



1982-83 Calendar

COLLEGE OF NEW CALEDONIA

Prince George, B.C.

COLLEGE CALENDAR

August 1982 - July 1983

| | | | |
|----------------------|--|----------|---|
| July 12 | Pre-registration | Jan. 3 | College Closed |
| August 16 | All Diploma and Certificate Programs | Jan. 4 | Classes Commence - Nursing, Technology, and Vocational Programs |
| August 2 | B.C. Day - College Closed | | Registration - Basic Literacy and Adult Preparation Courses |
| August 3 | Registration Nursing and Forest Resource Technology Programs Basic Literacy and Adult Preparation Courses | | Registration All Diploma and Certificate Programs, Returning and New Business Administration and University Transfer |
| August 30 Sept. 3 | Registration for all Academic and most Vocational Programs | Jan. 10 | First Day of Classes - Academic Programs |
| August 31 | Classes Commence Nursing and Forest Resource Technology Programs | Jan. 24 | Last day 80% refund - Academic Programs Last day to ADD courses without instructor's permission - Academic Programs |
| Sept. 6 | Labour Day - College Closed | Jan. 31 | Registration - Basic Literacy and Adult Preparation Courses |
| Sept. 7 | Classes Commence Most Academic and Vocational Programs Registration - Basic Literacy and Adult Preparation Courses | Feb. 7 | Last day 50% refund Academic Programs |
| Sept. 20 | Last day 80% refund Academic Programs Last day to ADD courses without instructor's permission - Academic Programs. | Feb. 14 | Last day to withdraw without penalty -Academic Programs |
| Oct. 4 | Last day 50% refund Academic Programs Registration - Basic Literacy and Adult Preparation Courses | Feb. 28 | Registration - Basic Literacy and Adult Preparation Courses |
| Oct. 11 | Thanksgiving Day - College Closed | March 28 | Registration - Basic Literacy and Adult Preparation Courses |
| Oct. 12 | Last day to withdraw without penalty | April 1 | Good Friday - College Closed |
| Oct. 15-16 | CNC Invitational Loggers Sports Competition | April 4 | Easter Monday - College Closed |
| Nov. 1 | Registration - Basic Literacy and Adult Preparation Courses | April 29 | Last day of classes - Most Academic Programs |
| Nov. 11 | Remembrance Day - College Closed | May 2 | Registration and Classes Commence - Nursing Program Registration - Basic Literacy and Adult Preparation Courses |
| Nov. 29 | Registration - Basic Literacy and Adult Preparation Courses | May 20 | Last day of Classes - Technology Programs |
| Dec. 6-10 | Pre-registration - All Diploma and Certificate Programs | May 27 | Last Day of Classes - Early Childhood Education Program |
| Dec. 17 | Last Day of Classes - Vocational Programs | May 30 | Registration - Basic Literacy and Adult Preparation Courses |
| Jan. 1 1983 | New Year's Day | July 1 | Confederation Day - College Closed |

As this Calendar is published well in advance of the session commencement, the College reserves the right to make any changes deemed necessary including the cancellation or adjustment of programs and courses, and changes in fee structure and other regulations or services. The College expressly denies responsibility or liability to any person or persons who may suffer loss or may be otherwise adversely affected by any change.

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HOW TO USE THIS CALENDAR

HOW TO USE THIS CALENDAR

1. Read the GENERAL INFORMATION, SERVICES AVAILABLE, and FINANCIAL ASSISTANCE sections.
2. Decide which type of program you are interested in and turn to that section of the Calendar to find out detailed information on Programs, Admissions, Fees, Courses, etc.
Steps:
 - (a) Decide which program you want
 - (b) Note admission requirements, fees, and expenses.
 - (c) Follow the admission and registration procedure for the program
 - (d) Where applicable, review the various courses offered and the CNC TRANSFER GUIDE
 - (e) Read any additional information on transcripts and grades.
3. Become familiar with the CALENDAR OF EVENTS and the CAMPUS MAP.

PROGRAMS

ADULT BASIC EDUCATION PROGRAMS

The College programs are designed for people who want to acquire basic literacy skills, to complete a secondary school education, or to learn how to compete more successfully in the labour market. Successful completion of such programs will prepare students for admission to vocational training or post-secondary studies and/or for actively seeking employment.

1. Basic Literacy
2. Academic Preparation Basic Training for Skill Development (BTSD)
3. Grade 12 Equivalency Tests (GED)
4. English Language Training
5. Vocational Preparation

For further information see page 16.

ACADEMIC PROGRAMS (UNIVERSITY, BUSINESS, TECHNICAL)

These programs provide university transfer courses or training in business or technical skills.

Agricultural Sciences
Applied Science (Engineering) U.B.C.
Associate of Arts
Broadcast Technology
Business Administration
Coaching Science
Commerce
Construction Technology
Criminology
Early Childhood Education
Electrical-Electronics Technology
Forest Resource Technology
Lumber and Plywood Technology
General Studies
Medical Laboratory Technology
Nursing
Physical Education
Survey Technology
University Transfer

For further information see page 20.

VOCATIONAL PROGRAMS

These programs provide training in the vocational and skilled trades including pre-apprenticeship and apprenticeship training.

Apprenticeship and Pre-apprenticeship Training
Automotive Mechanical Repair - Apprenticeship
Business Office Training

Carpentry - Pre-apprenticeship
Carpentry - Apprenticeship
Cook Training
Dental Assisting
Electrical Apprenticeship
Fitter-Fabricator
General Drafting
Heavy Duty Mechanics
Heavy Duty Mechanics Apprenticeship
Heavy Equipment Operator
Long Term Care Aide
Millwright Pre-apprenticeship
Millwright Apprenticeship
Power Engineering
Welding

For further information see page 53.

CONTINUING EDUCATION PROGRAMS

These programs are designed to provide part-time vocational upgrading courses and many other courses, seminars, or conferences of general interest to the public.

- A. Vocational Part-time Programs
Skill Training
Trade Certification
- B. General Interest Programs
Self-Development
Recreational
Personal Knowledge
- C. Native Indian Programs
- D. Women's Programs
- E. Knowledge Network

For further information see page 60.

REGIONAL PROGRAMS

Many programs or courses are offered in the towns and villages in the college region through the local office of CNC's Continuing Education Division. For further information contact:

| | |
|---------------|--|
| MACKENZIE | AREA DIRECTOR - Mackenzie Community Education and recreation, Mackenzie Sports Complex P.O. Box 2267, Mackenzie. V0J 2C0 Phone: 997-4333 |
| BURNS LAKE | AREA DIRECTOR - Lakes District Resource Centre, Highway 16, P.O. Box 5000, Burns Lake. V0J 1E0 Phone: 692-3175 |
| VANDERHOOF | AREA DIRECTOR - Nechako College of New Caledonia Campus R.R. #2, Vanderhoof, V0J 3A0 Phone: 567-9291 |
| QUESNEL | AREA DIRECTOR - Quesnel College of New Caledonia Campus 488 McLean, Quesnel. V2J 2P2 Phone: 992-3906 |
| ROBSON VALLEY | AREA DIRECTOR - Robson Valley Box 789, McBride. V0J 2E0 Phone: 569-3368 or Box 789, Valemount. V0E 2Z0 Phone: 566-4818 |



PRINCIPAL'S MESSAGE

In a sense, this calendar can serve as a "map of the territory" of training and education open to students interested in attending the College of New Caledonia. This "map" is complicated, however, and there are certain things you should have before you in order to understand this document properly.

- a) An idea of where you want to go
- b) The skills required to read this map

Should you require assistance with these tasks, C.N.C. counsellors and faculty, or high school counsellors, are equipped to lend a hand. Without this information the following pages may be a maze and may serve to confuse you.

It is my sincere hope that should you choose a direction of studies at C.N.C, the following "map" will assist in showing the way to the future you desire. The services, staff, and facilities of this College are at your disposal along the way, as well as our encouragement and best wishes for success in your educational endeavours.

CHARLES J. McCAFFRAY,
Principal

A COMPREHENSIVE COMMUNITY COLLEGE

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

The College region comprises 4 school districts including 28 (Quesnel), 55 (Burns Lake), 56 (Nechako) and 57 (Prince George) a total of some 117,500 square kilometers with a population in excess of 122,000 people.

The College opened on September 1, 1969 using temporary facilities at the Prince George Senior Secondary School. In July of 1971 the existing College amalgamated with the B.C. Vocational School; and the College of New Caledonia was created.

Since the time of its portable beginnings, the College has expanded into over 25,000 square metres of permanent and temporary building space situated on 12.09 hectares.

A recently completed building program provided a new gymnasium, shop space, permanent library, expanded laboratory facilities, class rooms, office space and food services facility and a day care centre.

During the past year an additional Construction Trades Building has been acquired in a location close to the main campus. Strenuous efforts are now being made to add a student residence to the campus.

With learning centres in Burns Lake, Mackenzie, Quesnel and Vanderhoof and with new offices in McBride and Valemount, the College is attempting to make it easier for people throughout our wide region to continue with their education and training even if they are unable to come to the Prince George Campus. The use of Channel 13 on cablevision in Prince George and of the Knowledge network is another initiative which is directed at the same goal.

The College offers a wide range of programs in the areas of pre-employment, pre-apprenticeship, apprenticeship, technologies, University transfer and general interest. There are six divisions including Continuing Education, Business and Industrial Technologies, Health Sciences, Liberal Arts and Social Sciences, Natural Sciences and Trades.

GENERAL INFORMATION

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 Student Services (level two, Vanderhoof Building). A different card will be issued to full-time and part-time students. Fee: \$1.00.

CHANGE OF NAME OR ADDRESS

It is the responsibility of the student to advise the Registrar's Office (level two, 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.

ADMISSION STATUS - GEOGRAPHIC

Residents of School Districts 28 (Quesnel), 55 (Burns Lake), 56 (Nechako), and 57 (Prince George) are classified as in-region students and are given priority for admission over other applicants. In some programs students from other college regions are accepted as in-region students.

To qualify as an in-region student, a person 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 not able to qualify as in-region students as defined above are classified as out-of-region students.

The responsibility for registering as an in-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

Students attending CNC must be Canadian citizens or landed immigrants. 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.

Any qualified international student may apply to the College but such students must have local sponsors or sponsoring agencies who will be responsible for the student's full cost of education. International students should submit their applications to the College early enough to allow for the checking of their references, evaluation of transcripts, and corresponding with immigration authorities.

International students will not normally be accepted into limited enrollment programs if this will deny a place to a qualified Canadian citizen or landed immigrant. International students are not eligible for publicly funded student aid programs.

Students who cannot demonstrate acceptable proficiency in English will be required to upgrade their English language skills. The amount of level of upgrading will be determined by the College of New Caledonia.

COLLEGE DIPLOMA

A CNC Diploma is awarded to students who complete either:

The requirements of a College Diploma program of at least four semesters with a pass grade in each specified course and with a cumulative grade point average of 2.0 or higher.

OR

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

OR

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

NOTE:

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

Students who expect to complete the requirements for a Diploma are required to complete an application for graduation form available from the Registrar's Office. Completed forms should be returned to the Registrar's 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.

COLLEGE CERTIFICATE

A CNC Certificate is awarded to students who satisfactorily complete a College program of at least 15 weeks duration.

STUDENT GRIEVANCE PROCEDURE

The following procedure will be used in cases involving student grade appeals and complaints about the ethical conduct or competence of College faculty, staff and administration:

1. The first step in any appeal involving a student and an employee of CNC shall start with the student and the individual employee as the "court of first instance." A student initiating an appeal shall do so within sixty clear calendar days after the incident in question.
2. In the event that the outcome of this initial meeting (court of first instance) is unsatisfactory to the appellant, then he or she shall have the right to appeal through the Dean of Student Services.

Student Grade Appeals will be resolved by a Grade Appeal committee composed as follows:

- a) Two students named by the Student Union at their first meeting in September. At least one of these student representatives must be a full-time student.
- b) Four Faculty members to be named by the Dean of Instruction not later than September 15 each year.
- c) The Dean of Student Services shall chair this Committee and is a voting member of the committee.

Student Appeals with regard to actions or ethical conduct will be resolved by the Principal based on recommendations from either:

- i) The Grade Appeal Committee
- ii) An Ad Hoc Committee composed as follows:
 - a) One student named by the Student Union

b) Two Faculty members named by the Dean of Instruction

c) One Administrator named by the Principal.

If any member of this Committee is party to a particular grievance, he or she shall not serve on the Committee for the duration of those proceedings. Alternatives may be named by the Principal, Dean of Instruction, or Student Union as appropriate. To ensure continuity, it would be desirable to have one member of each of the groups mentioned above serve for two years. The remaining members would serve for a minimum of twelve months.

3. It will be the responsibility of the Dean of Student Services to ensure that the proper appeal procedure is followed by all parties involved.

GRADE APPEAL PROCEDURE

- A. The Dean of Student Services shall receive a **written** appeal request from the griever after he or she has met with or contacted the CNC employee involved in the grievance. This contact constitutes a "court of first instance"
- B. The Dean of Student Services or designate will advise the members of the Student Grade Appeal Committee and the principals involved of the pending grievance. A copy of the written letter of grievance shall be forwarded to the members of the Committee and principals not later than three clear calendar days after the Dean of Student Services has received the letter. It will then be the responsibility of the Student Grade Appeal Committee Chairperson to call a meeting of the Committee and the griever not later than seven clear calendar days after the written grievance has been received.
- C. Once the student has received a grade, he or she is entitled to appeal in writing within sixty clear calendar days. Normally, the Dean of Student Services will follow proper appeal procedure as outlined above where the student would appeal to the faculty member as a "court of first instance". However, where such a meeting is not possible, the student may submit a written request to the Dean of Student



Services outlining his or her claim for appeal. It shall be the responsibility of the Dean of Student Services to convene an appeal meeting within seven clear calendar days of having been notified of the grievance. Both students and faculty have the right to proxy representation at this appeal hearing.

- D. Students may not use this avenue to appeal decisions arising from situations where their conduct or behavior has brought them into conflict with criminal or civil law. Such grievances may be contested in a municipal, provincial, or federal court of law. The Dean of Student Services can advise students of possible avenues of action in these cases.
- E. The Chairman of the Grade Appeal Committee will then forward a report to the Principal. In the event of a failure of the Committee to agree on a resolution, the Principal will have the authority to resolve the dispute and may then report to the College Board if deemed appropriate. Any decisions handed down in accordance with the provisions stipulated in the Student Grade Appeal Procedure shall be final insofar as the College of New Caledonia has jurisdiction. Further recourse in a public court of law is at the election of the griever.

SUSPENSION

Students who are performing at an unsatisfactory level may be suspended. They may, at their request, have their performance reviewed by a committee which includes the instructor(s), the Director of the Division, and the Dean of Student Services.

If it is the opinion of this committee that the student is not meeting the requirements of the course or program the student will be placed on probation for a specified period. If at the end of this period the committee still considers the student's performance to be unsatisfactory the student will be suspended for one semester in academic programs and for the length of a program in other instructional areas.

SAFETY REGULATIONS

WCB safety regulations must be adhered to as applicable to each particular program. Special requirements for the student is noted in each program.

SERVICES AVAILABLE TO STUDENTS

INFORMATION

For information on any aspect of the College inquire at the Student Services Office, (level two, Vanderhoof Building). If they don't have the answer they can direct you to someone who does.

STUDENT SERVICES OFFICE

The Student Services Office is responsible for admissions, registration, student records, changes to records, timetable, withdrawal, etc. Any inquiries regarding these procedures should be directed to the Student Services (level two, Vanderhoof Building).

Student Services Hours:
Monday - Thursday 8 a.m. to 5 p.m.
Friday 8 a.m. to 4 p.m.

COUNSELLING

The Counselling Centre is located on Level Two of the Vanderhoof Building. Counsellors are available to assist students with personal, academic, or vocational concerns. A wide variety of material is available in the centre to assist in career selection, or selection of suitable institutions for specific programs. Individual tests may be administered if the counsellor and student agree they will be of value.

Counselling Centre hours: Monday to Friday 8:00 a.m. to 4:30 p.m.

HEALTH SERVICES

CNC has a Health Service Program to serve the need of this college community.

Health services will combine treatment and preventative programs. This includes emergency calls, first-aid treatment, and health counselling.

The Centre is staffed by a physician, Dr. Phil Staniland. At the present time, the doctor is available Wednesday from 08:30 to 16:30. We recommend that students planning to enter CNC have the following:

- Medical coverage (more information on this is available at Student Services).
- A recent chest X-ray and hemoglobin level test.
- A complete medical record if you suffer from any chronic condition (diabetes, thyroid disorder, etc.).

Your concerns and/or requests for information will be welcomed. Stop into the Health Services office or call 562-2131 Loc. 341 and ask for us:

CNC HEALTH SERVICES
Room 2-811 (First Aid Room)
Mackenzie Building
Use Central Street Entrance

STUDY SKILLS

The Study Skills Centre is located in Room 2-112 of the Vanderhoof Building. Professional help is available to assist the students with their programs. Students encountering difficulties with reading, studying, taking notes, or writing papers are invited to drop in. The Study Skills Centre is open on a drop-in basis Monday to Friday from 9:00 a.m. to 3:30 p.m.

Throughout the year the Study Skills Centre will offer courses which cover the following topics:

- Study Management
- Scheduling
- Personal aspects
- Task orientation
- Study environment

Major Course Related Skills

- Study Reading
- Taking Notes from books
- Taking notes from lectures
- Writing classroom tests

Auxiliary Course Skills

- Library research
- Vocabulary development and spelling
- Writing skills, grammar and mechanics

Attitudes, Interests and Habits

- Reading habits and interest
- Concentration and memory
- School attitudes and motivation

These courses will be available to the community on a standard fee schedule and will be offered to CNC students at no extra cost. See CNC Courses (Study Skills) page 38.

RESOURCE CENTRE

The Library and Audio-Visual Services are located on Level Two of the Vanderhoof Building (2-302). The Library contains an expanding collection of resources including books, periodicals, newspapers, federal and provincial government documents, pamphlets and audio-visual materials. Assistance in finding information and using library resources is available from the Reader Services Librarian at the Information Desk.

There are carrels for individual study, small group study areas, informal lounge reading corners, and a seminar room for group use. A coin-operated photocopy machine is also available.

A variety of audio-visual equipment for viewing and listening is housed in A/V carrels located near the Circulation Desk. This equipment includes videotape players, stereo audio cassettes and record players, slide and filmstrip projectors, 8 mm and 16 mm film projectors, and calculators. Similar equipment is available for use outside the Library. The darkroom and production equipment such as 35 mm, video and super 8 mm cameras are available for use with student projects.

During the Fall and Spring semesters, the Library hours are as follows:

| | |
|-------------------------|----------------------|
| Monday through Thursday | 8 a.m. to 10:30 p.m. |
| Friday | 8 a.m. to 5 p.m. |
| Saturday | 12 noon to 5 p.m. |
| Sunday | 12 noon to 5 p.m. |

Summer hours:

Monday through Friday 8:30 a.m. to 5 p.m.
Hours from April to June may vary from the above.

BOOKSTORE

A bookstore is located in Smithers A. In addition to supplying text books the store also sells sundry supplies and miscellaneous items. A bulletin board in the bookstore is provided for notices of second hand books for sale.

Bookstore hours:

| | |
|-------------------------|---------------------|
| Monday through Thursday | 8 a.m. to 7:30 p.m. |
| Friday | 8 a.m. to 5 p.m. |

SWITCHBOARD

All calls to 562-2131 go through the College switchboard. Calls after hours will not be answered.

Switchboard hours:

| | |
|-------------------------|------------------------|
| Monday through Thursday | 7:30 a.m. to 7:30 p.m. |
| Friday | 7:30 a.m. to 5:00 p.m. |
| Weekends | Not Staffed |

Hours may vary during the summer.

CAFETERIA

The Food Services facility is located on Level One of the Vanderhoof Building.

Cafeteria is open on a daily basis to serve students

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

Friday 7:30 a.m. to 3:00 p.m.

HOUSING

The College does not have any student residences. Therefore, students must arrange for their own accommodation. We advise that these arrangements are made early. Inquire at Student Services for a housing list.

JOB PLACEMENT

CNC annually prepares a brochure listing graduates of each program and invites potential employers of these graduates to review the brochures and interview on campus for permanent positions.

The Financial Aid Officer also maintains an up to date list of part-time jobs available to students. Jobs are posted on the bulletin board at the Registrar's Office (level two, Vanderhoof Building).



RECREATION

The Ft. St. James Building contains a main gym, two racquetball-handball courts, and an ancillary gym which is used for weight training, archery, and table tennis.

Recreation activities available for students include:

Open recreation (Free equipment checkout with a student card)

Badminton
Floor Hockey
Basketball
Volleyball
Racquetball
Weight training

Additional equipment and games available:

Snowshoes (rental basis)
Chess
Checkers
Ping Pong

Structured intra-murals:

Floor Hockey
Racquetball
Volleyball
European Team Handball
Indoor Soccer
Badminton
Basketball

Fitness Testing:

The Physical Education and Recreation department will test individuals for cardio-respiratory fitness on an appointment basis. See Dr. Peter Usher.

Recreation Courses:

CNC Recreation provides non-credit recreation courses. These courses enable the student to learn different skills and activities. The courses include instruction and equipment. All

courses are advertised on the bulletin boards and in the CNC TODAY. Also in this calendar under Recreation, in the course description section, the courses are listed. Some of the Courses are Karate, Fitness, Guitar, Disco-Dancing, Racquetball and Cross-Country Skiing.

ATHLETICS

CNC is a member of the Totem Conference Athletic Association which is the governing body for college Athletics in B.C. CNC competes in men's and women's basketball and volleyball against Vancouver Community College, B.C.I.T., Douglas College, Selkirk College, Okanagan College, Capilano College, Malaspina College, Cariboo College, and Royal Roads Military College. The CNC badminton and curling teams compete in the Provincial Championships in a tournament format.

The CNC teams over the past several years have proven to be very competitive in the strong B.C. conference with championship representatives from CNC going to the 4-West Championships in the sports of Volleyball and Curling. The winners of the Provincial Volleyball and Basketball Championships, as of the 1980 athletic season, will advance directly to the Canadian Championships. In 1979 the men's volleyball team finished second at the Canadian Championships in Montreal.

The College team name is Carriers and the team colours are blue and orange. All students are encouraged to participate either as representative players or spectators at our home contests.

For further information contact the Athletics and Recreations co-ordinator at the gym, in room 1-511.

Practice Times:

Students that anticipate playing basketball or volleyball for CNC should take note of the practice times and schedule courses accordingly.

Basketball: Mondays and Wednesdays 4:00 - 6:00 p.m.
Tuesdays and Thursdays 6:00 - 8:00 p.m.

Volleyball: Mondays and Wednesdays 6:00 - 8:00 p.m.
Tuesdays and Thursdays 4:00 - 6:00 p.m.

STUDENT ASSOCIATION

The CNC Student Association represents all students enrolled at CNC and has an executive elected from the total student body.

Student Association fees are used to fund various social and recreational events, as well as to provide funding for specific student groups.

All CNC students are encouraged to attend the Student Association meetings. Student groups who wish to receive Student Association funding are asked to submit budgets and proposals to the Student Association.

The Student Association executive is elected in the spring of the year and commences office in September.

Office: 1-201 Phone 562-7415

Hours: Monday through Thursday 9:00 a.m. - 10:00 p.m.
Friday 9:00 a.m. - 3:00 p.m.

CNC TODAY

CNC TODAY is a weekly CNC bulletin and serves as a newsletter for the total College community. Students, faculty and staff are invited to use CNC TODAY for notices of meetings, coming events, general news, and any other items of interest they wish to have published. CNC TODAY is normally published every Wednesday throughout the school year and the deadline for submission is 4:30 p.m. Monday. Copy should be submitted to the Public Relations Officer prior to submission deadline.

CNC FREE PRESS

The CNC Free Press is a twice-monthly paper put out by the students for the CNC community. The aim of the paper is to keep people informed as to what is happening at CNC and also to provide a vehicle for student comments and concerns. All of the members of the Free Press staff are CNC students who volunteer their time and talents to put out a reputable College paper.

ADULT SPECIAL EDUCATION

The intention of Adult Special Education Services is to provide support to adults with handicaps who wish to explore the possibilities of continuing their education through opportunities offered by the College. Services of counselling and advocacy will be available. Emphasis is being placed on identifying individual needs and designing programs to meet the needs of persons requiring special education and rehabilitation services. Persons with special needs should contact Student Services for further information. 562-2131



The above symbol identifies a building as being accessible to wheelchairs. Most classes offered at CNC are located in accessible facilities.

TEST SUPERVISION

The college provides supervision for various tests required to enter universities, other institutions, or the professions.

These include:

- Allied Health Professions Admission Test (AHPAT)
- General Certificate of Education Examination - University of London
- Graduate Management Admission Test (GMAT)
- Graduate Record Examination (GRE)
- Law School Admission Test (LSAT)
- Medical College Admission Test (MCAT)

- Miller Analogies Test (MAT)
- National Teacher Examinations (NTE)
- Scholastic Aptitude Test (SAT)
- Secondary School Admissions Test (SSAT)
- Test of English as a Foreign Language (TOEFL)
- Test of Spoken English (TSE)
- Others on request

For further information contact the Study Skills Centre 562-2131 Loc. 291



BUS SERVICE

Full-time students, with the appropriate CNC student card, are eligible for a student rate on the Prince George Transit System. A bus schedule is posted inside the 22nd Avenue entrance to the College, or is available from any of the Transit buses.

FINANCIAL ASSISTANCE

SCHOLARSHIPS, BURSARIES AND AWARDS FOR C.N.C. STUDENTS

GENERAL REGULATIONS

There are a number of sources of financial assistance for students at C.N.C.

To be eligible for assistance, a student must be enrolled full time in a program of studies. Students are advised to check with the Financial Aid Officer about regulations, deadlines for applications and other details. Unless otherwise stated, the CNC Application for Scholarships/Bursaries form will be used. Applications are available at the Student Services office and should be submitted to the Financial Aid Officer.

In general, scholarships are awarded on the basis of academic excellence or for high scholastic standing combined with other qualities of distinction. Occasionally, scholarships are awarded for academic excellence combined with financial need. Bursaries are awarded primarily on the basis of financial need and are normally intended for deserving students who require financial assistance and have satisfactory academic standing.

Except in unusual circumstances, students will not be awarded more than one scholarship or bursary per academic year.

Students should note that scholarships, bursaries and grants must be declared as taxable income. An exemption of \$500 is allowed against such sources of income.

The following code will be used to indicate eligibility according to program area:

- U . T . University Transfer Programs
- T . . . Technical and Business Programs
- V . . . Vocational Programs

SCHOLARSHIPS AND BURSARIES

The College of New Caledonia Scholarship Fund (U.T.,T.,V.)

Scholarships in the amount of \$150 will be offered to full-time students in the University Transfer and Technical/Vocational Divisions who have completed the Fall Semester and are enrolled in the Winter Semester. The awards will be based primarily on academic achievement, although financial need may be considered.

APPLICATION DEADLINE: January 31.

C.N.C. Student Union Scholarships

The C.N.C. Student Union will award eight scholarships in the amount of \$200 each to full-time students completing the Fall Semester and enrolled in the Winter Semester at C.N.C. University Transfer students must have at least four (4) courses to qualify for the scholarships. The scholarships will be based on grades achieved during the Fall Semester with financial need taken into consideration.

APPLICATION DEADLINE: January 31.

Cariboo Real Estate Board Scholarships (U.T., T.,V.)

The Cariboo Real Estate Board annually awards four scholarships in the amount of \$500 to students who are residents of Prince George, Williams Lake, Quesnel, Smithers, Burns Lake, Nechako or Peace River South School Districts. For detailed regulations contact the Financial Aid Officer.

Awards will be based on academic merit, without reference to financial need. Successful applicants will be required to attend a function hosted by the Cariboo Real Estate Board at which time the scholarships will be formally presented.

APPLICATION DEADLINE: June 1 of each year.

C.N.C. Admission Bursaries

A limited number of C.N.C. Admission Bursaries in the amount of \$300 (tuition fees for 2 semesters) are available to new students planning to attend the College of New Caledonia in the Fall of 1982. Applicants should be a resident of the College Region for at least six months prior to commencement of the student's course of studies at C.N.C and a graduate of a secondary school in the College region. Recipients must have a minimum G.P.A. of 2.00 (a "C" average) and a demonstrated financial need.

APPLICATION DEADLINE: May 31.

Northwood Pulp and Timber Ltd., Scholarships

Three scholarships of \$400 each, donated by Northwood Pulp and Timber Ltd., will be awarded annually to C.N.C. students. Scholastic excellence will be the only criteria for determining the recipients.

DISTRIBUTION:

1. One \$400 scholarship to a student continuing to the second term of a seven to twelve month program in the Vocational Division of the College of New Caledonia.
2. One \$400 scholarship to a student continuing to the third year of a degree program at a B.C. University.
3. One \$400 scholarship to a student entering the second year of the Data Processing option of the Business Administration program.

APPLICATION DEADLINE: September 30.

Vancouver Foundation Bursaries (U.T.,V)

Funds in varying amounts are available from the Vancouver Foundation to assist full-time students who require and merit financial assistance. Applicants should have identified career or academic objectives and demonstrated ability to reach their objectives.

APPLICATION DEADLINE: January 31.

Inland Natural Gas Ltd., Scholarship (U.T.T.)

Inland Natural Gas Ltd., offers a \$350 scholarship to a student who will be entering a second year Science program or a Commerce program at C.N.C. This award is restricted to a student whose home address is within the Company's distribution area.

APPLICATION DEADLINE: September 30.

B.C. Tel Awards

B.C. Tel will annually award four bursaries in the amount of \$250 each to academic, technical or vocational students. These bursaries will be awarded on the basis of solid achievement in studies and financial need, and are primarily for students in their second year of studies. However, the bursaries are also available to first year students in courses of less than two years duration and, in extraordinary circumstances, to first year students in programs of two years duration.

APPLICATION DEADLINE: September 30.

Russell Kenneth Dillabaugh Memorial Scholarship

The Willow-Ahbau Forest Association will annually award a scholarship in the amount of \$1,000. Candidates must have completed one year of full-time study at C.N.C. with a minimum

G.P.A. of 2.75 and be planning to continue a course of study at CNC or another post-secondary institution. Sons and daughters of current employees and contractors of member companies will be given first consideration. Applicants will be considered on the basis of academic standing, financial need and citizenship. The recipient will be invited to a dinner meeting of the Association for formal presentation.

APPLICATION DEADLINE: October 30.

Labatt Totem Conference Bursary (U.T.)

Labatt Breweries of British Columbia will be offering a \$150 annual bursary to a first year student based on academic qualifications, and athletic endeavours connected with Totem Conference sport. The award is applicable to students participating in Totem sports during the first year of College attendance and is to be applied to a second year tuition. The student should demonstrate leadership qualities in both athletic and academic life.

APPLICATION DEADLINE: September 30.

Society of Management Accountants of B.C.

The Society of Management Accountants of B.C. will provide a scholarship equivalent to R.I.A. fees (\$500) upon enrollment with the Society. This award will be granted to the graduating student with the highest average standing in Business 253 and 254 each year. It is hoped that this award will encourage students in their study of Cost and Management Accounting.

APPLICATION DEADLINE: April 30.

The Institute of Chartered Accountants of B.C. Bursary

A \$100 bursary shall be made available to a full-time student of the College of New Caledonia who has completed an appropriate course(s) in Accounting and is interested in becoming a Chartered Accountant. The student should have a "B" average or second class standing overall; have financial need, and meet any other criteria set by the faculty of the College.

APPLICATION DEADLINE: September 30.

The Certified General Accountants' Association of British Columbia Scholarships

The Certified General Accountants' Association of B.C. offers two scholarships equivalent to the first year's tuition (approximately \$500) to each Community College in B.C. The scholarships are awarded on recommendation by the College and only those students who have obtained their diploma and have been admitted to the C.G.A. program will be eligible to accept the award.

APPLICATIONS should be submitted early in April.

Prince George Chartered Accountant's Association Scholarship (U.T.)

The Prince George Chartered Accountant's Association will donate a scholarship in the amount of \$300 to a student who has completed the pre-commerce year and is registered in a program of studies at C.N.C which lead to a degree in Commerce. The scholarship will be awarded on the basis of academic achievement with financial need being taken into consideration.

APPLICATION DEADLINE: September 30.

Credit Union Foundation Bursary

The Credit Union Foundation annually offers two bursaries in the amount of \$200 each to academic, technical or vocational students who might otherwise have difficulty completing their studies by reason of financial hardship. The recipients are to be Canadians residing in British Columbia and in attendance at C.N.C.

APPLICATION DEADLINE: January 31.

Business and Professional Women's Club Bursary (V.)

The Business and Professional Women's Club of Prince George is offering a bursary in the amount of \$150 to a woman in one of the Vocational programs.

APPLICATION DEADLINE: January 31.

P.E.O. Sisterhood Award (U.T.,T.)

The P.E.O. Sisterhood offers two awards in the amount of \$150 each to female students who are completing their first or second year at the College of New Caledonia and who are planning to continue their education either at C.N.C. or another institution of learning.

APPLICATION DEADLINE: January 31.

The University Women's Club Bursary

The University Women's Club of Prince George is offering a \$300 bursary to a mature female student enrolled in any full-time course of study at the College of New Caledonia.

APPLICATION DEADLINE: January 31.

Pulp, Paper & Woodworkers of Canada, Local 9 Bursary (U.T.,T.,V.)

The Pulp, Paper & Woodworkers of Canada, Local 9, annually makes available a bursary to a maximum of \$500 to cover the cost of fees and books for a student enrolled in a program of studies at C.N.C. Awards will be based on financial need. The applicant must be a member, or a son, daughter or spouse of a member of the Pulp, Paper & Woodworkers of Canada, Local 9. Please supply proof of membership with the application.

APPLICATION DEADLINE: September 30.

Prince George Medical Laboratory Bursary/Scholarship

The Prince George Medical Laboratory offers two Bursaries/Scholarships of \$300 each to be awarded annually to C.N.C. students entering the second year of the Medical Laboratory Technology Program. Selection of the winners will be based on sound academic achievement and monetary need. This award is restricted to students whose home address is in the College region.

APPLICATION DEADLINE: April 30.

The B.C. Lung Association Bursary (T.)

The Christmas Seal People award a \$500 bursary to a student entering the second year of the Diploma Nursing program. Selection will be made primarily on the basis of need, although grades will be taken into consideration.

APPLICATION DEADLINE: September 30.

Prince George, Cariboo & Central Interior Transportation Club Scholarship (T.)

The Prince George, Cariboo & Central Interior Transportation Club annually awards a scholarship in the amount of \$150 to a student who has completed the first year and will be enrolling in the second year of either the Business Administration or the Data Processing program at C.N.C. The award will be based on grades with financial need being taken into consideration. To be eligible, the student must reside in the area encompassed by Williams Lake to Fort St. John and McBride - Valemount to Smithers.

APPLICATION DEADLINE: September 30.

Finning Tractor & Equipment Co. Ltd. Business Administration Bursary (T.)

Finning Tractor and Equipment Co. Ltd. annually offers a \$300 Bursary to a deserving student entering the second year of the Business Administration program. Applicants should have a reasonable academic average and evidence of financial need.

APPLICATION DEADLINE: September 30.

IBM Canada Ltd. Scholarship (T.)

IBM Canada Ltd. annually offers a scholarship in the amount of \$300 to an outstanding student enrolled in the second year of the Business Administration or Data Processing program. This scholarship is awarded to recognize the academic achievements and to encourage students in the challenging and rewarding careers in this field.

APPLICATION DEADLINE: September 30

Data Processing Management Association Bursary (T.)

The Data Processing Management Association is offering a \$100 bursary to a deserving student entering the third semester of the Data Processing program.

APPLICATION DEADLINE: September 30.

The Institute of Accredited Public Accountants of B.C.

The Institute offers, as a scholarship,, three free student memberships in the Institute of Accredited Public Accountants for a period of one year. The scholarship is available to a graduate of the first year business administration program of the College of New Caledonia who shows interest and promise in an accounting related career. The selection of candidates will be made by the Faculty of Business Administration of the College.

Prince George Construction Association Scholarship (T.)

The Prince George Construction Association is offering a \$250 scholarship to a student in the first year of the Construction Technology program. This award will be based on grades and will be presented in April.

APPLICATION DEADLINE: January 31.

Prince George Construction Association Bursary (T.)

The Prince George Construction Association annually offers a bursary in the amount of \$250 to a student in the first year of the Construction Technology program. The awards will be based on financial need and will be presented in April.

APPLICATION DEADLINE: January 31.

Council of Forest Industries of B.C. Northern Lumber Sector Scholarships (T.)

The C.O.F.I. awards annually two scholarships to the two top students completing the first year of the Forest Resource Technology program, and planning to enroll in the second year of the program at C.N.C. The student having the highest academic standing at the end of the first year will be awarded a scholarship in the amount of \$600, the second ranked student will be awarded a scholarship in the amount of \$400. Any student enrolled in the complete first year program in Forest Resource Technology is eligible for the C.O.F.I. Scholarships. Applications are not required; the top ranked students will be notified they have received an award following completion of their first year program of studies and enrollment in the second year of the Forest Resource Technology program.

Sam Ketcham-Phil Bodman Memorial Bursaries

The Northern Interior Lumber Sector of the Council of Forest Industries of B.C. will provide five \$100 bursaries. These bursaries are to be awarded to needy second year Forest Resource Technology students from the Northern Interior region, upon entering their second term with a 2.5 grade point average or better, and provided they are not the recipient of a scholarship or other grant which would eliminate the need for a bursary. The "Northern Interior Region" is from Valemount to Terrace and North from Prince George to the Yukon. It excludes Quesnel and points south.

APPLICATION DEADLINE: September 30.

British Columbia Independent Logging Association Scholarships (T.)

The B.C. Independent Logging Association annually offers two scholarships of \$300 each to students who have completed the first year of the Forest Resource Technology program and are enrolled in the second year of the program at C.N.C. The awards are made on the basis of scholastic achievement and financial need. Applicants should have their permanent residence in the Central Interior area east of Hazelton, B.C.

APPLICATION DEADLINE: September 30.

Howard J. Lloyd Logging Ltd. Scholarship (T.)

Howard J. Lloyd Logging Ltd. annually makes available funds in the amount of \$100 to be distributed to a student completing the first year of the Forest Resource Technology program and planning to enroll in the second year of the program at C.N.C. The awards are made on the basis of scholastic achievement and financial need.

APPLICATION DEADLINE: September 30.

The Pas Lumber Company Ltd. Bursaries

The Pas Lumber Company Ltd. will annually award two bursaries in the amount of \$250 each to students enrolled in the first year of the Forest Resource Technology program. The awards will be restricted to students who have been out of high school for at least one year and who have financial need.

APPLICATION DEADLINE: September 30

Leslie Kerr Memorial Scholarship (T.)

Lignum Limited, founded by Mr. L.J. Kerr, offers a scholarship in the amount of \$250 to a worthy student with suitable grades who graduates from Secondary School in School District 27 and is enrolled in the C.N.C. Forest Resource Technology program.

Finning Tractor & Equipment Co. Ltd. Heavy Duty Mechanics Bursaries (V.)

Finning Tractor and Equipment Co. Ltd. annually offers two bursaries in the amount of \$200 each to students on the Heavy Duty Mechanics Program. One bursary will be awarded to a student from each class. Applicants should demonstrate reasonable ability and evidence of financial need.

APPLICATION DEADLINE: October 30 and May 30 respectively

Eric Fredin Memorial Bursaries (V.) (Sponsored by the Prince George Lions Club)

Two bursaries in the amount of \$250 each will be offered annually to a Power Engineering student and to any Vocational student in a program of seven months or more. The awards will be based primarily on a demonstrated need and secondly on proven ability to successfully complete the course.

APPLICATION DEADLINE: January 30.

San-Mac Supply & Rental Ltd. Scholarships (V.)

San-Mac Supply & Rental Ltd. annually provides five scholarships in the amount of \$100 each to the most outstanding student in each of the following programs:

Heavy Duty Mechanics Pre-apprentice - 2 classes

Carpentry Pre-apprentice - 1 class

Millwright Pre-apprentice - 2 classes

The best student from each class will be selected by the Instructor.

Central Interior Chapter of The Welding Institute of Canada Scholarship

The Central Interior Chapter of the Welding Institute of Canada will donate a \$100 scholarship to a graduating student of a modular welding training program of no less than five months duration. This scholarship will be presented in the spring of each year. The recipient will be selected by the scholarship committee at C.N.C.

APPLICATION DEADLINE: January 31.

AWARDS

The following awards are presented to students who have excelled in some particular area of a program of studies at C.N.C. Applications are not necessary; the awards are made on recommendation of Faculty.

Governor General's Silver Medal Award

The Governor General's Silver Medal is awarded annually to the most outstanding student graduating from a program of studies of at least two years duration at the College of New Caledonia.

Lieutenant-Governor of B.C. Medal Award

A medal in the name of the Lieutenant-Governor of British Columbia will be awarded annually to a student registered in a substantial vocational or career program of studies of less than two years duration. The student chosen will be one who has not only excelled in his/her studies, but has also contributed in a positive way to the life of the College or the Community.

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 class standing - donated by the Prince George Dental Assistants' Association.

SCHOLARSHIPS AND BURSARIES AVAILABLE TO C.N.C. STUDENTS ADMINISTERED BY OTHER ORGANIZATIONS

The scholarships and bursaries listed in this section are available to C.N.C. students, often in competition with students attending other institutions. These awards are administered by organizations outside the College. Contact the Financial Aid Officer for further information and application procedures.

University of British Columbia Entrance Scholarships/Bursaries

The John B. MacDonald Alumni Bursaries (U.T.)

The John B. MacDonald Alumni Bursaries - In honour of Dr. John B. MacDonald, President of the University of B.C. from 1962-1967, the UBC Alumni Association offers bursaries in the amount of \$350 each to students entering the University of British Columbia in the fall from Regional Colleges in B.C. The bursaries are available to students who have demonstrated a sound academic ability and have a financial need.

APPLICATION DEADLINE: July 1.

Norman A.M. Mackenzie Alumni Regional College Scholarships

Eight scholarships of \$600 each are offered to students proceeding from the second year of regional college to the University of British Columbia. They are available only to students with high scholastic standing (minimum overall average required 75%) whose ordinary private domiciles, homes, or residences are in British Columbia.

APPLICATION DEADLINE: July 1

University of Victoria Entrance Scholarships

T.S. McPherson Scholarships

Up to four T.S. McPherson Scholarships will be awarded to students of exceptional promise entering the University of Victoria directly from British Columbia secondary schools or community colleges: normally one of the four scholarships will be reserved for a community college student.

The scholarships will have an annual value of \$1,500 and will be renewed if the student maintains a grade point average of 7.5 or higher. Candidates must have a very high academic record in their last two years at college.

APPLICATION DEADLINE: April 1

President's Regional Entrance Scholarship

Four scholarships of five hundred dollars (\$500) are awarded annually within each college region in British Columbia to students with high academic standing and broad interests who are entering the University of Victoria directly from British Columbia Secondary Schools or regional colleges. Normally one of the four scholarships in a region is reserved for a college student.

The assessment of the academic standing of the secondary school students will be based on both secondary school courses and Provincial Scholarship Examination results. The assessment of regional college students will be based on college course results.

A student becomes a candidate for a scholarship by nomination solicited annually by the University of Victoria from the principals of secondary schools and regional colleges in British Columbia. Recipients will be selected by the Senate Committee on Awards, and they will be announced after the release of the Provincial Scholarship Examination results in the summer.

Simon Fraser University Regional College Entrance Scholarships (U.T.)

A number of scholarships ranging in value up to \$150 will be available to students entering Simon Fraser from regional, junior or community college. Candidates will be evaluated according to their academic achievement at the college.

Candidates should submit an application to the Financial Aid Office. It is recommended that students apply six to eight weeks before the semester in which they enroll; however, applications may be submitted up to the first day of classes.

Simon Fraser University Awards (U.T.)

Athletic awards are based on a good academic record and excellence in athletic activity.

The awards are made for a period of one semester. A student

may reapply or be renominated for an Award for a subsequent semester. Awards vary in amount, not to exceed \$300 and will consist of tuition and fees up to a maximum of 15 hours.

Lloyd Brothers Bursaries (U.T., T.)

Lloyd Brothers Bursaries in amounts from \$200 to \$400 are available to students in the Arts & Science and Technical Divisions at the College of New Caledonia. Students must be in financial need and show an ability to achieve the educational objective for which the scholarship is requested. Applicants must be residents within School District No. 57.

APPLICATION DEADLINE: April 30.

Karl Anderson Foundation (U.T., T.)

The Karl Anderson Foundation offers bursaries in the amount of \$200 to assist male graduates of Prince George High School to obtain a university or college education. Applicants must possess sufficient merit and distinction and must be in need of financial assistance.

APPLICATION DEADLINE: August 15.

Royal Canadian Legion Bursaries (U.T., T., V.)

Prince George Branch No. 43, Pacific Command, The Royal Canadian Legion and the Ladies Auxiliary have set aside \$3,000 for Bursaries for the year. These Bursaries will be divided into six (6) awards at \$500 each. In awarding Bursaries, the Committee is looking for the average student who has successfully passed Grade XII and will have some difficulty in financing his Vocational School or Technological Institute where High School graduation is a requirement; Second, Third, or Fourth Year University. Applicants must be a son or daughter of a veteran (not necessarily a Legion member) and show proof of service of parent.

APPLICATION DEADLINE: May 31.

The Royal Arch Bursaries

Several bursaries up to \$500 each, have been established by the Royal Arch Masonic Order to give assistance to children of members in good standing, or of deceased members, of Chapters of the Order in B.C. and the Yukon Territory, who need assistance in continuing their education. Consideration will be based primarily on the need of the applicant and secondarily on relative academic achievement.

APPLICATION DEADLINE: July 15.

British Columbia Athletic Awards

Fifteen British Columbia Athletic Awards, each in the amount of \$750 will be provided from the British Columbia Physical Fitness and Amateur Sports Fund and are designed to provide assistance for British Columbia athletes to pursue their athletic and academic careers at post-secondary educational institutions in British Columbia. For regulations contact the Financial Aid Officer.

APPLICATION DEADLINE: June 1.

Hockey Canada Bursary

The Hockey Canada Bursary Program has been established to encourage young men in the pursuit of post-secondary education and the development of proficiency in the game of hockey. These bursaries are open to Canadian citizens or students who have held immigrant status for at least one year and who have graduated from a secondary school or who are presently enrolled or have been enrolled in a post-secondary institution. Qualified applicants are granted awards in the amount of \$300.

APPLICATION DEADLINE: January 31.

Association of Universities and Colleges of Canada Entrance Awards

A member of entrance awards administered by the Associa-

tion of Universities and colleges of Canada. Students are eligible to apply for these awards by virtue of their parents' employment with the relevant donor companies. All awards are tenable for any recognized full-time degree course at any Canadian university or college which is a member of the Association of Universities and Colleges of Canada. Candidates must be prepared to enter university or college in the year of competition.

APPLICATION DEADLINE: June 1.

Margaret Sinn Bursaries (T.)

As a bequest from the Margaret Sinn Estate, a limited number of bursaries of not less than \$100 each are available annually to provide financial assistance to students who have successfully completed at least one academic year (8 months) in a school of nursing in British Columbia.

Each recipient will sign a statement agreeing to return the bursary to the Registered Nurses' Association of British Columbia should she be unable to use the money for the forthcoming year of study in nursing.

APPLICATION DEADLINE: July 15.

The Prince George and District Dental Society (U.T.)

The Prince George and District Dental Society offers a Bursary of \$300 to a graduate of a Senior Secondary School in, or to a student whose permanent residence is in, that part of the County of Cariboo called "Prince George and District". The student must be planning to study Dentistry or be currently studying in a Faculty of Dentistry.

British Columbia Cultural Fund

A scholarship program has been established by the Province of British Columbia to assist in the fine arts education of promising British Columbians. Three types of awards are offered. Junior tuition awards, to a maximum of \$500 each, are tenable for a maximum of four years of full-time study, up to and including second year of a university or college programme. Preference is given to students attending fine arts schools and academies in British Columbia or other Canadian provinces. Senior tuition awards, to a maximum of \$1,500 each, are tenable for a maximum of four years of full-time study for course work programs after completion of second year university degree or professional diploma program. Five professional study awards of \$5,000 each for specified advanced performance or professional training.

B.C. Government Employees Union Student Scholarship

B.C. Government Employees Union offers annual scholarships consisting of five awards worth \$1,000 each for students related to B.C.G.E.U. members in good standing or relatives of deceased or retired members, i.e. spouse, parent, child, brother, sister, grandchild. Applicant must be registering in a B.C. institution for post-secondary or post-graduate studies for courses of 8 months or longer. Students must have an academic standing of C+ or better. For detailed regulations contact the Financial Aid Officer.

APPLICATION DEADLINE: March 31.

British Columbia Association for the Mentally Retarded Bursaries (U.T.)

Bursaries in various amounts are offered by the British Columbia Association for the Mentally Retarded to students in education, medicine, nursing, psychology, and social work in graduate or under-graduate programs who:

- a) are undertaking a full year, part-time or summer school courses 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.

APPLICATION DEADLINE: July 15 and December 15.

Multiple Sclerosis Society Bursary (U.T., T., V.)

The local branch of the Multiple Sclerosis Society is offering a bursary to the amount of \$150 to assist students from families where there is a parent (or a deceased parent) with multiple sclerosis. The applicant's family must be residing in School District No. 57. Applicants must be seeking financial aid for post-secondary training in any accredited university, regional college, vocational or technical institute. The successful applicant will be chosen on the basis of financial need and desire for continuing education rather than scholastic standing.

APPLICATION DEADLINE: May 31.

The Lord Strathcona Fund

The Lord Strathcona Fund provides financial assistance to female students who were born in Great Britain, Scotland, Ireland or Wales.

The William E. and Emily Ross Fund

The William E. and Emily Ross Fund provides bursary support for handicapped students studying at the post-secondary level in B.C.

Canadian Army Welfare Fund Bursaries (U.T., T.)

Canadian Army Welfare Fund Bursaries are available to assist dependents of former members of the Canadian Army to obtain a post-secondary education by providing financial assistance primarily for tuition and text books. All applications must be dependents of former members of the **Canadian Army (Regular)** who served between 1 October, 1946 and 31 January, 1968. The main criteria governing the selection of students for bursaries will be financial need and scholastic ability.

APPLICATION DEADLINE: July 1

Summer Language Bursary Program

Students wishing to improve their knowledge of one of Canada's two Official Languages, will have an opportunity this summer to participate in the Summer Language Bursary Program under the auspices of the Federal Government and Provincial Governments. This six to seven week course is designed to encourage bilingualism among young Canadians at the post-secondary level and will be implemented in selected institutions offering French and English summer classes in Second Languages throughout Canada. These bursaries, to a maximum of \$850 which will defray the costs of tuitions and room and board for the duration of the course, will be paid directly to the Institution by the Council of Ministers of Education, Canada and the Provincial Departments of Education.

Cal Callahan Memorial Bursary (U.T.)

The Pipe Line Contractors Association of Canada offers a bursary, or bursaries, to the total of \$2,000 awarded annually, to sons and daughters or legal wards of persons who derive their principal income from the Pipeline Industry and whose employers are members of the Association. The purpose of these bursaries is to give financial assistance to students who are beginning undergraduate studies in a full program leading to a degree or certificate in any field, at a recognized University or College in Canada.

APPLICATION DEADLINE: September 30.

Imperial Oil Higher Education Awards (U.T.)

Imperial Oil Limited offers annually free tuition and other compulsory fees to the children of employees and annuitants who proceed to higher education courses. Initial awards, or renewal of awards, are restricted to students under twenty-five years of age

on the date of registration for any undergraduate year. To qualify, a student must attain an average mark of 70% or higher in the appropriate secondary school examinations in the subjects required for admittance to the approved institution, or must have attained an average of 70% or more in a college year upon which application is based.

First Citizens Fund (U.T., T., V.)

This fund is available to Indian students of B.C. (status or non-status) who are continuing beyond Secondary School on academic or vocational programs. Awards are made on the basis of educational potential, community involvement, leadership, and financial need. This assistance is for living expenses. Sums of up to \$500 for status Indians and \$700 for non-status Indians can be awarded per academic school year.

The B.C. Indian Arts Society Memorial Bursary (U.T., T., V.)

Two bursaries of \$150 each will be awarded annually by the B.C. Indian Arts Society in memory of those Indian Canadians who gave their lives in either World War. Native Indians or non-status Indian applicants must be from the Province of British Columbia and must be planning to enter one of the established universities or colleges in British Columbia or some recognized technical school or other training centre.

Native Law Students Programme

Financial assistance is made available to or on behalf of Metis and non-registered Indian (Native) students by the Department of Justice to encourage Native people to enter the legal profession. Similar financial support is available from the Department of Indian and Northern Affairs for registered Indians and Inuit students. Assistance covers costs such as living expenses, textbooks and supplies, travel and moving, tuition fees, etc. Further information may be obtained from the Financial Aid Officer.

Mungo Martin Memorial Awards (T., V., U.T.)

The subject awards will be made annually from the proceeds of the Mungo Martin Memorial Fund.

Awards are to be made in any amount or amounts in any year within the limitations of available funds at the sole discretion of the Trustees. (Awards normally expected to be from \$50 to \$300.) The purpose of the awards is to assist people of Indian racial background to further their education, vocational training, skills and competence in arts, handicrafts, and other worthy endeavours.

The Fairbridge Society Bursaries

A number of bursaries, up to approximately \$500 each, are offered each year to children of former members of the Prince of Wales Fairbridge Farm School, Duncan, B.C. These bursaries are available to students at a recognized institution of learning.

Sons of Norway Foundation in Canada (U.T., T., V.)

Three scholarships of \$600 each are offered by Sons of Norway Foundation in Canada to students who have shown interest in Norwegian Culture, History, or Language. They are open to students who show evidence of sound academic performance and financial need.

APPLICATION DEADLINE: July 30.

Rotary Foundation Awards for International Understanding

An opportunity for study abroad is available from the Rotary Foundation of Rotary International to outstanding young men and women who are interested in world affairs and who can fulfill a dual role of student and "ambassador of good will". Rotary Foundation Graduate Fellowships, Undergraduate Scholarships, Technical Training and Teachers Awards offer qualified students,

technicians and teachers of the handicapped an opportunity to contribute to better understanding between the peoples of their home and host countries while pursuing their own career interests. An award covers round trip transportation, educational, living and miscellaneous related expenses for one academic year, plus in certain cases, a period of intensive language training in the study country prior to the commencement of the regular academic year. Awards are made for study in most any field and are tenable in countries in which there are Rotary Clubs. A candidate for a Rotary Foundation educational award must be an outstanding student and must demonstrate personal qualities of leadership, initiative, enthusiasm, adaptability, maturity and seriousness of purpose.

APPLICATION DEADLINE: January.

The British Columbia Forest Products Limited Regional College Scholarships (U.T., T., V.)

Up to eight scholarships of \$250 are offered by British Columbia Forest Products Limited to legal dependents of employees of the Company who, by June 30th of the year in which the awards are made, have or will have served with the Company for at least one year. They are open to students proceeding in the fall from Grade XII to a full program of studies at a regional college. Further information may be obtained from the Financial Aid Officer.

A brochure containing full information on the various sources of financial assistance available to students may be obtained from the Financial Aid Office. In addition to the scholarships, bursaries, and awards donated by various individuals and organizations, the following financial assistance is available to students:

BRITISH COLUMBIA STUDENT FINANCIAL ASSISTANCE PROGRAM

CANADA STUDENT LOAN — PROVINCIAL GRANT

Students requiring financial assistance should obtain and submit the British Columbia Student Financial Assistance application to the Financial Aid Officer at the post-secondary institution they plan to attend, if studying in British Columbia. If funds are required by the beginning of the fall term, applications should be submitted by July 2nd. Applications submitted four weeks after the beginning of classes will be subject to a prorated assessment. Final deadline for submission of applications is eight weeks prior to the last day of classes.

A detailed booklet describing the program in full is available from the Financial Aid Officer. The following describes the basic elements of the program:

1. Program

A comprehensive program of assistance for post-secondary students has been introduced by the Federal Government in conjunction with the B.C. Provincial Government to ensure that students are not denied the opportunity to reach their educational objectives due to financial barriers. The purpose of this program is to assist students whose resources are insufficient to provide for the cost of full-time studies at the post-secondary level of education. Funds under the program are therefore granted only where the financial resources available to students from parents, summer work, or other sources are insufficient to meet their estimated educational costs.

The funds awarded under this program will normally be disbursed through a combination of funds drawn from the Provincial Grant Fund and the Federal Canada Student Loan Plan.

2. Eligibility

Funds will be provided to eligible students undertaking a minimum of 60 percent of a full program of study leading to a certificate, diploma, or first degree. Students enrolled in a vocational program of 12 weeks in length are also eligible to apply. The amount of assistance awarded will be based on assessed need as determined by the Provincial Authority.

3. Canada Student Loan

Interest on your loan is paid by the Federal Government as long as you are registered as a full-time student and for six months thereafter. You should discuss the interest rates with your lending institution (bank, credit union, etc.) since rates vary from year to year. Students who have received Canada Student Loans, but who do not negotiate one for their immediate period of study, should submit a schedule II to their lending institution in order to retain interest free status. A copy of this form may be obtained from your lending institution.

SPECIAL ASSISTANCE PROGRAM

This program is to provide financial assistance to students who do not qualify under the regular British Columbia Student Financial Assistance Program. This program is not intended to provide funds to cover normal maintenance but rather to cover expenses which are of a direct result of the applicant taking a course of studies, such as tuition, and books. The maximum assistance available will be \$300 per educational year (\$150 per semester) and will be in the form of a grant.

Students enrolled in the following courses are eligible to apply:

- A Less than 60% of a full-time program of credit courses leading to a certificate, diploma or first degree;
- B Technical/Vocational courses at public post-secondary institutions of less than 26 weeks in duration;
- C B.T.S.D.

Further information and application forms may be obtained from the Financial Aid Officer.

THE WORK-STUDY PROGRAM

The Work-Study Program is designed to provide on-campus work experience for students requiring financial assistance while attending a post-secondary institution.

A limited number of part-time on-campus jobs, averaging 5 to 15 hours per week, may be made available to post-secondary students.

For further information, contact the Financial Aid Officer.

ABE STUDENT ASSISTANCE PROGRAM

The ABE Student Assistance Program has been established to give financial aid to Adult Basic Education students. This program will assist **needy students** with direct educational costs, such as tuition fees, books and related expenses.

Applicants must be British Columbia residents, that is, B.C. must be the province in which they have last resided for 12 consecutive months.

Students receiving maintenance assistance from another government agency, such as Human Resources, Canada Manpower or Department of Indian Affairs, must apply for educational funding from that agency.

Students who will be registering for ABE classes at CNC in Prince George should see the Financial Aid Officer if they require financial assistance. Students planning to register for classes in region should see the Area Director.

B.C. YOUTH FOUNDATION LOANS

Interest free loans are made by the B.C. Youth Foundation to bona-fide B.C. young people to a maximum age of thirty. Loans may be for fees, books, and/or monthly allowance to assist with living expenses where the applicant is not living at home. Students who are unable to qualify for a Canada Student Loan may apply for a loan from the B.C. Youth Foundation. A suitable adult guarantor is required.

Further information may be obtained from the Financial Aid Officer.

TRAINING ALLOWANCES FOR THE PHYSICALLY, PSYCHOLOGICALLY, OR SOCIALLY HANDICAPPED

Financial assistance is available through Community Vocational Rehabilitation Services in the Ministry of Health. The assistance is made available under the Vocational Rehabilitation of Disabled Persons Act to any individual who is incapable of pursuing regularly an occupation which meets his basic economic needs.

Assistance is not limited to people in vocational training only; academic and technological course work is also endorsed when there is firm evidence that this level of training is required to assist the individual to become employable.

It should be noted that such assistance must be part of a rehabilitation plan approved by the service. Please address enquiries to:

Rehabilitation Consultant
Northern Interior Health District Centre
1444 Edmonton Street
Prince George, B.C. V2M 6W5
Telephone 563-1631

CANADA EMPLOYMENT AND IMMIGRATION COMMISSION (CANADA MANPOWER)

CEIC will sponsor students in certain approved Vocational programs which lead directly to employment. To be eligible, a person must be at least 16 years of age and have been out of school for at least one year. If approved for training, CEIC will pay tuition fees and a maintenance allowance. Apply at your local CEIC Office.

CNC SUBSIDY

The College Council has established an accommodation subsidy for in-region students whose permanent residence is more than 30 km 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 a government agency such as Canada Employment and Immigration Commission, Ministry of Labour, or Department of Indian Affairs are not eligible for the CNC subsidy.

The subsidy is paid to qualifying students at the end of each month they are in regular attendance at the following rates:

- 1. Students enrolled in 9 credit hours - \$85 per month.
- 2. Students enrolled in more than 9 credit hours or in other full-time programs of at least 16 weeks - \$125 per month.

To receive the CNC Subsidy, a student must:

- a) Apply to the Financial Aid Officer for the CNC Subsidy.
- b) Prove his permanent residence is in-region and more than 30 km from the College if requested to do so.
- c) Be formally enrolled in the College.
- d) Regularly attend classes.
- e) Obtain the Verification of Attendance form from the Student Services office at the end of each month, have it signed by the instructor(s), and return the form to Student Services on the last day of the month (or within the following two weeks) at which time cheques will be released.

ROTARY EMERGENCY LOAN FUND

The Prince George Rotary Club has donated a sum of money from which students may be granted emergency short term loans of up to \$100.

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 should be made at the Counselling Centre or Financial Aid Office.

ADULT BASIC EDUCATION PROGRAMS

These College programs are designed for people who want to acquire basic literacy skills, to complete a secondary school education, or to learn how to compete more successfully in the labour market. Successful completion of such programs will prepare students for admission to vocational training or post-secondary studies and/or for actively seeking employment.

All of the following components of the ABE program are offered on the Prince George campus and most are offered at major centres in the College region through the Continuing Education Division.

1. **Basic Literacy Programs** — programs in the basics of reading, writing, and computing necessary for further studies or for coping with real life situations.
2. **Academic Preparation** — course work designed to prepare students for vocational, technological, or university study at the College or other post-secondary institutions.
3. **English Language Training** — courses for new Canadians needing to learn English, and more advanced courses to improve written and spoken English of those for whom it is a second language.
4. **Vocational Preparation** — courses designed to provide the basic skills necessary to compete in the labour force.

BASIC LITERACY PROGRAMS Volunteer Adult Literacy Tutoring (VALT)

The College's VALT program provides one-to-one tutoring for adults who wish to acquire basic reading skills to the Grade 5 level. There are two elements to this program: First, the College provides training in literacy tutoring for volunteers from the community who wish to serve as tutors. Training sessions for tutors are usually held every three months. Second, the College assesses the need for tutoring of adults who require basic reading skills and pairs them with trained tutors. The students and their tutors usually meet for two to four hours per week at times and places of their choosing.

ADMISSION REQUIREMENTS: For tutors; The desire to work with an adult requiring basic reading skills and the commitment to provide such services on a volunteer basis.

For Students: The need for basic reading skills; a lack of serious learning disabilities.

COMMENCEMENT DATES: Tutor training sessions will be held in the fall, winter and spring. For information on times and locations, contact the ABE Division.

Students start in the program when a trained tutor is available for them.

FEES: There are no fees for this program.

Basic Literacy Courses

Course work in basic literacy concentrates on communications (English) and Mathematics.

Level I (grades 1-5) English 010
Mathematics 010

Level II (grades 6-8) English 020
Mathematics 020

ADMISSION REQUIREMENTS: Applicants must be 17 years of age, must have been away from the public school system for a period of at least one year, and must be capable of concentrated independent study.

Placement testing may be required of students entering basic literacy courses so that appropriate course work can be assigned.

Sponsorship for level II studies may be available through C.E.I.C. (Canada Manpower) — ask for the BTSD (Basic Training for Skills Development) program — or through other agencies.

LENGTH OF PROGRAM: Program length varies to suit individual needs. Level I and level II studies may require up to five months each.

COMMENCEMENT DATES: On-campus level II programs are offered year round, with monthly admissions; level I courses are offered from September to April, with monthly admissions. For information on regional courses, contact the local office of the College's Continuing Education Division.

FEES: Tuition: \$33.00 per course
Student Association: Full-time \$10.00
Part-time \$2.50 per course

Registration: \$1.00

ACADEMIC PREPARATION PROGRAMS

Students who need to complete certain prerequisites of CNC vocational, technological, or university programs may enroll in academic preparation programs on a full or part-time basis. Studies in English, Mathematics, and the Sciences through the level of secondary school completion are offered.

Level III (grades 9-10) English 030 (three courses
Mathematics 030 constitute
Science 030 full-time study)

Level IV (grades 11-12) English 040
Mathematics 040 (English
Biology 040 Mathematics
Chemistry 040 and two sciences
Physics 040 constitute full
Science 041 time study)
English 041

ADMISSION REQUIREMENT: Applicants must have basic English and Mathematics skill, must be 17 years of age, must have been away from the public school system for at least one year, and must be capable of concentrated independent study.

Placement testing may be required of students entering academic preparation programs so that appropriate course work can be assigned.

Sponsorship for level III and level IV studies may be available through C.E.I.C. (Canada Manpower) — ask for the BTSD (Basic Training for Skills Development) program — or through other agencies.

LENGTH OF PROGRAM: Program length varies, depending on individual needs. Level III studies usually require four months; Level IV studies usually require six months.

COMMENCEMENT DATES: On-campus level III and level IV programs are offered year round. Admissions to day-time programs are accepted monthly. Evening programs begin in September and January. For information on regional courses, contact the local office of CNC's Continuing Education Division.

FEES: Tuition: \$33.00 per course
Student Association: Full-time \$10.00
Part Time \$2.50 per course
Registration: \$1.00

BASIC TRAINING FOR SKILLS DEVELOPMENT (BTSD)

Basic training for Skills Development (BTSD) is another title for Basic Literacy and Academic Preparation programs. Admission criteria for other College programs often mention completion of a certain level of B.T.S.D. as a requirement.

Students completing full-time studies in one of the levels of the Basic Literacy or Academic Preparation programs will receive a certificate of completion for the B.T.S.D. program at that level.

Sponsorship for the B.T.S.D. program may be available through C.E.I.C. (Canada Manpower). C.E.I.C.'s requirements for sponsorship differ from the College's admission criteria for these programs. If you wish to be sponsored by C.E.I.C. for a level of studies in Basic Literacy or Academic Preparation, contact your local C.E.I.C. office and inquire about the **B.T.S.D. Program**.

GRADE 12 EQUIVALENCY TESTS (GED)

The General Educational Development (GED) Tests are used to award a secondary school (Grade 12) equivalency certificate. This secondary school certificate is often used for employment, job advancement, and admission to educational programs. The tests cover writing skills, social studies, science, reading skills, and mathematics.

ADMISSION REQUIREMENTS: Applicants must meet the following three requirements at the time of application:

Minimum age of nineteen.

British Columbia residency of at least six months immediately preceding the date of application to write.

Out of school for at least one full academic year.

COMMENCEMENT DATES: The GED Tests are administered at CNC approximately eight times a year. Preparation classes (CNC 150-0) are held prior to each test. The classes are for five weeks (45 hours) and stress English and Mathematics. For information on regional courses contact the local office of C.N.C.'s Continuing Education Division

ENGLISH LANGUAGE TRAINING PROGRAMS

A variety of programs in "English as a Second Language" are offered by the Division. These courses will help new Canadians or others who have problems in reading, writing, or speaking English.

Students entering the program may be asked to write placement tests assessing their skills in English to that they may be placed at the appropriate level of study.

Full-time Courses

Beginner's Courses

Designed for those with no skills in English. Participants will learn pronunciation, intonation, and stress patterns of speech. Class discussion is encouraged to help develop conversational English. Sessions will be supplemented with guest presentations, films, audio tapes, and tours.

LENGTH OF PROGRAM: 6 months (full-time).

COMMENCEMENT DATE: September. Additional courses may be offered during the year as demand requires.

FEES: Tuition \$99.00
Student Association \$15.00
Registration \$1.00

Part-time Courses

Part-time courses are offered as demand arises.

Beginners' Courses: Cover the material described above.

Intermediate Courses: Designed for those with a basic understanding of English.

Advanced Courses: Offered to those wishing to upgrade their writing and speaking skills to a college entrance level.

COMMENCEMENT DATES: September and January. Additional courses may be started during the year as demand requires.

FEES: Tuition: \$33.00 per course
Registration: \$1.00

VOCATIONAL PREPARATION PROGRAMS

Basic Employment Skills Training

A program designed to prepare people to directly enter the labor market or to enter further upgrading or skill training. Content will include communication and listening skills, problem solving skills, work experience, career exploration, and job search techniques.

ADMISSION REQUIREMENTS: This course requires no specific educational standing; applicants should be able to read, write, and follow directions. Applicants should be 19 years of age, and be committed to finding employment or seeking further training.

LENGTH OF PROGRAM: 2 months.

COMMENCEMENT DATES: On-Campus courses begin every second month, starting in September. For information on regional courses, contact the local office of C.N.C.'s Continuing Education Division.

FEES: Tuition \$33.00
Registration \$1.00

Employment Orientation for Women

For women who would like to enter the labour force, this program offers a chance to assess their skills, and choose a career that will suit their needs, abilities, and aptitude. Content will include communication and listening skills, problem solving skills, career exploration, and job search techniques. The program is designed to build confidence and assist women in choosing and preparing for a career.

ADMISSION REQUIREMENTS: This course requires no specific educational standing; applicants should be able to read, write and follow directions. Women applying for the program should be 19 years of age and be committed to the goals of the course.

LENGTH OF PROGRAM: 2 months

COMMENCEMENT DATES: On-campus courses begin every 2 months, starting in September. For information on regional courses contact the local office of C.N.C.'s Continuing Education Division.

FEES: Tuition \$33.00
Registration \$1.00

Youth Employment Skills

This course is designed for young people who have left the regular school system and are having problems adjusting to the world of work. It fosters personal development and provides young people with a chance to plan for a future based on their abilities and aptitudes. Job search techniques include two weeks of actual work experience.

ADMISSION REQUIREMENTS: Applicants should be between 15 and 18 years of age, have been out of the regular school system for at least two months, and be committed to finding a job or seeking further training.

LENGTH OF PROGRAM: Two months

COMMENCEMENT DATES: On-campus courses begin every two months, starting in September. For information on regional courses, contact the local office of CNC's Continuing Education Division.

FEES: There are no fees for this program.

ADULT BASIC EDUCATION PROGRAMS ADMISSIONS AND REGISTRATION

ADMISSION REQUIREMENTS

Admission requirements may vary. Please check the **ADMISSION REQUIREMENTS** for each program.

ADMISSION PROCEDURES

For Volunteer Adult Literacy Tutoring (VALT):

Contact VALT Coordinator at 562-2131 Loc. 288.

For Basic Literacy Courses and Academic Preparation Programs:

- (i) Write or inquire at the Registration Office for Continuing Education for an application form.
Registration Office (Continuing Education)
Student Services
College of New Caledonia
3330 22nd Avenue
Prince George, B.C. V2N 1P8
562-2131 Loc. 359 or 562-3532
- (ii) The completed application form should be submitted to the College.
- (iii) These programs may require pre-testing for placement. Applicants will be assigned a test date upon receipt of the application.
- (iv) Persons requiring program advice are encouraged to consult with a counsellor.
- (v) Students must register at the time indicated on their permission to register letter. Registration is not complete until all fees have been paid.

- (vi) Students contemplating changing courses should consult with a counsellor. All course and section changes require College approval.
- (vii) To withdraw from a course students should have the instructors complete a Course Drop form and submit it to the Registration Office for Continuing Education.

For Grade 12 Equivalency tests (GED), English Language Training, and Vocational Preparation Programs:

- (i) Inquire at the Registration Office for Continuing Education (level two, Vanderhoof Building).
562-2131 Loc. 359 or 562-3532
- (ii) Applicants must pay for programs at the time of application.
- (iii) Persons requiring program advice are encouraged to consult with a counsellor.
- (iv) To withdraw from a course, return the Income Tax Receipt to the Registration Office for Continuing Education.

PRIORITY

ALL APPLICANTS ARE URGED TO APPLY FOR ADMISSION AS EARLY AS POSSIBLE AS FIRST PRIORITY MAY BE GIVEN TO THE EARLIEST APPLICANT.

ADULT BASIC EDUCATION FEES AND EXPENSES

FEES (Under Review and May Change)

Fees may vary. Please check the FEES for each program. No fees will be charged to Senior Citizens.

CANADA EMPLOYMENT AND IMMIGRATION COMMISSION SPONSORSHIP

Canada Employment and Immigration Commission purchases spaces in some programs. Before applying for admission as a fee paying student, you may wish to check with your local CEIC Office to determine your eligibility for sponsorship by CEIC.

For information on those programs which are eligible for sponsorship by CEIC, call the CNC Counselling Centre or your local CEIC Office.

SPONSORED STUDENTS

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

PAYMENT OF FEES

Tuition and Student Association fees are collected at the time of registration. Canada Employment sponsored students must pay the \$1.00 Registration Fee and the Student Association Fee. Other sponsored students may present a letter from the sponsoring agency promising payment.

Students who are unable to pay their fees at the time of registration and who are unable to obtain financial assistance from the Financial Aid Officer will not be permitted to register, unless prior approval is obtained from the Dean of Student Services

MISCELLANEOUS FEES

| | |
|--------------|-----|
| Grade Appeal | \$5 |
| Transcript | 2 |

| | |
|----------------------------------|---|
| Duplicate Diploma | 5 |
| I.D. Card Duplicate | 1 |
| Locker Rental | 2 |
| Duplicate Permission to register | 1 |
| Duplicate Grade Statement | 1 |
| Duplicate income tax receipt | 1 |

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

HOUSING AND MAINTENANCE EXPENSES

The average cost for room and board in Prince George is \$250 - \$350 per month.

REFUNDS

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

SCALE OF WITHDRAWAL REFUNDS:

- a) An 80% refund of fees will be made if the student withdraws within two weeks after commencement of classes or prior to completion of 15% of the course in courses/programs less than 4 months in length.
- b) A 50% refund of fees will be made if the student withdraws within the third or fourth week after commencement of classes or prior to completion of 25% of the course in courses/programs less than 4 months in length.
- c) No refund will be made if the student withdraws more than four weeks after commencement of classes, or after 25% of the course has been completed in courses/programs less than 4 months in length.

ABE STUDENT ASSISTANCE PROGRAM

ABESAP is a provincially sponsored program established to give financial aid to Adult Basic Education students enrolled at Secondary/Post-Secondary institutions. This program will help needy students with direct educational costs such as tuition, books, supplies and related expenses. Contact the Financial Aid Officer.

ADULT BASIC EDUCATION GRADES AND TRANSCRIPTS

EVALUATION AND GRADING

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

GRADES

Alphabetic symbols may be used to report academic success.

LETTER GRADE

- A Outstanding achievement
- B+ Good achievement
- B Good achievement
- C+ Satisfactory achievement. The lowest standing on which to base further study in a discipline.
- C Satisfactory achievement. The lowest standing on which to base further study in a discipline.
- P Pass Standing below that required for further study in a discipline. Permission is required to continue in a sequential course.
- F Fail. Unsatisfactory achievement.
- I Incomplete. Grade and credit withheld until all requirements of the course have been met. Will require completion of all required work within 4 weeks of the last day of classes or an 'F' grade will be assigned.
- S Satisfactory achievement in courses where letter grades are not assigned.
- 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.

STATEMENT OF GRADES

At the end of a program 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 or certificate will be released.

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 Registrar's Office.

TRANSCRIPTS

The Official Transcript includes a record of the student's grades and is imprinted with the College Seal and signed by the Registrar.

Transcripts may be obtained from the Student Services at a cost of \$2 per copy. The College will forward transcripts to other institutions or potential employers, etc. only with the specific permission of the student involved.

ADULT BASIC EDUCATION COURSES

BIOLOGY

BIO 040 Advanced Preparatory Biology

A lab-oriented course dealing with the basic elements of biology. It includes study of the microscope and other research tools, the cell, classification genetics, photosynthesis and respiration, ecology evolution, human biology or, botany or zoology.

PREREQUISITE: Science 030 or Grade 10 Science.

CHEMISTRY

CHEM 040 Advanced Preparatory Chemistry

This course covers such topics as: atomic theory and structure, periodic table, nomenclature, chemical bonding, mole and weight relations, acids, bases and salts, oxidation-reduction, solutions, gas laws, equilibrium, organic and bio chemistry, nuclear chemistry and environmental chemistry. Lab work is a necessary and integral part of the course.

PREREQUISITE: Science 030 or Grade 10 Science.

GRADE 12 EQUIVALENCY TESTS (GED)

CNC 150-0 GED Preparation

A five-week (45 hour) preparatory course emphasizing Mathematics and English to the Grade 12 level. Also, an approach to exam writing will be discussed. Counselling advice regarding post-secondary options will be available. The course prepares the adult to successfully pass the Grade 12 Equivalency Tests (GED)

PREREQUISITES: Age nineteen and a B.C. resident.

ENGLISH

ENGL 010 Basic Literacy

This course covers language skills including phonics, vocabulary and reading development up to the Grade 5 level.

ENGL 019 English as a Second Language - Intermediate

The intermediate class is designed to advance the speaking, writing and reading skills of those who already have a basic knowledge of English or have taken the English as a Second Language Beginner's course.

ENGL 020 Basic Preparatory English

A refresher course in English including fundamental skills in reading, writing and grammar.

PREREQUISITE: Basic Literacy in English or Engl 010.

ENGL 030 Intermediate Preparatory English

Course topics include paragraph and theme writing, reading skills, business letters, composition, and literature.

PREREQUISITE: Engl 020 or Grade 8 English.

ENGL 040 Advanced Preparatory English

This course is a continuation of Engl 030 and includes advanced grammar, sentence structure, paragraph and theme writing, research and report writing, oral presentations, and reading skills.

PREREQUISITE: Engl 030 or Grade 10 English.

ENGL 041 Advanced Reading and Writing

This course is a study of recent literature in the short story form. It will also include essay writing on selected subjects.

PREREQUISITES: Engl 030 or Grade 10 English.

MATHEMATICS

MATH 010 Whole Number Arithmetic

This course is an introduction to basic arithmetic, including whole numbers, addition, subtraction, multiplication, and division.

PREREQUISITE: Basic understanding of English

MATH 020 Basic Preparatory Mathematics

This course is a review of basic operations in whole numbers, fractions, decimals, and percent.

PREREQUISITE: A basic familiarity with our number system.

MATH 030 Intermediate Preparatory Mathematics

This course includes an introduction to the metric system, ratio and proportion, roots and powers, manipulation of formulas, an introduction to algebra, and basic geometry.

PREREQUISITE: Math 020 or Grade 8 Mathematics.

MATH 040 Advanced Preparatory Mathematics

This course includes a core of algebra, factoring, radicals, exponents, graphing, solution of linear, simultaneous, and quadratic equations, and formulas, plus options which include analytical or practical geometry, trigonometry, vectors,

logarithms, series and progressions, and/or business topics.

PREREQUISITE: Math 030 or Grade 10 Mathematics

PHYSICS

PHYS 040 Advanced Preparatory Physics

Basics at a Grade 11-12 level. Topics include mechanics, electricity, magnetism, heat, wave theory, light, and sound.

PREREQUISITES: Math 030 or Grade 10 Mathematics and Science 030 or Grade 10 Science.

SCIENCE

SCI 030 Basic General Science

This course is designed to aid practitioners who are involved in Physics and Geology at an introductory level. To receive credit for the course, two of these components must be taken. The two taken depend on the future goals of the student.

PREREQUISITE: Grade 8 or Level II.

SCI 041 Study of Everyday Science

This course will involve a brief study of Biology, Chemistry, Physics and Earth Science as they affect everyday life. It is recommended only as a general interest course in science and is not a prerequisite for further science study.

ACADEMIC PROGRAMS

AGRICULTURAL SCIENCES

The Faculty of Agricultural Sciences, University of British Columbia, is cooperating with CNC to offer some first and second year Agricultural Sciences courses which allow CNC university transfer students to complete at least the requirements for the first year of the 4-year UBC program leading to a Bachelor of Science in Agriculture degree. B.Sc. (Agr) graduates finding employment opportunities in primary agriculture; in the agriculture service industry; with financial, education and research institutions; and as private consultants.

ADMISSION REQUIREMENTS: For CNC university transfer courses see page Credit for UBC Agricultural Sciences courses require application and admission to the University of British Columbia. Students from B.C. schools must have English 11 and 12; Social Studies 11; Algebra 11 and 12; any two and preferably all three of Biology 11, Chemistry 11, and Physics 11; a "12" level science course; a "12" level arts or science course; French 11 or a foreign language "11" course.

LENGTH OF PROGRAM: Minimum of 2 semesters.

COMMENCEMENT DATE: September

THE PROGRAM:

SEMESTER I

| | |
|--------------------------------|----------|
| UBC Agricultural Sciences 100 | AGSC 100 |
| UBC Agricultural Sciences 110 | AGSC 110 |
| Biology for Science Majors I | BIO 101 |
| Calculus I | MATH 101 |
| Fundamentals of Chemistry I | CHEM 101 |
| or Introduction to Chemistry I | CHEM 103 |
| Literature and Composition I | ENGL 101 |
| Principles of Economics | |
| --Macroeconomics | ECON 201 |

SEMESTER II

| | |
|---|----------|
| UBC Animal Science 258 | ANSC 258 |
| or alternate Agricultural Sciences course | |
| Biology for Science Majors II | BIO 102 |
| Calculus II | MATH 102 |
| Fundamentals of Chemistry II | CHEM 102 |
| or Introduction to Chemistry II | CHEM 104 |
| Literature and Composition II | ENGL 102 |
| or Composition and Style | ENGL 103 |
| Principles of Economics | |
| --Microeconomics | ECON 202 |

Students interested in agricultural sciences should contact the

UBC Agriculture representative or a counsellor at the College of New Caledonia.

APPLIED SCIENCE (ENGINEERING) U.B.C.

In British Columbia Engineering training consists of five years of post-secondary education leading to a Bachelor of Applied Science degree (B.A. Sc.) awarded by the University of British Columbia.

Engineering studies at U.B.C. are offered in nine different fields of specialization. They are: Bio-Resource Engineering, Chemical Engineering, Civil Engineering, Electrical Engineering, Geological Engineering, Mechanical Engineering, Metallurgical Engineering, Mineral Engineering, and Engineering Physics.

ADMISSION REQUIREMENTS: Grade 12, GED, or BTSD IV; Algebra 12 or Mathematics 12, Chemistry 11, and Physics 11. Physics 12 and Chemistry 12 are recommended.

LENGTH OF PROGRAM: Two years at C.N.C. followed by three years at U.B.C.

COMMENCEMENT DATE: September

FEES: See page 31.

THE PROGRAM:

Pre-Engineering Year (First-Year Science at C.N.C.)

SEMESTER I

| | | |
|-------------------------------|--|--------|
| Literature and Composition I | ENGL 101-3 | |
| Literature and Composition II | ENGL 102-3 | One of |
| Composition and Style | ENGL 103-3 | |
| Calculus I | MATH 101-3 | |
| Introductory Physics I | PHYS 101-3 | One of |
| General Physics I | PHYS 105-3 | |
| Fundamentals of Chemistry I | CHEM 101-3 | One of |
| Introduction to Chemistry I | CHEM 103-3 | |
| Elective | (Sequence of two courses in same discipline) | |

SEMESTER II

| | | |
|-------------------------------|--|--------|
| Literature and Composition I | ENGL 101-3 | |
| Literature and Composition II | ENGL 103-3 | One of |
| Composition and Style | ENGL 103-3 | |
| Calculus II | MATH 102-3 | |
| Introductory Physics II | PHYS 102-3 | One of |
| General Physics II | PHYS 106-3 | |
| Fundamentals of Chemistry II | CHEM 102-3 | One of |
| Introduction to Chemistry II | CHEM 104-3 | |
| Elective | (Sequence of two courses in same discipline) | |

FIRST-YEAR APPLIED SCIENCE (Engineering) at C.N.C.

Completion of the Pre-Engineering year curriculum with a minimum grade point average of 2.5 over the two semesters in each of Mathematics, Physics, and Chemistry with no grade of less than "C" in these courses, and a passing grade in the other subjects.

SEMESTER I

| | |
|----------------------------------|------------|
| Calculus III | MATH 201-3 |
| Linear Algebra | MATH 204-3 |
| Thermodynamics | PHYS 201-3 |
| Mechanics I | PHYS 204-3 |
| Introduction to Physical Geology | EGEO 101-3 |
| Engineering Drawing I | DRAW 141-2 |

SEMESTER II

| | |
|---|------------|
| Calculus IV | MATH 202-3 |
| Differential Equations | MATH 215-3 |
| Electricity and Magnetism | PHYS 202-3 |
| Mechanics II | PHYS 205-3 |
| Physical Chemistry | CHEM 201-3 |
| Engineering Drawing II | DRAW 142-2 |
| Any Arts course that is transferable to U.B.C. Arts Faculty | ELECTIVE |

ASSOCIATE OF ARTS

Diploma

To obtain an Associate of Arts Diploma a student must complete 60 credit hours of approved courses according to the following schedule:

21 credit hours must be from the 200 level

24 credit hours must be obtained at CNC (including the last 12)

6 credit hours must be from English 101, 102, 103, or 104

6 credit hours must be from the Natural Sciences

| | |
|-----------|-------------|
| Astronomy | Geology |
| Biology | Mathematics |
| Chemistry | Physics |
| Geography | |

36 credit hours must be from the Liberal Arts or Social Sciences

| | |
|--------------|-------------------|
| Anthropology | History |
| Art | Music |
| Criminology | Philosophy |
| Economics | Political Science |
| English | Psychology |
| French | Sociology |

These must include:

6 credit hours from English 101, 102, 103, or 104

6 credit hours from the Social Sciences

| | |
|--------------|-------------------|
| Anthropology | Political Science |
| Criminology | Psychology |
| Economics | Sociology |

The remaining credit hours must be selected from approved college courses. Approved courses will include all University Transfer courses as well as other designated courses. For more information contact the Counselling Centre.

A minimum overall G.P.A. of 2.0 must be attained with no more than six credit hours below a G.P.A. of 2.0.

ADMISSION REQUIREMENTS: Grade 12, GED or BTSD IV.

LENGTH OF PROGRAM: 4 semesters.

COMMENCEMENT DATE: September or January.

FEES: See page 31.

BROADCAST TECHNOLOGY

The Broadcast Technology Program is designed to provide trained personnel in broadcast journalism and radio and television production. The educational emphasis is on versatility so that a graduate may find employment within a variety of occupations in the broadcast industry. The program is designed to provide the student with both general academic background and the technical skills required for either television production or broadcast journalism.

Students complete their first year of the Program at CNC and then transfer to British Columbia Institute of Technology for a second year in either Broadcast TV or Broadcast Journalism options.

ADMISSION REQUIREMENTS: Grade 12, GED or BTSD IV. Admission is in part determined by a personal interview. Applicants who are uncertain as to whether or not they have an adequate educational background should consult the Student Services Division. Enrollment is limited; therefore, early application is advised.

COMMENCEMENT DATE: September

FEES: For CNC sessions see page 31.

Additional fees will be charged for technical intersessions all of which are conducted by BCIT.

THE PROGRAM: (currently under review)

SEMESTER I

| | |
|--|------------|
| Business Fundamentals | BUS 153-3 |
| Effective Communication I | ENGL 151-3 |
| Introduction to Economics | ECON 101-3 |
| Introduction to Geography | GEOG 101-3 |
| World History - Mid 20th Century | HIST 102-3 |
| Technical Intersession (1 week) in Prince George | |

SEMESTER II

| | |
|--|----------------------------|
| Anthropology - one of | ANTH 101-3 or ANTH 102-3 |
| Effective Communication II | ENGL 152-3 |
| English Literature - one of | ENGL 101-3, 102-3 or 103-3 |
| Creative Writing | ENGL 205-3 |
| Canadian Economic Issues | ECON 102-3 |
| Political Science - one of | POSC 201-3 or 202-3 |
| Technical Intersession - 1 week in Prince George | |
| Technical Intersession - 1 month at BCIT | |

BUSINESS ADMINISTRATION

Diploma

Two year Diploma Programs in Electronic Data Processing, Accounting and Business Administration.

(Diploma Programs in Marketing and Management Studies are proposed and under review for Fall 1982. Please contact Counselling Centre for further information.)

These programs will prepare students for entry into management trainee and specialist positions in a wide range of businesses and institutions. Government, retailing and wholesaling, banking and finance, manufacturing and service businesses represent some of the major career avenues in which the graduate will be able to seek employment. Job opportunities are excellent, and a number of employers recruit on campus.

One of the most important criteria applied in selecting courses for the two year programs is their relevance to the student seeking access to a specialist and/or management career in the business field. Advisory committees made up of community people from a wide variety of companies and professions are constantly reviewing the programs and making recommendations as the field changes, to ensure that CNC programs keep in touch with the latest developments and community needs in business education.

The orientation in the program is thus on a combination of technical and management skills plus technical and management

theory which the student can apply to his or her business career. Throughout the program, considerable attention is paid to bringing the student into contact with the business world through such activities as field projects, guest lectures, field trips and through contact in the classroom with students with experience in the business community.

Four professional accounting bodies recognize CNC courses in accounting, data processing, and business administration as being equivalent to many courses in their own programs of study. These exemptions are granted by the Institute of Chartered Accountants, the Society of Management Accountants, the Certified General Accountants Association and Institute of Accredited Public Accountants of B.C. (APA).

See page 65 for Business Administration Transfer Guide.

Any student considering a career in the accounting profession should discuss his or her plans with an instructor so that he or she can be provided with complete details on these programs.

While the program can be completed in four semesters, it is also worthwhile to consider spreading the 23 courses over 5 or 6 semesters, for instance to allow for part-time employment. Many first and second year courses are offered in the evening to allow students who work during the day to attend classes.

Students may challenge any course in which they feel they have adequate background. A successful challenge will result in the student being granted CNC credit for that course.

RECOMMENDED SECONDARY SCHOOL COURSES: Book-keeping 11, Consumer Math 11 or Algebra 11.

LENGTH OF PROGRAM: 4 semesters.

COMMENCEMENT DATES: September 2. Part-time entry is possible in January and students should consult a counsellor.

FEES: See page 31.

OTHER EXPENSES: (Estimated) - \$230.00

THE PROGRAM:

The first two semesters of the program are designed to provide the student with introductory courses in Business Management, Accounting and Electronic Data Processing and to develop essential background skills in Math and English.

The first year is designed also to provide students with an overview of the entire career field of business, so that they may find it easier to make an informed career choice.

There are several options open to students of the Business Administration Program:

| | |
|----------------------------|----------------------|
| Accounting and Finance | Marketing (Proposed) |
| Business Administration | Management Studies |
| Electronic Data Processing | (Proposed) |

Students must select their program in consultation with a faculty member from Accounting, Business Administration or EDP. It is recommended that this be done before enrolling in the second semester.

COMMON TO ALL OPTIONS (Courses under review. Contact the Counselling Centre)

| | |
|------------------------------|------------|
| SEMESTER 1 | |
| Accounting I | BUS 151-3 |
| Business Fundamentals I | BUS 153-3 |
| Effective Communication I | ENGL 151-3 |
| Mathematics of Finance | MATH 154-3 |
| Data Processing Fundamentals | EDP 151-3 |

ACCOUNTING AND FINANCE OPTION

This option is provided for those who wish to prepare themselves for a career in the field of accounting and finance. Excellent career paths are accessible to students who choose this route. As mentioned before, many of these courses are accepted by the professional accounting associations, and a graduate of the program may continue his or her education through progress towards professional certification. Employment opportunities are numerous in the accounting field in many companies — small and large — both as a public accountant and as a specialist within the

company. At a later stage, the graduate may wish to branch out into other areas of business, and accounting experience and training is a fine preparation for this.

SEMESTER 2 (Courses under review. Contact the Counselling Centre)

| | |
|-------------------------------------|------------|
| Accounting II | BUS 152-3 |
| Applications in Accounting | BUS 156-3 |
| Introduction to Business Statistics | MATH 157-3 |
| Effective Communication II | ENGL 152-3 |
| Introduction to Economics* | ECON 151-3 |
| Computer Programming I | EDP 152-3 |

SEMESTER 3

| | |
|---------------------------|------------|
| Intermediate Accounting | BUS 251-3 |
| Cost Accounting I | BUS 253-3 |
| Financial Management I | BUS 257-3 |
| Canadian Economic Issues* | ECON 152-3 |
| Business Law I | BUS 293-3 |
| Human Relations | BUS 268-3 |

SEMESTER 4

| | |
|----------------------------|-----------|
| Intermediate Accounting II | BUS 252-3 |
| Cost Accounting II | BUS 254-3 |
| Financial Management II | BUS 258-3 |
| Credit and Collections | BUS 261-3 |
| Business Law II | BUS 294-3 |
| Organizational Behaviour | BUS 274-3 |

*Economics 201/202 may be substituted with instructor's permission.

BUSINESS ADMINISTRATION OPTION

This option prepares students for junior or trainee management positions in a wide range of businesses and governmental agencies. Banking, retailing, manufacturing and service businesses represent a few of the main fields of business where a student may follow a career. The courses in this option do not favour a concentration in specialized course work but rather provide student a broad spectrum of content in such fields as marketing, finance, law, organizational behaviour, human relations, and economics. There are a number of courses also which will give the student an opportunity to acquire skills and experience in such management areas as credit and collections, small business management, and purchasing.

SEMESTER 2 (Courses under review. Contact the Counselling Centre)

| | |
|-------------------------------------|------------|
| Accounting II | BUS 152-3 |
| Applications in Accounting | BUS 156-3 |
| Introduction to Business Statistics | MATH 157-3 |
| Effective Communication II | ENGL 152-3 |
| Marketing I | BUS 271-3 |
| Introduction to Economics | ECON 151-3 |

SEMESTER 3

| | |
|--------------------------|------------|
| Financial Management I | BUS 257-3 |
| Human Relations | BUS 268-3 |
| Canadian Economic Issues | ECON 152-3 |
| Business Law I | BUS 293-3 |

Plus two Business Electives such as:

| | |
|---|-----------|
| Industrial Relations | BUS 277-3 |
| Personnel Administration | BUS 275-3 |
| Small Business Management | BUS 266-3 |
| EDP 251, 253, 255 or 152/BUS 251-3 or 253-3 | |

SEMESTER 4

| | |
|-------------------------|-----------|
| Financial Management II | BUS 258-3 |
| Credit and Collections | BUS 261-3 |
| Organizational Behavior | BUS 274-3 |
| Business Law II | BUS 294-3 |
| Business Policy | BUS 265-3 |

Plus one Business elective such as:

| | |
|---|-----------|
| Marketing II | BUS 272-3 |
| Principles of Management | BUS 255-3 |
| Purchasing | BUS 262-3 |
| EDP 252, 254, 256 or 152 / BUS 252 or 254 | |

ELECTRONIC DATA PROCESSING OPTION

(Currently under review. Contact the Counselling Centre)

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 option is designed to prepare the individual for employment as a computer programmer or systems analyst.

The College has recently installed a sophisticated modern computer for the use of students and faculty. The new computer will facilitate the teaching of sophisticated processing techniques.

SEMESTER 2

| | |
|-------------------------------------|------------|
| Accounting II | BUS 152-3 |
| Applications in Accounting | BUS 156-3 |
| Introduction to Business Statistics | MATH 157-3 |
| Effective Communication II | ENGL 152-3 |
| Introduction to Economics | ECON 151-3 |
| Computer Programming I | EDP 152-3 |

SEMESTER 3

| | |
|--------------------------------------|-----------|
| Computer Programming II | EDP 251-3 |
| Systems Analysis | EDP 253-3 |
| Business Uses of the Computer | EDP 255-3 |
| Cost Accounting I | BUS 253-3 |
| Human Relations | BUS 268-3 |
| Business Elective - 3 semester hours | |

SEMESTER 4

| | |
|---------------------------------------|-----------|
| Computer Programming III | EDP 252-3 |
| Systems Design | EDP 254-3 |
| Managerial Computer Applications | EDP 256-3 |
| Organizational Behavior | BUS 274-3 |
| Management Information Systems | EDP 257-3 |
| Business Elective - 3 semester hours. | |

CERTIFICATE PROGRAM

IN BUSINESS ADMINISTRATION

Certificate

(Certificate Programs in Computer Information Systems, Accounting, Marketing and Management Studies are currently under review. Contact the Counselling Centre for further information.)

This program is designed primarily for those students who have had considerable experience in the business community, and who wish to supplement their background with courses in business administration. Most of these courses are offered at the College on a regular evening basis almost every year.

Those people completing the Certificate Program must accumulate 30 credit hours, though upon application CNC is prepared to grant credit towards the certificate for course work in Business Administration completed at other institutions.

Where the business experience of the student overlaps course work, an exemption from the course may be granted by CNC. In that case, the student is free to select other course work to count in the 30 credit hours. Students are free to challenge any CNC courses, and a successful challenge will result in the student being granted the appropriate CNC credit.

In terms of credit for courses taken elsewhere, in terms of exemptions for experience, and the policy on challenges, then, the program is as flexible as possible to allow those on the program

to select course work which they feel is most relevant to their needs.

The selection of courses is large, and most people will be able to put together a tailor-made program most appropriate to their needs.

Many courses are transferable for credit in programs of study set out by the Institute of Chartered Accountants, the Society of Industrial Accountants, the Certified General Accountants Association, Institute of Accredited Public Accountants of B.C. (APA).

REQUIRED COURSES

(Must be taken, have credit for, or be granted an exemption for, on all programs of study.) However, students are encouraged to apply for exemptions where they feel experience warrants or where required courses are not relevant to educational objectives. All courses are one semester long and carry 3 credit hours. Each course is 45 hours in the lecture room: evening courses meet 3 hours once a week for 15 weeks.

| | |
|--|------------|
| Fundamentals of Accounting I | BUS 151-3 |
| Fundamentals of Accounting II | BUS 152-3 |
| Business Communication I | ENGL 151-3 |
| Principles of Management | BUS 255-3 |
| Financial Management | BUS 257-3 |
| Marketing I | BUS 271-3 |
| Organizational Behavior | BUS 274-3 |
| ELECTIVES: | |
| Intermediate Accounting I | BUS 251-3 |
| Intermediate Accounting II | BUS 252-3 |
| Cost Accounting | BUS 253-3 |
| Cost Accounting II | BUS 254-3 |
| Financial Management II | BUS 258-3 |
| Credit and Collections | BUS 261-3 |
| Purchasing | BUS 262-3 |
| Business Policy | BUS 265-3 |
| Small Business Management | BUS 266-3 |
| Marketing II | BUS 272-3 |
| Retail Merchandising | BUS 278-1 |
| Personnel Administration | BUS 275-5 |
| Interviewing and Counselling | BUS 276-3 |
| Industrial Relations | BUS 277-3 |
| Human Relations in Business | BUS 268-3 |
| Business Law I | BUS 293-3 |
| Business Law II | BUS 294-3 |
| Data Processing Fundamentals | EDP 151-3 |
| Computer Programming I | EDP 152-3 |
| Computer Programming II | EDP 251-3 |
| Computer Programming III | EDP 252-3 |
| Systems Analysis | EDP 253-3 |
| Systems Design | EDP 254-3 |
| Business Uses of the Computer | EDP 255-3 |
| Managerial Computer Applications | EDP 256-3 |
| Management Information Systems | EDP 257-3 |
| Principles of Economics - Macroeconomics | ECON 201-3 |
| Principles of Economics - Microeconomics | ECON 202-3 |
| Introduction to Economics | ECON 151-3 |
| | or 101-3 |
| Canadian Economic Issues | ECON 102-3 |
| OR | |
| Any other Business or EDP Course. | |

BUSINESS OFFICE TRAINING PROGRAMS

(See Vocational Programs)

COACHING SCIENCE

Certificate

The purposes of this program are to familiarize and expand the coach's knowledge in the sport science, and to improve theoretical knowledge and practical coaching ability in sport.

Upon completion of the program, the student will receive a College Certificate and the National Coaching Certification Program Level II Certification via the Ministry of Recreation and Conservation of the Government of British Columbia.

ADMISSION REQUIREMENTS: This program requires no special educational standing as a prerequisite. However, applicants must be a minimum of 17 years of age.

LENGTH OF PROGRAM: Flexible.

COMMENCEMENT DATES: Various (check with Registrar's Office).

FEES: See page 31.

THE PROGRAM:

COURSES - THEORY

| | |
|----------------------------------|------------|
| The Physiological Basis of Sport | COCH 151-2 |
| NCCP Level I Theory | COCH 153-1 |
| Principles of Coaching | COCH 154-2 |
| Psychology of Coaching | COCH 251-2 |
| Sport Medicine | COCH 256-2 |
| NCCP Level II Theory | COCH 258-2 |

The Theory Courses are applicable to coaches of a variety of sports and presented in a manner as to be relative to coaches involved in both the community and institutional sport scene.

An integral part of the program is the achievement of Level 1 and Level 2 Technical Courses.

The technical courses are conducted by Provincial Sport Governing Bodies or by the College of New Caledonia and relate the methods for teaching and learning of physical skills and strategies of the particular sport.

Verification of the achievement of Level 2 Technical is a requirement for the College of New Caledonia Certificate.

COMMERCE

The College offers the first two years of a University Transfer Commerce program leading to a Bachelor of Commerce degree. (UBC)

ADMISSION REQUIREMENTS: See page

LENGTH OF PROGRAM: 4 semesters.

COMMENCEMENT DATE: September.

FEES: See page 8.

THE PROGRAM

SEMESTER 1

| | |
|--|------------|
| Principles of Economics - Microeconomics | ECON 202-3 |
| Computing Science I | MATH 109-3 |

Plus:

One of ENGL 101-3, 102-3 or 103-3

One of MATH 101-3 or 103-3

Any Arts and Science elective

SEMESTER 2

| | |
|--|------------|
| Principles of Economics - Macroeconomics | ECON 201-3 |
|--|------------|

Plus:

One of ENGL 101-3, 102-3, 05 103-3 or

One of MATH 102-3 or 104-3

Any 2 Arts and Science electives

FIRST YEAR COMMERCE

SEMESTER 3

| | |
|-------------------------|-----------|
| Quantitative Analysis I | COM 110-3 |
| Accounting | COM 201-3 |
| Business Statistics I | COM 207-3 |

Plus:

Any 2 Arts and Science electives. See note below.

SEMESTER 4

| | |
|--------------------------|-----------|
| Organizational Behaviour | COM 120-3 |
| Financial Accounting | COM 202-3 |
| Business Statistics II | COM 208-3 |

Plus:

Any 2 arts and Science electives.

NOTE: All Commerce students should consult a counsellor when selecting courses, as several options are possible throughout and course selection is very important. Students taking Math 103-104 should consult a counsellor about required second year Math courses.

CONSTRUCTION TECHNOLOGY Diploma

Over one million people in Canada are employed in construction and in the production and merchandising of related equipment and material. This is approximately triple the people employed in the forest industry.

Advances in technology demand that modern buildings as well as service structures such as hydro dams, bridges and roads meet rigorous standards of workmanship and safety. At the same time they must provide an efficient and environmentally compatible structure.

As a result of the dynamic and varied nature of the industry, career opportunities for technicians and technologists encompass a large spectrum. Graduates of the Construction Technology Program fill technological positions between the professional designer/manager and the skilled tradesman. With the addition of on-the-job experience, graduates will be able to attain such positions as materials testing technicians, senior draftspeople, job captains, specification writers, estimators, contract managers, construction supervisors, construction managers, project managers, building inspectors, property managers, and technical representatives for building supplies and equipment manufacturers.

A construction technologist must be able to read and draft construction drawings, calculate quantities, judiciously inspect materials and operations, perform construction surveys, interpret and apply specifications and contracts. He or she must have a sound understanding of the design/construction process, contracts, codes and building standards as well as the materials, tools and operations involved in a variety of building trades. In addition, the graduate must be able to communicate effectively with a variety of project related people using graphic, written and oral means.

The program is currently being reorganized to better meet the current needs of the industry and provide the student with better transferability to supplementary post-diploma training especially in the areas of quantity surveying, engineering, architecture and management. In addition, it is expected that program accreditation by the Society of Engineering Technologists will be given.

Applicants should be skilled in the use of the English language, have good mathematic and graphic abilities and be interested in the physical sciences.

ADMISSION REQUIREMENTS: Grade 12, GED or BTSD 1V.

ALSO RECOMMENDED: Algebra 11, Algebra 12, Trades Math 11, Trades Math 12, Const. Technology, Physics, Drafting.

LENGTH OF PROGRAM: 4 semesters

COMMENCEMENT DATE: September

FEES: See page 31.

CRIMINOLOGY PROGRAM S.F.U. Certificate

This program is designed to provide pre-employment training as well as continuing education and upgrading opportunities to those who plan or are already involved in law enforcement careers within the criminal justice system.

A special feature of the Criminology Program is that graduates will develop specific competencies and knowledge in the criminal justice field while at the same time completing university transfer course work.

Students complete the requirements for the Certificate by taking courses offered by CNC on the Prince George campus together with courses offered by S.F.U. through its Directed Independent Study Courses (DISC) Program. This makes the program especially accessible to part-time students requiring a flexible schedule.

A CNC Counsellor can provide details about the program and develop individual plans for study.

ADMISSION REQUIREMENTS: Students wishing to enter directly into the program must meet the admission requirements of S.F.U. However, students unable to meet these standards may be able to enroll in some of the courses of the program and use the credit toward the certificate at a later date.

For CNC courses see page 39.
 For S.F.U. courses contact a counsellor.
LENGTH OF PROGRAM: Varied
COMMENCEMENT DATE: September or January
FEES: For CNC courses see page 31.
 For S.F.U. (DISC) courses contact a counsellor

EARLY CHILDHOOD EDUCATION Certificate

The need for qualified adults to work with young children has increased significantly in the past few years. The changing role of women, the growing number of single parent families and the economic pressures of our society have created a need for quality daycare for young children. Moreover recent research in developmental psychology has led to a greater awareness of the significance of the first five years of life. Much of a person's personality development and learning occur before age five. The experiences young children have in and out of the home during these early, formative years can have a profound effect on their development.

The Early Childhood Education program is designed to train men and women to be skilled, sensitive teachers of young children in Day Care Centres, Nursery Schools and private kindergartens.

In order to teach in these facilities in B.C., individuals must be registered with the Community Care Facilities Licensing board of British Columbia. Upon successful completion of the E.C.E. program and 500 hours of post-graduation work experience, students are eligible for registration.

The College of New Caledonia offers a series of advanced level courses on a part-time basis. These courses are designed to expand the knowledge and teaching skills of qualified Preschool teachers.

Theory and practice are closely related throughout the program. Students are assigned to observe and/or participate in preschool centres throughout the full training periods. The month of training is an intensive full-time practicum experience.

ADMISSION REQUIREMENTS: Grade 12, GED or BTSD IV. Applicants should have a stable, cheerful personality as well as the ability to establish supportive relationships with children and adults. Applicants should be able to work in an emotionally, physically and intellectually demanding environment. A medical examination including T.B. test and up to date immunization is required. Applicants must send in two letters of reference from non-relatives. All volunteer work, employment, previous coursework and other relevant experience should be noted on application. Priority is given to early applicants and to those with demonstrated interest. Interviews may be required.

NOTE: It is strongly recommended that interested persons acquire some experience in working with young children or working in a related, people-orientated field.

LENGTH OF PROGRAM: 9 months (under review)

COMMENCEMENT DATE: September.

FEES: Tuition - \$135.00

Student Association - \$22.50

Registration - \$1.00

THE PROGRAM

SEMESTER I

| | |
|-----------------------------------|------------|
| Child Growth & Development | ECE 151-4 |
| Philosophy of ECE | ECE 154-3 |
| Program Development | ECE 165-4 |
| Seminar in ECE | ECE 160-1 |
| Observing and Recording Behaviour | ECE 170-2 |
| Practicum | ECE 190-3 |
| Effective Communications | ENG 151-3 |
| Introduction to Psychology | PSYC 101-3 |

SEMESTER II

| | |
|---|-----------|
| Philosophy of ECE | ECE 155-3 |
| Program Development | ECE 166-4 |
| Seminar in ECE | ECE 161-1 |
| Human Relations in Early Childhood Settings | ECE 176-3 |

| | |
|---|------------|
| The Child in Society | ECE 153-3 |
| Interacting with Families | ECE 174-2 |
| Practicum | ECE 199-4 |
| Introduction to Psychology | PSYC 102-3 |
| Health, Safety & Nutrition in the Preschool | ECE 172- |
| Advanced Courses | |
| Administration of Early Childhood Programs | ECE 251-3 |
| Administration of Early Childhood Programs | ECE 252-3 |

ELECTRICAL-ELECTRONICS TECHNOLOGY

Diploma

Students in the Electrical-Electronics Technology program will, after successfully completing their first year at C.N.C., transfer to B.C.I.T. for their second year in the Control Electronics, Instrumentation, Power, or Telecommunications options.



Graduates from Electrical-Electronics Technology find employment in utilities, government agencies, and electronics companies. Graduates can work in any sector from research to maintenance.

ADMISSION REQUIREMENTS: Grade 12, G.E.D. or B.T.S.D. IV; Algebra 12 or Math 12, Physics 11 and Chemistry 11 with C+ standing or better.

LENGTH OF PROGRAM: 2 semesters at C.N.C. followed by one year at B.C.I.T. Semester 1 is 15 weeks and semester 2 is 20 weeks.

FEES: See page 31.

EXPENSES (estimated): Students should also budget \$70.00 per semester for projects.

THE PROGRAM:

SEMESTER I

| | |
|------------------------------------|------------|
| Effective Communications I | ENGL 151-3 |
| Technology Mathematics I | TMTH 181-3 |
| Technology Physics I | TPHY 181-3 |
| Technology Electrical Measurements | TMES 186-2 |
| Technology Circuit Analysis I | TELE 183-3 |
| Technology Shop Practice I | TELE 181-2 |

SEMESTER II

| | |
|--------------------------------|------------|
| Effective Communications II | ENGL 152-3 |
| Technology Mathematics II | TMTH 182-3 |
| Technology Physics II | TPHY 182-3 |
| Technology Circuit Analysis II | TELE 184-3 |
| Technology Electronic Circuits | TELE 188-3 |
| Technology Shop Practice II | TELE 182-2 |
| Technology Digital Techniques | TDCS 186-3 |

The curriculum for this program is under review.

FINE ARTS

CNC does not offer a full-time Fine Arts Program in the visual arts. However, as demand warrants and instructors are available some arts courses are offered in each semester. Some of these courses have university transfer credit and may be included in the program of a student planning to transfer to a university. Other courses may be offered for general interest and do not carry university transfer credit. All courses are offered through the Continuing Education Division. Students wishing to enroll in art courses are advised to contact Continuing Education Division to express their interest and to determine specifically what courses are planned for a given semester.

562-2131 Loc. 202

Courses offered typically come from one of the following:

| | |
|----------|-------------|
| Design | Art History |
| Ceramics | Drawing |
| Weaving | Sculpture |
| Painting | Printmaking |

FOREST RESOURCE TECHNOLOGY Diploma

The Forest Resource Technology is divided into two options, Forestry and Harvesting. The emphasis of the Forestry option is forest management, whereas the emphasis of the Harvesting option is log manufacturing and transport to the manufacturing plants. The first year is common to both options. Upon completing first year, students must decide in which option they wish to enroll in second year.

Students seeking careers in either Forest Technology option should realize that the work is primarily out-of-doors most of the year and that all conditions of weather will be encountered.

ADMISSION REQUIREMENTS: Grade 12, GED or BTSD IV, Math 11 or Algebra 11.

ALSO RECOMMENDED COURSES: Math 12, Algebra 12, Biology 11, Biology 12, Forestry 11, Chemistry 11, Physics 11, Drafting 11. Students without Math 12 may be required to complete a remedial math program in their first 2 semesters.

NOTE: Mature students who have not completed Grade 12 but who have 2 or more years in a Forestry occupation may be admitted and are encouraged to apply.

LENGTH OF PROGRAM: 64 weeks over four semesters. This total includes an 8 day Fall Orientation, a 5 day Field Trip, and a 5 day Field School.

COMMENCEMENT DATES: First-Year: August 30, 1982
Second Year: August 30, 1982

FEES: See page 31.

EXPENSES: (Estimated)

Equipment - \$250.00

Clothing - \$130.00

THE PROGRAM

Common First Year for Forestry and Harvesting Options.

SEMESTER 1

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

SEMESTER 2

| | |
|-------------------------------------|-----------|
| Forest Products and Wood Technology | FOR 154-3 |
| Forest Science II | FOR 156-3 |
| Forest Measurements II | FOR 162-3 |
| Fire Control II | FOR 166-3 |
| Photo Interpretation | FOR 172-3 |
| Forest Drafting II | FOR 174-2 |
| Field School | FOR 199-3 |

Effective Communication II

Technical Mathematics

*Industrial Psychology and Human Relations II

*May be run concurrently with PSYC 157-1

ENGL 152-3 ✓

MATH 151-3 ✓

PSYC 158-1 ✓

FORESTRY OPTION

The management of the forest resource requires highly qualified technologists for both private and public sectors, requiring basic skills and theory in ecology, reforestation, forest economics, protection from pests, forest surveying, and engineering. Land management for the best use of all the resources is stressed in the program.

Specific job opportunities for graduates of this option in the forest industry include timber appraisers, road foremen, forest engineering technicians, silvicultural technicians, and research assistants. Positions in the Ministry of Forests include assistant rangers, silvicultural technicians, nursery technicians, and fire protection officers.

Persons employed in silvicultural fields derive great job satisfaction from the creative aspects of their work. The intensive forestry program in B.C. is providing many new opportunities for technologists.

SECOND YEAR FORESTRY OPTION

SEMESTER 3

| | |
|--|-----------|
| Forest Management I | FOR 251-3 |
| Silviculture I | FOR 253-3 |
| Forest Entomology | FOR 255-3 |
| Applied Sampling - Special Field Project | FOR 291-1 |
| Applied Sampling - Compilations | FOR 261-3 |
| Human and Public Relations in Forestry | FOR 267-1 |
| Summer Technical Report | FOR 290-1 |
| Forest Finance I | FOR 281-3 |
| Roads and Transportation I | FOR 285-3 |
| Logging I | FOR 287-3 |

SEMESTER 4

| | |
|----------------------------------|-----------|
| Forest Management II | FOR 252-3 |
| Silviculture II | FOR 254-3 |
| Forest Pathology | FOR 256-3 |
| Interior Log Scaling | FOR 262-3 |
| Industrial Relations in Forestry | FOR 268-1 |
| Forest Finance II | FOR 282-3 |
| Roads and Transportation II | FOR 286-3 |
| Logging II | FOR 288-3 |
| Spring Field School | FOR 299-3 |

NOTE: Students are responsible for the examination fees associated with the B.C. Interior Log Scaler's Licence and Pesticide Applicator's Certificate in the 4th Semester (\$40 and \$10 in 1981, respectively).

HARVESTING OPTION

The Harvesting option provides Harvesting Technologists with enriched technical training in the logging phase of forest operations. It emphasizes specific skills in log manufacturing and hauling, machinery management, personnel and industrial relations, cost accounting, and forest finance. Approximately one third of the course time will be spent on logging procedures and equipment operation.

Employment opportunities for graduates are basically with forest products companies or logging contractors. Generally, positions in logging production command higher salaries than other fields of forestry.

Specific jobs for graduates are road foreman, logging foreman, forest engineering technician, logging research technicians, and various positions in the Engineering Division of the Ministry of Forests.

SECOND YEAR HARVESTING OPTION

SEMESTER 3

| | |
|--|-----------|
| Silviculture I | FOR 253-3 |
| Applied Sampling - Special Field Project | FOR 291-1 |

continued

| | |
|---------------------------------|-----------|
| Applied Sampling - Compilations | FOR 261-3 |
| Forest Finance I | FOR 281-3 |
| Roads and Transportation I | FOR 285-3 |
| Logging I | FOR 287-3 |
| Harvesting Management I | FOR 271-3 |
| Industrial Management I | FOR 283-3 |
| Summer Technical Report | FOR 290-1 |
| SEMESTER 4 | |
| Interior Log Scaling | FOR 262-3 |
| Forest Finance II | FOR 282-3 |
| Roads and Transportation II | FOR 286-3 |
| Harvesting Management II | FOR 272-3 |
| Industrial Management II | FOR 284-3 |
| Harvesting Methods | FOR 279-6 |
| Spring Field School | FOR 299-3 |

GENERAL STUDIES

Diploma

Students may design a unique General Studies program and obtain a College diploma upon completion of the required number of credits. Students requiring further information concerning a General Studies Diploma program are asked to consult with CNC counsellor prior to enrollment.

LUMBER AND PLYWOOD TECHNOLOGY

Diploma

Students in the Lumber and Plywood Technology program will, after successfully completing their first year at C.N.C., transfer to B.C.I.T. for their second year.

The Lumber and Plywood Program involves a diversified course of studies that covers all aspects of Lumber and Plywood Manufacturing. Over the two year program the student receives training in basic forest science, product quality control, contemporary production techniques, marketing and sales, basic business and management skills, electrical and mechanical equipment, computer process control, and industrial relations. In addition, during first year at C.N.C. all students must write three industrial exams which lead to certificates in Lumber Tallying, Lumber Grading, and Industrial First Aid.

Graduates find jobs as production or quality control supervisors, sales coordinators, lumber traders, design draftsmen, industrial engineering technicians, maintenance coordinators, quality control technicians, wood bi-products specialists, and many other diverse careers.

ADMISSION REQUIREMENTS: Grade 12, G.E.D., or B.T.S.D. IV; Algebra 12 or Mathematics 12 and one science 11 (Biology, Chemistry, or Physics).

LENGTH OF PROGRAM: 2 semesters at C.N.C. followed by one year at B.C.I.T.

Semester I is 15 weeks and Semester II is 20 weeks.

FEES: See page

Summer Technical Report

All Lumber and Plywood students must write a summer technical report during the break between first and second year. This report is assigned a separate course grade and will form part of the third term marks at B.C.I.T.

THE PROGRAM:

SEMESTER I

| | |
|-------------------------------|------------|
| Effective Communication I | ENGL 151-3 |
| Technology Mathematics I | TMTH 181-3 |
| Technology Physics I | TPHY 181-3 |
| Technology Forest Utilization | TFOR 181-2 |
| Technology Lumber Grading I | TLUG 181-2 |
| Technology Lumber Tallying | TLUT 181-2 |
| Technology Log Utilization | TOGT 181-4 |

SEMESTER II

| | |
|------------------------------------|------------|
| Effective Communication II | ENGL 152-3 |
| Technical Mathematics (Statistics) | MATH 151-3 |
| Technology Physics II | TPHY 182-3 |

| | |
|------------------------------|------------|
| Technology Drafting | TDRF 186-2 |
| Technology Lumber Grading II | TLUG 182-6 |
| Technology Wood Properties | TWPR 182-2 |
| Industrial Management II | FOR 284-3 |
| (Industrial First Aid) | |

MEDICAL LABORATORY TECHNOLOGY

Diploma

Students in the Medical Laboratory Technology program will, after successfully completing their year at CNC, transfer to BCIT or Cariboo Community College for their second year. A third year must be spent in training in a medical laboratory approved by the Canadian Medical Association and the Canadian Society of Laboratory Technologists. At the end of this year, the student is eligible to sit the Canadian Society of Laboratory Technologists examination which leads them to becoming a Registered Technologist, the recognized qualification.

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

ADMISSION REQUIREMENTS: Grade 12, G.E.D. or B.T.S.D. IV; Algebra 12 or Math. 12 or equivalent, Chemistry 11, Biology 11. Students with Chemistry 12, Biology 12 and Physics 11 will be given admission priority. Color blindness precludes entry. Interviews may be required. In 1983 Physics 11 and Chemistry 12 will be an admission requirement.

LENGTH OF PROGRAM: 2 semesters at CNC then transfer to BCIT or Cariboo College to complete the program.

COMMENCEMENT DATE: September.

FEES: See Page 31.

THE PROGRAM

SEMESTER I

| | |
|----------------------------------|---|
| Effective Communication I | ENGL 151-3, 101-3, 102-3 or 103-3 |
| Medical Lab Technology | |
| Mathematics I | MATH 161-3 |
| Chemistry for Medical Lab | |
| Technologists | CHEM 181-3 |
| General Physics I | PHYS 105-3 |
| Human Anatomy and | |
| Physiology I | BIO 121-3 |
| Medical Laboratory Orientation I | MLT 151-3 |

SEMESTER II

| | |
|----------------------------|---|
| Effective Communication II | ENGL 152-3, 101-3, 102-3 or 103-3 (If credit has already been granted for one of 101-3, 102-3, or 103-3 then option is limited to the remaining two courses.) |
|----------------------------|---|

| | |
|---|------------|
| Medical Lab Technology Mathematics II | MATH 162-3 |
| Chemistry for Medical Lab Technologists | CHEM 154-3 |
| General Physics II | PHYS 106-3 |
| Human Anatomy and Physiology II | BIO 122-3 |
| Medical Laboratory Orientation II | MLT 152-3 |
| Fundamentals of Immunology | BIO 123-3 |

The curriculum for this program is under review. Consult Student Services for changes.

NURSING

The program is designed to offer the students career mobility in nursing. Students with no previous nursing education are admitted to a common curriculum for the first year. The program allows students to exit as practical nurses or continue and complete the requirements preparatory to nurse registration.

Those who complete the requirements for practical nursing (certificate) are able to function within the health care system under the supervision of health personnel. The nurse will be able to provide care for an individual of any age who is not critically ill. With orientation the nurse will be able to provide care in general medical-surgical, paediatric, post-partum, and normal newborn nursery areas.

Those who complete the requirements for general nursing (diploma) will be able to provide comprehensive nursing care to any individual already within the health care system. The nurse will be able to provide care in general medical-surgical, paediatric, post-partum, normal newborn nursery, and psychiatric areas. The nurse will have the potential to function in intensive or critical care areas following additional experience, ongoing education, and supervision.

ADMISSION REQUIREMENTS: Grade 12, GED or BTSD IV; Biology 11 or Biology 040 and Chemistry 11 or Chemistry 040.

Applicants are reminded that due to the high academic requirements and large number of applicants to the Nursing Program, students with better than average high school grades will receive admission priority. Personal interviews may be required. A medical examination report must be submitted before final acceptance into the program. A chest x-ray and immunization will be required following final acceptance. The health status of the applicant is considered when selecting students for admission.

NOTE: Students entering the Nursing Program will write an English Proficiency test. Those whose level indicates they require college level English instruction will enroll in English 151-3. All other students will enroll in the following two components of English 151-3:

- Library Orientation
- Letters of Application and Resume Writing

LENGTH OF PROGRAM:

Practical Nursing Option - 12 months
General Nursing Option - 22 months over 2½ years.

COMMENCEMENT DATE: September

FEES: See page 31.

THE PROGRAM

COMMON COURSES

SEMESTER I - (September - December) - 15 weeks

| | |
|--|------------|
| Orientation to Nursing | NURS 150-1 |
| Human Anatomy and Physiology I | BIO 111-3 |
| Health - Its Maintenance and Promotion | NURS 151-8 |
| Psychology for Nursing I | PSYC 161-3 |
| Effective Communication I | ENGL 151-3 |

SEMESTER II - (January - April) - 16 weeks

| | |
|-------------------------------------|-------------|
| Human Anatomy and Physiology | BIO 112-3 |
| The Adult with Common Interferences | NURS-152-12 |
| Nursing - Past and Present | NURS 160-1 |
| Psychology for Nursing II | PSYC 162-3 |

DIPLOMA NURSING OPTION

INTERSESSION I - (May - June)

| | |
|---|-------------|
| Adult with Common Interferences (Continued) | NURS 152-12 |
| Work Session (June or July) | NURS 199-1 |

SEMESTER III - (August - December)

| | |
|---------------------------------|------------|
| The Expanding Family | NURS 261-8 |
| The Child in Health and Illness | NURS 263-8 |
| Moral Philosophy | PHIL 101-3 |

SEMESTER IV - (January - April)

| | |
|--|------------|
| The Professional Nurse | NURS 250-2 |
| The Individual Experiencing Psychosocial Interferences | NURS 262-8 |
| The Adult with Critical Interferences | NURS 264-8 |

INTERSESSION II - (May)

| | |
|---|------------|
| The Individual Requiring Long Term Care | NURS 291-5 |
|---|------------|

SEMESTER V - (August - December)

| | |
|----------------------------------|-------------|
| The Nurse - A Health Team Member | NURS 299-15 |
|----------------------------------|-------------|

PRACTICAL NURSING OPTION

Certificate

INTERSESSION I - (May - June)

| | |
|---------------------------------|-------------|
| Adult with Common Interferences | NURS 152-12 |
| (continued) | |

The Expanding Family

NURS 165-5

SEMESTER III - (August - October)

| | |
|---------------------------------|------------|
| The Child in Health and Illness | NURS 163-5 |
|---------------------------------|------------|

The Practical Nurse -

| | |
|-----------------------------|------------|
| A Member of the Health Team | NURS 198-2 |
|-----------------------------|------------|

NURSING (Access Program)

Diploma

The program is designed to access Licensed Practical Nurses into the General Nursing Option. Access students must first complete make-up courses before entering into the second year of the General Nursing Option.

GENERAL REQUIREMENTS: grade 12, GED or BTSD IV; Biology 11 and Chemistry 11. General academic standing will be considered when selecting students for admission. Applicants must be currently licensed as a practical nurse in the province of British Columbia and have completed a practical nursing program within the last two years or have been employed 1 year full time or equivalent as a practical nurse in a setting requiring basic nursing skills. Letter of reference from most recent employer verifying employment will be required. A medical examination report must be submitted before final acceptance into the program. A chest x-ray and up-to-date immunization is required following final acceptance. A personal interview may be required.

NOTE: Students entering the Nursing Program will write an English Proficiency test. Those whose level indicates they require college level English instruction will enroll in English 151-3. All other students will enroll in the following two components of English 151-3.

- Library Orientation
- Letters of Application and Resume Writing

COMMENCEMENT DATE: January.

THE PROGRAM

SEMESTER I - (January-April)

| | |
|--|------------|
| The Adult Experiencing Common Interferences (Access) | NURS 153-7 |
| Nursing - Past and Present | NURS 160-1 |
| Human Physiology | BIO 114-3 |
| Psychology for Nursing I | PSYC 161-3 |
| Psychology for Nursing II | PSYC 162-3 |

INTERSESSION - (May-June)

| | |
|--|------------|
| The Expanding Family (Access) | NURS 265-4 |
| The Child in Health and Illness (Access) | NURS 267-4 |

SEMESTER II - (August-December)

| | |
|--|------------|
| The Individual Experiencing Psychosocial Interferences | NURS 262-8 |
| The Adult with Critical Interferences | NURS 264-8 |
| Moral Philosophy | PHIL 101-3 |
| The Professional Nurse (Access) | NURS 200-1 |
| Effective Communication | ENG 151-3 |

SEMESTER III - (January - April)

| | |
|---|-------------|
| The Individual Requiring Long Term Care (January) | NURS 291-5 |
| The Nurse - A Health Team Member (February-April) | NURS 299-15 |

REFRESHER COURSE FOR NURSES

The purposes of this course are to prepare nurses to return to active practice after a lengthy absence from the profession and to provide a re-orientation to general medical-surgical nursing.

Clinical practice initially will be scheduled in the nursing lab at the College. Clinical experience will be on medical-surgical, intermediate and extended care units in hospitals within the College region.

continued

The course is based on the "Competencies Required and Recommended for Registration of Re-entering Nurses" (RNABC, March 1977) is approved by the Registered Nurses Association of British Columbia.

ADMISSION REQUIREMENTS:

1. Graduate of an approved diploma or degree nursing program.
2. Medical examination report
3. Interview may be required

LENGTH OF PROGRAM: 10 weeks

COMMENCEMENT DATE (proposed): October.

FEES: Tuition - \$45.00

Students Association - \$7.50

Registration - 1.00

EXPENSES (Estimated only):

Uniforms \$75.00

Textbooks - 75.00

NOTE: The offering of this program is subject to Ministry of Education approval. Please contact a CNC counsellor for details.

PHYSICAL EDUCATION

The College of New Caledonia provides a two-year university transfer program that prepares students for entry into the following degree programs:

UNIVERSITY OF BRITISH COLUMBIA

Bachelor of Physical Education

Bachelor of Education - Secondary Division (P.E. Major)

Bachelor of Education - Elementary Division (P.D. Major)

Bachelor of Recreation Education (partial program)

UNIVERSITY OF VICTORIA

Bachelor of Science - Human Performance Major

Bachelor of Arts - Human Performance Major

Bachelor of Arts - Leisure Studies Major

ADMISSION REQUIREMENTS: See page 4.

LENGTH OF PROGRAM: 4 semesters.

COMMENCEMENT DATE: September.

FEES: See page 31.

THE PROGRAM

SEMESTER I

An Introduction to the Study of Sport PE 121-3

Biodynamics of Physical Activity PE 123-3

Scientific Basis of Athletic Conditioning PE 103-3

Two of Biology, Chemistry, Math, Physics

or Psychology (see notes 1 & 2)

English

SEMESTER 2

Dynamics of Motor Skill Acquisition PE 124-3

Two PE Activity courses

Two of Biology, Chemistry, Math, Physics

or Psychology (see notes 1 & 2)

English

SEMESTER III

Human Functional Anatomy and Applied PE 203-3

Physiology I

Three PE Activity courses

Second Concentration (see note 3)

English at 200 Level

SEMESTER IV

Human Functional Anatomy and Applied PE 204-3

Physiology II

Sport in Canadian Society PE 222-3

One PE Activity course

Second Concentration (see note 3)

English at the 200 Level

NOTE 1: Students who wish to transfer into the Bachelor of Arts Degree in Human Performance at the University of Victoria should register in Soc 101-3 and 102-3 and Psyc 101-3 and 102-3.

NOTE 2: Students who intend to enter Sport Management stream at UBC should enroll in Economics 202 & 202.

NOTE 3: Students should select courses which are appropriate to the selected stream of specialization:

Teaching/Coaching

Sports Medicine

Athletic Trainer

Exercise Specialist

Sports Management

Special Populations

Lifestyle Management

SURVEY TECHNOLOGY

Diploma

Students in the Survey Technology program will, after successfully completing their first year at C.N.C., transfer to B.C.I.T. for their second year in the Survey or Photogrammetry Option.

Graduates find employment with Crown Corporations, utilities, mines, the oil and gas industry, and government agencies. Graduates are eligible for registration with the Society of Engineering Technologists of B.C.

ADMISSION REQUIREMENTS: Grade 12, G.E.D. or B.T.S.D. IV: Algebra 12 or Math 12 and Physics 11.

LENGTH OF PROGRAM: 2 semesters at C.N.C. followed by one year at B.C.I.T. Semester I is 15 weeks and semester II is 20 weeks.

FEES: See page 31.

THE PROGRAM:

SEMESTER I

Effective Communications I

ENGL 151-3

Technology Mathematics I

TMTH 181-3

Technology Physics I

TPHY 181-3

Technology Surveying I

TSRV 183-5

Technology Hydrology

TSUR 184-2

SEMESTER II

Effective Communications II

ENGL 152-3

Technology Mathematics II

TMTH 182-3

Technology Physics II

TPHY 182-3

Technology Surveying II

TSRV 186-5

Technology Drafting

TDRF 186-2

Technology Computer Applications

TCOM 186-2

UNIVERSITY TRANSFER PROGRAM

The College of New Caledonia offers a wide variety of courses in the area of Arts and Sciences.

Students may elect a program of studies that will transfer to third year University and will lead to a degree in:

Agricultural Sciences

Arts

Applied Science (Engineering)

Architecture

Co-operative Computing, Geography, Chemistry

Dental Hygiene

Dentistry

Education

Forestry

Home Economics

Law

Librarianship

Medicine

Pharmaceutical Sciences

Physical Education

Recreation

Rehabilitation Medicine

Science

Social Work

To help students in program planning for University Transfer a transfer equivalency guide appears in this calendar on pages 66 and 67.

Students are urged to discuss their program with a CNC Counsellor to ensure that the proper courses have been selected to satisfy the requirements of the degree they are seeking.

ADMISSION REQUIREMENTS: See page 4.
LENGTH OF PROGRAM: 4 semesters.
COMMENCEMENT DATES: September or January.
FEES: See page 31.

ACADEMIC PROGRAMS

ADMISSIONS AND REGISTRATION

ADMISSION REQUIREMENTS

Students eligible for admission are those who satisfy specific course or program prerequisites. Where Grade 12 is listed as a requirement for admission:

- a) Students should have graduated from a B.C. Secondary School or equivalent, or have GED or BTSD IV.
- b) Students without Grade 12 may be admitted who:
 - are deficient in no more than two courses for B.C. Secondary School graduation (which may be required to be completed while attending CNC), or
 - 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 their courses, or
 - will complete Grade 11 in the year in which they are applying for admission, and who have an outstanding academic record. These students will be admitted as "Early Admission" students.

ADMISSION STATUS — ACADEMIC

All students are assigned an academic status. This status is normally 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 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 admitted as "Early Admission" students.
 - to students whose current grade point average is between 1.00 and 1.49. Such students may be required to enroll in a reduced course load and will be required to attend CNC 154-0 Directed Studies. If this is the second semester when the student's grade point average is between 1.00 and 1.49, the student may be required to withdraw.

NOTE: CNC Students with a grade point average of 0.99 or lower will normally not be permitted to continue the following semester.

- (iv) **Advance Standing** - students who have completed post-secondary courses in other institutions may be given credit for these courses at CNC. Students with questions on advance standing should consult a CNC Counsellor well before the beginning of the semester and obtain a written acceptance of their advance standing.

- (v) **Audit Status** - see next page for write up. Students may Audit courses under the following provisions.

1. There must be a vacancy in the class. Students taking the course for credit are given preference on class lists.
2. The student must request Audit status at the time of registration.
- 3.a) Students requesting a status change from Regular to Audit must do so during the regular College drop period. Students requesting such a change forfeit their seat on the official class list and will be re-assigned if a vacancy exists as outlined in number one above.
- b) Students requesting a status change from Audit to Regular must do so during the regular College add period. Students may only make such a change if there is a vacancy in the class and they have fulfilled all other College admission requirements.
4. Students may not change from Regular to Audit status after the official add/drop period has passed unless approved by a Division Director or Dean.
5. No College credit is awarded for audited courses.
6. The student must pay the regular fee for taking the course.
7. Courses taken on an Audit basis are not considered part of the student's official workload.

ADMISSION PROCEDURES

NEW STUDENTS:

- (i) Write to or inquire at the Student Service Office for an application form.

Student Services
College of New Caledonia
3330 - 22nd Avenue
Prince George, B.C. V2N 1P8
562-2131
- (ii) The completed Application Form, and Secondary School or Post-Secondary transcript, should be submitted to the College as soon as possible. Secondary School students may complete a statement of Secondary School Subjects. This statement 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. This should be forwarded as soon as possible.

Students are not formally accepted or placed on program waiting lists until transcripts or Secondary School Status Statements are received by the College.
- (iii) Applications will be processed and students will be notified by mail of their admission to the College.
- (iv) Detailed registration information, including the date and time for registration, will be included with the Permission to Register letter.
- (v) All new students will be required to consult with a counsellor before or during registration.

FORMER STUDENTS RETURNING TO COLLEGE:

- (i) All returning students register at the College at the date and time indicated on their Notice of Admission.

continued

- (ii) Students requiring academic advice or counselling are encouraged to consult a Counsellor prior to the formal registration period.

PRIORITY:

All applicants are urged to apply for admission as early as possible as first priority may be given to the earliest applications.

REGISTRATION

Students must register at the time indicated on their Permission to Register letter.

Students will not be admitted to the registration area at times earlier than those indicated on their Permission to Register letter. Registration is not complete until all fees have been paid.

LATE REGISTRATION

Students who do not register at the time specified on their notice of Admission may register up to 10 instructional days after the first day of classes. \$50.00 late registration fee will be assessed anyone who does not register at the time indicated on their Per-

mission to Register letter. Students with extenuating circumstances are advised to see the Dean of Student Services.

CHANGE OF COURSE OR SECTION

Students contemplating changing courses should consult with a counsellor. All course and section changes require College approval and will only be permitted during the periods specified in the College Calendar.

WITHDRAWAL

Students may withdraw from a course or program within five weeks of commencement of the course or program without penalty and receive a 'W' grade. After that date students may withdraw and receive a 'W' grade if they are passing the course at the time of withdrawal. Students withdrawing after five weeks of the commencement of a course or program and who are failing at the time of withdrawal will receive an 'F' (Fail) grade. Any dispute arising from this grade assignment will be treated as a Grade Appeal.

To withdraw from a course students must complete the withdrawal form available at the Student Services office.

ACADEMIC PROGRAMS FEES AND EXPENSES

FEES (Under Review and May Change) For Diploma and University Transfer (2 year) Programs

1. Full-time Students (Students enrolled in 15 or more credit hours)
 - Tuition: \$150 per semester
 - I.D. Card: \$1.00 per year
 - *Lab Fees: \$15 per lab (maximum \$30 per semester)
 - Student Assoc. Fees: \$2.50 per course
2. Part-time Students (Students enrolled in 9 credit hours or fewer).
 - Tuition: \$10 per credit hour
 - I.D. Card: \$1.00 per year
 - *Lab Fees: \$15 per lab (maximum \$30)
 - Student Assoc. Fees: \$2.50 per course

Courses with lab fees are identified in the course description by the letter L following the number in parenthesis.

For Early Childhood Education

Tuition: \$135.00
Student Association: \$22.00
Registration: \$1.00

For Refresher Course for Nurses

Tuition: \$45.00
Student Association: \$7.50
Registration: \$1.00

NOTE: No fees will be charged to Senior Citizens. Audit students will be charged full fees as outlined above.

CANADA EMPLOYMENT AND IMMIGRATION COMMISSION SPONSORSHIP

Canada Employment and Immigration Commission purchases spaces in some programs. Before applying for admission as a fee paying student, you may wish to check with your local CEIC Office to determine your eligibility for sponsorship by CEIC.

For information on those programs which are eligible for sponsorship by CEIC, call the CNC Counselling Centre or your local CEIC Office.

SPONSORED STUDENTS

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

PAYMENT OF FEES

Tuition, lab fees and Student Association fees are collected each semester at the time of registration. Students who are unable to pay their fees at the time of registration and who are unable to obtain financial assistance from the Financial Aid Officer will not be permitted to register, unless prior approval is obtained from the Dean of Student Services.

MISCELLANEOUS FEES

| | |
|----------------------------------|-----|
| Grade Appeal | \$5 |
| Transcript | 2 |
| Duplicate Diploma | 5 |
| I.D. Card Duplicate | 1 |
| Locker Rental | 2 |
| Duplicate Permission to Register | 1 |
| Duplicate Grade Statement | 1 |
| Duplicate income tax receipt | 1 |

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

ESTIMATED EXPENSES

Full-time students should be aware of the expenses beyond the fees, they will incur each semester. Costs can be estimated as follows:

| | |
|----------------------|-------|
| Books and supplies | 200 |
| Local transportation | 150 |
| Miscellaneous | 400 |
| | <hr/> |
| | 750 |

HOUSING AND MAINTENANCE EXPENSES

The average cost for room and board in Prince George is \$250-\$350 per month.

REFUNDS

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

SCALE OF WITHDRAWAL REFUNDS:

- a) An 80% refund of fees will be made if the student

withdraws within two weeks after commencement of classes.

- b) A 50% refund of fees will be made if the student withdraws within the third or fourth week after commencement of classes.
- c) No refund will be made if the student withdraws more than four weeks after commencement of classes, or after 25% of the course has been completed in courses/programs less than 4 months in length.

ACADEMIC PROGRAMS GRADES AND TRANSCRIPTS

EVALUATION AND GRADING

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

GRADES

Alphabetic symbols are used to report academic success. Each grade is assigned a numerical weight or grade point, that is used to determine the grade point average.

LETTER GRADE

GRADE POINTS

| | | |
|----|--|-----|
| A | Outstanding achievement | 4.0 |
| B+ | | 3.5 |
| B | Good achievement | 3.0 |
| C+ | | 2.5 |
| C | Satisfactory achievement. The lowest standing on which to base further study in a discipline. | 2.0 |
| P | Standing below that required for further study in a discipline. The student is granted college credit for the course but cannot be granted credit for the course in another institution. Permission is required to continue in a sequential course. | 1.0 |
| F | Fail. No credit granted. | 0 |
| I | Incomplete. Grade and credit withheld until all requirements of the course have been met. Will require completion of all required work within 4 weeks of the last day of classes or an 'F' grade will be assigned. | . |
| S | Credit granted. Course requirements have been satisfactorily completed. This grade is assigned where a course is successfully challenged. NOTE: Some institutions will not accept for transfer those courses that have been awarded College credit on the basis of challenge credit. | . |
| 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. | . |
| X | Audit Status. No credit granted. | . |

**Not included in the calculation of the grade point average.*

FOR PROGRAMS USING GRADE POINT AVERAGE (G.P.A.)

Grade point averages are reported on each Statement of Grades. The transcript includes the cumulative grade point average.

The G.P.A. is the sum of the grade points earned multiplied by the number of credits and divided by the number of credit hours taken.

Example:

| Course | Credit Hours | Letter Grade | Grade Points | Grade Points x Credit Hours |
|--------|--------------|--------------|--------------|-----------------------------|
| 1 | 3 | A | 4 | 12 |
| 2 | 3 | B | 3 | 9 |
| 3 | 4 | C | 2 | 8 |
| 4 | 2 | P | 1 | 2 |
| 5 | 3 | F | 0 | 0 |
| | 15 | | | 31 |

G.P.A. equals $31 \div 15$ equals 2.07.

STATEMENT OF GRADES

At the end of each semester or at the end of a program 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.

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 Registrar's Office to ensure only the highest grade point is included in the calculation of their G.P.A. Other institutions to which a student might transfer may re-calculate the G.P.A. to include both grades obtained.

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.

TRANSCRIPTS

The Official Transcript includes a record of the student's grades and is imprinted with the College Seal and signed by the Registrar.

Transcripts may be obtained from the Registrar's Office at a cost of \$2 per copy. 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

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 CNC will allow for such transfer.

CNC 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.

ACADEMIC PROGRAMS COURSES

Each course is identified by a four-digit number, for example ANTH 101-3.

The first digit indicates the year in which the course is usually taken. Course numbers beginning with a 1 are usually first-year courses and course numbers beginning with a 2 are usually second-year courses.

The second digit indicates transferability to B.C. Universities. Course numbers with 0, 1, 2, 3, or 4 as the second digit are generally transferable. Course numbers with a 5, 6, 7, 8, or 9 as the second digit are generally not transferable. The third digit completes the course number. The fourth digit indicates the number of credit hours the course carries.

e.g. ENG 152-3

The 1 indicates a first-year course

The 5 indicates it is probably not transferable to a university

The 2 completes the course number

The 3 indicates the course carries 3 credit hours

ENG 204-3

The 2 indicates a second-year course

The 0 indicates probable transferability to a university

The 4 completes the course number

The 3 indicates the course carries 3 credit hours.

For more complete university transfer information check the Transfer Guide pages 66 and 67.

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) L-3 hours lecture and 2 hours lab or seminar per week. The letter "L" following the parenthesis indicates a lab fee.

In any course with a laboratory component both the lab portion and the lecture portion must be passed in order to pass the complete course.

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

All students interested in University Transfer courses should check the TRANSFER GUIDE to ensure courses they are taking at CNC satisfy the requirements of the institution to which they wish to transfer.

NOTE: Detailed course descriptions, including instructor, method of evaluation, text, and the purpose of the courses are available from the Student Services Office.

Courses in this section are not necessarily offered every semester. Check with the Counselling Centre 562-2131 Loc. 360

AGRICULTURAL SCIENCES

AGSC 100 Introduction to Agricultural Sciences

This UBC course gives an orientation to study and career programs; survey of professional opportunities and requirements. (one Friday evening, all day Saturday session)

AGSC 110 Introduction To Food Production Systems

This UBC course studies the fundamental concepts and principles underlying food production systems. (3,2)

ANSC 258 Introduction to Animal Production Systems

This UBC course studies the livestock and poultry industry; application of scientific principles to the production of various classes of livestock and poultry. (3,2)

ANTHROPOLOGY

ANTH 101-3 Cultural and Social Anthropology

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. (3,0)

ANTH 102-3 Evolution of Man and Culture

An introductory survey of physical anthropology and archaeology, including such topics as the origins of man and culture, nature of race, and development of culture. (3,0)

ANTH 103-3 Introduction to the Native Peoples of Canada

This course will provide the student with a general introduction to the Indian and Inuit peoples of Canada. Course content will integrate perspectives from anthropology and history in examining native societies and culture prior to the arrival of Europeans, and in interpreting the effects of colonialism in the post-contact period. Prior experience with introductory anthropology and/or Canadian history should be considered an asset, but not a requirement for students in this course. Prerequisite: Anth 101 or instructors permission. (3,0)

ANTH 151-3 People and Environment in East Africa

This course will look at the cultures of East Africa and their environmental context. A description of a number of cultures in the ethnographic present will be followed by a consideration of change in each culture from the prehistoric past into possible futures. An attempt will be made to interpret these cultures as ecological adaptations to the geographical mosaic of East Africa. (3,0)

ANTH 201-3 Social Structure I - Ethnography

Review of structural functional theory and method. Survey of structural functional ethnographies and the examination of societies of various subsistence bases, geographical milieux, kinship organization, and political structures. Prerequisites: Anth 101-3, 102-3, or Instructors Permission. (3,0)

ANTH 202-3 Social Structure II - Theory and Method

Examination of major concepts used in structural anthropology (role, social structure, institution, etc.) Use of concepts in comparative work. Examination of research techniques and research problems. Prerequisite: Anth 201-3 or instructors permission. (3,0)

ANTH 291-1 Introduction to Fieldwork in Anthropology I

Introduction to Fieldwork in Anthropology. The student will receive a reading list and be expected to cover relevant theoretical areas. Otherwise instruction will be by lecture and guided practical experience in one of three areas in Anthropology: Archaeology, Paleoanthropology or Ethnology. In some cases the student may crossover the three areas. Prerequisites: Anth 101-3, Anth 102-3 or instructor's permission.

ANTH 292-2 Introduction to Fieldwork in Anthropology II

The student will receive a reading list and be expected to cover relevant theoretical areas. Otherwise instruction will be by lecture and guided practical experience in one of three areas in Anthropology: Archaeology, Paleoanthropology or Ethnology. In some cases the student may crossover the three areas. Prerequisites: Anth 101-3, Anth 102-3 or instructor's permission.

ANTH 293-3 Introduction to Fieldwork in Anthropology III

The student will receive a reading list and be expected to cover relevant theoretical areas. Otherwise instruction will be by lecture and guided practical experience in one of three areas in Anthropology: Archaeology, Paleoanthropology or Ethnology. In some cases the student may crossover the three areas. Prerequisites: Anth 101-3, Anth 102-3 or instructor's permission.

ASTRONOMY

ASTR 101-3 Elementary Astronomy I

A general interest introductory course in astronomy. Although it involves a laboratory, this course is presented at a level to be suitable and enjoyable for the non-science student. The topics include: A history of man's early ideas of our universe, orbital motion, the earth and sky, time, e/m radiation and observing instruments, the solar system. (3,3)L

ASTR 102-3 Elementary Astronomy II

A continuation of Astronomy 101-3. The topics include: stellar distances and magnitudes, the motions and spectra of stars, binary stars, the H-R diagram, the galaxy, the structure and energy of stars, stellar evolution, neutron stars and black holes, the origin and evolution of the universe. The College telescope will be available for observing.

PREREQUISITE: Astr 101-3.

(3,3)L

ASTR 131-3 Introduction to Astronomy

A study of the principle methods and theories that have contributed to man's idea of the universe. (3,0)

BIOLOGY

Both the lecture portion and the laboratory portion must be passed in order to complete the course.

BIO 101-3 Biology for Science Majors I

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

PREREQUISITES: Biology 11 or Biology 040 and Chemistry 11.

(3,3)L



BIO 102-3 Biology for Science Majors II

Topics 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.

PREREQUISITES: Biology 11 or Biology 040 and Chemistry 11.

(3,3)L

BIO 103-3 Biology for Non-Majors I

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

BIO 104-3 Biology for Non-Majors II

Similar in intent to Bio 103-3. Topics covered are ecology, diversity among plants and animals, and economic biology. (3,3)L

BIO 111-3 Human Anatomy and Physiology for Nursing I

An introductory survey of the structure and functions of the systems of man. Lecture topics include cellular biology and the skeletal, muscular, nervous and cardiovascular systems. Laboratory exercises involve histology and anatomy. This is an appropriate course for Nursing students and others who require introductory coverage of the field.

PREREQUISITES: Biology 11 and Chemistry 11.

(3,3)L

BIO 112-3 Human Anatomy and Physiology for Nursing II

A continuation of Biology 111-3. This course deals with the respiratory, urinary, gastrointestinal, endocrine and reproductive systems. Laboratory exercises involve the development of various physiological principles utilizing modern instrumentation.

PREREQUISITE: Biology 111-3.

(3,3)L

BIO 114-3 Human Physiology

A one semester course dealing exclusively with human physiology. Materials covered range from topics at the molecular level to the systems level. Students enrolled in this course are assumed to have a basic familiarity with human anatomy. The course is designed specifically for nursing access students.

PREREQUISITE: Practical Nurse.

(3,3)L

BIO 121-3 Human Anatomy and Physiology for Medical Laboratory Technology I

This course presents a broad and thorough coverage of the systems of anatomy and physiology. Lecture course emphasis is on physiological principles at both the cellular and systems level. Cellular biology and the skeletal, muscular, nervous and cardiovascular systems are covered. This course is open to students outside the Medical Laboratory Technology program, who may find an introductory course appropriate.

PREREQUISITES: Bio 11 and Chem 11. Bio 12 and Chem 12 are recommended.

(3,3)L

BIO 122-3 Human Anatomy and Physiology for Medical Laboratory Technology II

A continuation of Biology 121-3. Topics to be covered include the respiratory, urinary, gastrointestinal, endocrine and reproductive systems and metabolism. Laboratory exercises deal with physiological principles utilizing modern equipment and a variety of laboratory animals, both cold and warm blooded.

PREREQUISITE: Bio 121-3

(3,3)L

BIO 123-3 Fundamentals of Immunology

Basic principles of Immunology are given with emphasis on medical laboratory application. The topics covered include molecular aspects of antigen and antibody, serological reactions, hypersensitive states, autoimmune diseases, tissue and tumor immunity, and immunologic deficiency diseases.

PREREQUISITES: Bio 11, Chem 151-3

COREQUISITE: Chem 154-3

(3,2)L

* BIO 180-2 Aquatic Biology for Anglers

Topics to be discussed include physical aspects of lakes and streams, gamefish biology, the biology of important insects and invertebrates. Instruction in basics through advanced techniques for flytying and basic flyfishing methods is included. (1,2)L

* BIO 181-2 Flowering Plants of the Prince George Area

Open to community members as well as college students. This course covers identification and biology of local flowering plants. Labs concentrate on the use of technical keys for plant identification. Lecture topics include flowering plant morphology, classification and ecology. Prospective students should contact the instructor for information about making a plant collection. (1,2)L

BIO 201-3 Cell Structure

Beginning with experimental techniques, this course covers physical and chemical aspects of biological structure in prokaryote and eukaryote cells as well as in virus particles. Additional topics include cell events (mitosis, meiosis and movement) and correlations of structural diversity with functional specialization.

PREREQUISITES: Bio 101-3 and 102-3; Chem 101-3 or 103-3 and 104-3.

COREQUISITE: Chem 203-3. (3,0)

BIO 202-3 Cell Chemistry

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

PREREQUISITE: Bio 201-3.

COREQUISITE: Chem 204-3. (3,0)

BIO 203-3 Introduction to Ecology

The organism and its abiotic and biotic environment will be introduced followed by a more complete analysis of energy flow and the cycles of various organic and inorganic materials. Intraspecific and interspecific relationships of organisms will be developed. An introduction to the biome concept and the influence of man on his environment will be considered.

PREREQUISITES: Bio 101-3 and 102-3 or Bio 103-3 and 104-3 and first year College Chemistry (3,0)

BIO 204-3 Introduction to Genetics

This introductory course will cover classical genetics, molecular genetics, genetics of populations and human genetics. The use of statistics in genetics will be introduced where applicable.

PREREQUISITES: Bio 101-3 and 102-3 or Bio 103-3 and 104-3 and first year College Chemistry. (3,0)

*** BIO 205-3 Introduction to Microbiology I**

A historical perspective of microbiology, followed by topics which will include bacterial cell structure and its relation to function, bacterial growth kinetics and a survey of the lower protists. An introduction to virology and bacterial metabolism, including environmental factors which affect microbial growth and survival will also be presented.

PREREQUISITES: Bio 101-3 and 102-3

COREQUISITE: Chem 203-3. (3,3)L

*** BIO 206-3 Introduction to Microbiology II**

This course will include an introduction to the genetics of bacteria and viruses; sporulation as a form of bacterial differentiation; immunology, including both antibody and cellular responses to antigen and an analysis of host-parasite relationships.

PREREQUISITE: Bio 205-3.

COREQUISITE: Chem 204-3. (3,3)L

BIO 207-3 Comparative Anatomy of Vertebrates

A systematic approach to the comparative anatomy of the vertebrates. Organisms exhibiting a variety of morphological advances will be dissected in the laboratory.

PREREQUISITES: Bio 101-3 and 102-3. (3,3)L

BIO 208-3 Developmental Biology

A brief introduction to the principles of embryology and a survey of developmental anatomy and physiology of the vertebrates.

PREREQUISITES: Biol 101-3 and 102-3. (3,3)L

*** BIO 209-3 A Survey of Non-Vascular Plants**

A survey of algae, fungi, lichens and bryophytes. The approach of the course is to study evolutionary trends in form and function of non-vascular plants as they relate to adaptation to the environment.

PREREQUISITES: Bio 101-3 and 102-3 or Bio 103-3 and 104-3 with permission of instructor. (3,3)L

*Not offered in 1982-83

BUSINESS

BUS 151-3 Accounting I

A study of the fundamental concepts and techniques of the accounting process in proprietorships and corporations. Emphasis is placed upon the flow of information through the business and its relation to various functional areas. All material is integrated with case studies. (3,0)

BUS 152-3 Accounting II

A continuation of the introduction to fundamental accounting principles. Topics include: corporate accounting, financial statement analysis, budgeting, departmental accounting, manufacturing accounting and tax planning. All material is integrated with case studies.

PREREQUISITE: Bus 151-3 or equivalent with permission of the instructor.

BUS 153-3 Business Fundamentals I

An introduction to Business Management. The course takes a functional overview of business, and discusses finance, marketing and production, as well as areas related to personnel. There is a brief discussion of management and general management concepts, as well as a brief overview of the legal forms of business organizations and bankruptcy law. Basic techniques for problem definition and analysis will be introduced in the course, and the student will start to apply these ideas through the preparation of business cases. (3,1)

BUS 156-3 Applications in Accounting

The accounting principles learned in Business 151-3 are applied through the use of projects and practice sets. Students will gain experience working with the voucher system and one-write method for payroll, receivables, and payables. Students will also be required to complete a comprehensive practice set working from source documents through to financial statements.

PREREQUISITE: Bus 151-3 or instructor's permission. (1,2)

BUS 251-3 Intermediate Accounting I

A sound knowledge of fundamental accounting principles is essential to deal with the concepts presented in this course. The emphasis is on solving problems related to financial statements, cash, marketable securities, accounts receivable, current liabilities, inventories, plant and equipment, and intangible assets.

PREREQUISITE: Bus 152-3 or equivalent with permission of instructor. (3,0)

BUS 252-3 Intermediate Accounting II

The analysis of the balance sheets accounts, which was started in Bus 251-3, is concluded with coverage of shareholders' equity, long-term liabilities, and long-term investments. Other topics include: accounting for income taxes, accounting changes, statement analysis and price-level and fair-value accounting.

PREREQUISITES: Bus 251-3 or equivalent with permission of instructor. (3,0)

BUS. 253-3 Cost Accounting I

An introduction to managerial accounting. Emphasis is placed on cost for planning and control and included the following topics of prime managerial significance: Conceptual framework of management accounting, Cost-Volume-Profit relationships, job-order costing, process costing, labour costs: control and accounting, Standard costs: direct material and direct labour, flexible budgets, and managerial cost reports.

PREREQUISITE: Bus 152-3. (3,0)

BUS 254-3 Cost Accounting II

A continuation of Bus 253-3, Cost Accounting I. Topics covered include: accounting systems, standard cost analysis of overhead variances, responsibility accounting, budgeting/profit planning, inventory planning, control, valuation, joint-product costs and by-product costs, direct costing and the contribution approach, decentralization, including the measurements of performance - transfer pricing, sales mix, production mix, and yield variances.

PREREQUISITE: BUS 253-3 or instructor's permission. (3,0)

BUS 255-3 Principles of Management

An analysis of management functions including planning, organizing, staffing, directing, co-ordinating and controlling. Through classroom discussions and case analysis the student is able to integrate the principles of management with organizational situations. The process of decision making is also covered in this course as well as management by objectives and other techniques of management.

PREREQUISITE: Second year enrollment or instructor's permission. (3,0)

BUS 257-3 Financial Management I

An introduction to the application of financial tools to analyse the internal operations of the business enterprise with the objective of measuring performance and assisting management decision-making. The topics covered include: Ratio analysis, break-even analysis, financial forecasting, cash budgeting, management of cash and marketable securities, investment in accounts receivable - credit management, investment in inventories, capital budgeting, term loans and leases.

PREREQUISITE: Second year standing or instructor's permission. (3,0)

BUS 258-3 Financial Management II

Sources and forms of short-term financing for both large and small businesses are studied. The topics covered: Trade credit and current asset financing, bank financing, term loans, cost of capital, long term securities market, long term debt, financial leverage, warrants and convertibles, preferred stock, common stock, and dividend policy.

PREREQUISITE: BUS 257-3. (3,0)

BUS 259-3 Principles of Supervision - Basic

A course for new or experienced supervisors or for those contemplating promotion who wish to become proficient in supervisory and leadership skills. Includes such supervisory skills as communication, verbal and non-verbal. Barriers to effective communication, voice and body language, motivation, leadership styles, the change to supervisor/foreman responsibilities, group process productivity, delegation, discipline. Appraising performance. (3,0)

BUS 260-3 Principles of Supervision - Advanced

Course progresses within the following modules, communication, dealing with interpersonal transactions and communication styles. Time management, conflict, decision making, conducting effective meetings and on-the-job training. One of the following will be taken - management by objectives, or introduction to business writing, letters, memos, reports, reading and interpreting financial statements.

PREREQUISITE: Bus 259. (3,0)

BUS 261-3 Credit and Collections

Basic consumer and commercial credit management including a study of the role of credit, federal and provincial legislation dealing with credit transactions, types of credit instruments, credit policy and control, and collection techniques. (3,0)

BUS 262-3 Purchasing

A comprehensive course covering all phases of the purchasing function. Quality, specification, standardization, the right source of supply, the right price, negotiation, receiving, and inventory control methods. (4,0)

BUS 263-4 Principles of Inventory Control and Production Management

A comprehensive and detailed review of inventory control methods and production management techniques. (4,0)

BUS 264-4 Principles of Transportation

This course is primarily for purchasing personnel, and covers the following areas: purchasing and transportation, transportation systems, rates, and services. (4,0)

BUS 265-3 Business Policy

An examination of the process of strategy and policy formation in business and organizations of all types, though the emphasis will lie toward the smaller, medium-sized enterprise. This course deals with policy decisions in all areas of business - marketing, personnel, and finance. Extensive use will be made of business cases, with many drawn from the local community.

Readings, films, and guest lecturers will be an important part of the course.

PREREQUISITE: Second year standing, or instructor's permission. (3,0)

BUS 266-3 Small Business Management

A specialized course dealing with topics of interest to those involved in small businesses. Small business finance, marketing, production, and personnel problems will be discussed, as well as special interest areas such as insurance, time management, purchasing, receivables management, and so on. Extensive use of cases and guest speakers.

PREREQUISITE: First year standing or instructor's permission. (3,0)

BUS 268-3 Human Relations in Business

This course is designed to develop an awareness of factors and skills in interpersonal relations. Factors in human relations will be explored through a careful examination of selected topics in personality and social psychology: e.g. roles, identity, motivation, attribution, social learning theory, altruism. Human relations skills will be examined through practice in a laboratory setting. (3,0)

BUS 270-3 Advanced Accounting

Topics covered include: consolidations, changes of price levels and financial reporting, replacement costs and financial reporting, foreign operations, re-organizations and liquidations.

PREREQUISITE: Bus 252-3 or instructor's permission. (3,0)

BUS 271-3 Marketing I

An introduction to the marketing function of the firm and basic marketing concepts. The course then examines the following topics: consumer motivation and behavior, product planning, development and distribution. Throughout the course, emphasis will be placed upon the application of concepts and perspectives to selected marketing cases. (3,0)

BUS 272-3 Marketing II

An in-depth examination of marketing research, 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 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: Bus 271-3. (3,0)

BUS 274 Organizational Behavior

A psychological study of work and organizations. Topics include human economics, motivation, learning, personality, measurement, groups, leadership, social psychology, decision-making, organizational design and development, organizational stress, communications, and research.

PREREQUISITES: recommended: Bus 268 or Psyc 204 (3,0)

BUS 275-3 Personnel Administration

A detailed examination of the many responsibilities of the personnel practitioner including interviewing, manpower planning and development, salary and wage administration, organizational development, personnel placement and selection, administration of employee benefits, safety and labor/management relations. The emerging role of the personnel department in relationship to employee productivity is also emphasized.

PREREQUISITE: Second year standing or instructor's permission. (3,0)

BUS 276-3 Interviewing and Counselling

This course will be of particular interest to personnel people and those in supervisory positions, but will also be of help to those engaged in counselling. The varied techniques of counselling will be studied including group counselling and non-directive interviewing. The participants will be exposed to role playing and other practical exercises in order to practice the varied techniques.

PREREQUISITES: Second year standing or business experience and instructor's permission. (3,0)

BUS 277-3 Industrial Relations

A review of the history and current status of Industrial Relations in Canada with particular emphasis on the roles assumed by labour unions, management, and government bodies in the collective bargaining process. Grievance procedures,

administration of collective agreement, arbitration, mediation, strikes, lockouts, and provincial labour codes are discussed in detail along with anti-inflation and the resolution of conflict. (3,0)

BUS 278-1 Retail Merchandising

A study of merchandising principles, practices and processes in Canadian marketing. The course studies the consumer, buying methods, and sources of supply, selling, sales promotion methods and media, inventory control. (3,0)

BUS 293-3 Business Law I

An introductory course concerned primarily with Contract Law. Topics include: Introduction to the Canadian Legal System, Contracts - Offer, Acceptance, Consideration, Capacity, Legality, Mistake and Misrepresentation, Privity, Assignment, Discharge, and Breach and Remedies. The Sale of Goods Act. Consumer Protection Act. Trade Practices Act. Bailment, Creditors Remedies. (3,0)

BUS 294-3 Business Law II

An in-depth treatment of legal topics complementary to those in Business 293. Major areas discussed include Employment, Agency and Partnership, Corporations, Negotiable Instruments, Secured Transactions, Insurance, Real Property, and Landlord and Tenant.

PREREQUISITE: None. Business 293 is recommended but not required. (3,0)

CHEMISTRY

Both the lecture portion and the laboratory portion must be passed in order to complete the course.

CHEM 101-3 Fundamentals of Chemistry I

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

PREREQUISITE: Chemistry 12 or equivalent. (3,3)L

CHEM 102-3 Fundamentals of Chemistry II

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

PREREQUISITE: Chemistry 12 or equivalent. (3,3)L

CHEM 103-3 Introduction to Chemistry I

With Chemistry 104-3 this course constitutes a first year general Chemistry course for students planning on entering Agriculture, Forestry, Sciences, etc. The course covers solution calculation, equilibrium, pH, acids and bases and oxidation and reduction.

PREREQUISITE: Chemistry 11 or instructor's permission. (3,3)L

CHEM 104-3 Introduction to Chemistry II

This is a course for students who have not completed Chemistry 12 recently. It is primarily intended for students whose major areas such as Forestry, Home Economics, etc. require 1 or 2 years Chemistry. The topics covered are chemical bonding, chemical calculations, organic and inorganic Chemistry.

PREREQUISITE: Chem 11 or instructor's permission (3,3)L

CHEM 154-3 Chemistry for Medical Lab

Analytical, organic, and biological chemistry for medical lab technology students.

PREREQUISITE: Tech. Chem. 181-3 (3,3)L

CHEM 201-3 Physical Chemistry

This course comprises a discussion of the laws of thermodynamics followed by a treatment of the equilibrium thermodynamics of gases and solutions.

PREREQUISITE: Chem 101-3 or 103-3. (3,3)L

CHEM 202-3 Inorganic and Co-ordination Chemistry

The chemistry and structure of transition metal compounds are discussed in this course. The kinetics and mechanism of reactions of co-ordination compounds is also covered.

PREREQUISITE: First Year Chemistry (3,3)L

CHEM 203-3 Organic Chemistry I

The course provides an introduction to organic chemistry. A survey of structure and reactivity for the major functional groups is followed by an introduction to analysis and structure determination. A major topic on chirality and conformational analysis is included. Laboratory experience includes an introduction to synthetic methods and infrared spectroscopy.

PREREQUISITE: Chem 102-3 or 104-3. (3,3)L

CHEM 204-3 Organic Chemistry II

Mechanism and synthesis are discussed as central themes in organic chemistry. This course surveys substitution, addition, elimination, rearrangement and oxidation-reduction reactions for the functional groups introduced in Chemistry 203. Additional topics in carbonyl and carbohydrate chemistry are included, as is an introduction to nuclear magnetic resonance. Laboratory experiments provide experience in contemporary synthetic methods and gas chromatography.

PREREQUISITE: Chem 203-3. (3,3)L

COACHING

COCH 151-2 The Physiological Basis of Sport

This course provides coaches with skills that will allow them to analyze the physiological needs of their athletes, and to plan more effective training sessions that will result in desired change, and ultimately improve performance. (3,0)

COCH 153-1 NCCP Level I Theory

This course will provide coaches with the basics on becoming a better volunteer coach. Theoretical skills are introduced and their applications to a wide range of sport skills and interpersonal behavior will be illustrated. Example topics include leadership and communication, human learning and motivation, growth and development, and muscle control and development. (3,0)

COCH 154-2 Principles of Coaching

The course is designed to offer coaches of all sports and levels the specialized knowledge required to assume a more professional approach to the coaching role. The course will help the inexperienced coach to understand the fundamentals of coaching, and enable the more seasoned coach to improve his/her skills by acquiring the most recent coaching principles. (3,0)

COCH 170-1 NCCP Level I Technical

This course relates the methods for teaching and learning of physical skills and strategies of the particular sport. It also specifically applies the general coaching principles in the theory components.

COCH 199-3 Coaching Fieldwork I

The student coach will work with an experienced coach. This experience will be co-ordinated by CNC. Credit will be granted upon proof of completion of fieldwork. Fieldwork (50)

COCH 251-2 Psychology of Coaching

The general emphasis in the course will be on increasing the student's understanding of the major psychological processes that underlie athletic coaching. Topics will include mature incentive systems in sport, achievement motivation, aggression, behavior control, anxiety, and competition arousal. (3,0)

COCH 256-2 Sport Medicine

This course is designed to introduce and equip the coach with the knowledge, attitude and skill necessary to deal effectively with the most prevalent problems; namely soft tissue injuries, strains and sprains, dislocations, and fractures. (3,0)

COCH 258-2 NCCP Level II Theory

Level II of the NCCP is aimed towards development and the teaching of sport science fundamentals centered around a seasonal schedule. This course is designed for the volunteer coach who works with a more committed and dedicated athlete.

PREREQUISITES: Coch 153-1 and Coch 170-1 or NCCP Level I Theory and Technical. (3,0)

COCH 270-1 NCCP Level II Technical

This course relates the methods for teaching and learning of physical skills and strategies of the particular sport. It also specifically applies the general coaching principles in the theory components.

COCH 299-3 Coaching Fieldwork II

The student coach will work with an experienced coach. This experience will be co-ordinated by CNC. Credit will be granted upon-proof of completion of fieldwork. Fieldwork (50)

CNC COURSES (Study Skills)

CNC 151-0 Study and Notetaking

This program aims at developing a systematic habit of reading textbooks and listening to lectures, an organized method of note taking and note review, and a strengthened sense of the structure of communication.

CNC 152-0 Writing Skills (Research and Essay)

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

CNC 153-0 Speed Reading

This course enables the student to increase his rate of reading and comprehension. This is a proven College Program that utilizes non-fiction material.

CNC 154-0 Directed Studies

An individual approach enabling students to improve study habits, writing, reading, and all areas of learning. This is achieved through counselling involving the study skills instructors and counsellors. Attendance in this course is a requirement for students on probationary status.

CNC 155-0 Study Management

A mini course to be given during orientation and throughout the college year on the request of class instructors. Areas to be covered either partially or in their entirety are: Study management - Major course related skills - Auxiliary course skills - Attitudes, interests and habits.

CNC COURSES (Counselling)

CNC 160-0 Career Planning

Career Planning is an eight week course designed to assist individuals with career selection and planning. Topics to be covered are: (1) Decision-making skills (2) Self awareness (3) Career/Vocational information sources (4) Job search skills.

(1½, 1½)

COMMERCE

COM 110-3 Quantitative Analysis I

Quantitative Analysis I provides an introduction to criteria for choice, cost benefit analysis, discounted cash flow and linear programming. The linear programming section employs a computer based linear programming package.

PREREQUISITES: Math 101-3 and Math 102-3 or Math 103-3 and Math 104-3 or permission of instructor. (3,0)

COM 120-3 Organizational Behavior

A multi-dimensional approach to understanding the human problems of business organizations. The areas of determinants of behavior, actual behavior, and the consequences of behaviors are examined in detail with the objective of improving skill at diagnosing behavioural situations. Specific topics include group behavior, individual behaviour, leadership, communication, and introduction of change. (3,0)

COM 201-3 Accounting

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)

COM 202-3 Financial Accounting

The review and extension of financial accounting concepts and their applications to the financial statements studied in Commerce 201 and to additional areas, including some income tax. The impact on financial statements of income determination,

valuation, and classification alternatives. The use of financial statements for decisions through ratio analysis.

PREREQUISITE: Com 201-3. (3,0)

COM 207-3 Business Statistics I

Basic probability and statistical concepts. Decision Theory and the revision of probabilities. Classical decision theory.

PREREQUISITES: Math 102-3 or Math 103-3 and Math 104-3 (3,0)

COM 208-3 Business Statistics II

Statistics applied to business problems. Estimation, hypothesis testing, correlation, linear and multiple regression, time series and forecasting models.

PREREQUISITE: Math 207-3 or Com 207-3 (3,0)

COMPUTER SCIENCE

See Math 109-3 and Math 110-3 and also Electronic Data Processing Program.

CONSTRUCTION

CONS 150-2 Introduction to the Construction Industry

This course will be primarily field trips and visits to many types and sizes of construction projects. The purpose is to expose students to the many diversified areas in the construction business so that they can relate their course studies to the practical application. Students will be required to submit reports on each of these trips which will be graded for material content and grammar construction as part of Engl 151-3 course.

COREQUISITE: Engl 151-3. (0,2)L

CONS 151-3 Materials and Applications I

In order to plan and supervise a construction job, a person must have detailed knowledge of the materials which are used in today's industry, their costs and how they are used. This course examines soils, concrete, masonry and steel. The lab portion enables students to conduct actual soil tests and to cast concrete test cylinders.

COREQUISITE: Cons 150-3 (3,2)L

CONS 152-3 Materials and Applications II

This course is a continuation of CONS 151-3. The main topics are: wood framing, insulation requirements, drywall, flooring, plastics, painting and roofing. A brief introduction to mechanical and electrical systems will also be included.

PREREQUISITE: Cons 151-3. (3,2)L

CONS 153-3 Plumbing, Electrical, and Interior Finishing

This is a laboratory experience where the student will apply his or her theoretical training and practical ability to fit and assemble the components that make up the plumbing and electrical services in modern buildings. The student will also gain practical experience in drywall, carpeting, and painting. (0,3)L

CONS 156-3 Introductory Carpentry

After a thorough grounding in the theoretical concepts and safety practices associated with modern carpentry power tools, the student will put his skills to the task of cabinet making. (0,3)L

CONS 161-3 Construction Science I

Applications of mechanics to the construction industry. Topics include stress, strain, moments, introduction to design, fluids, work, and energy.

PREREQUISITE: Math 150-3. (3,2)L

CONS 261-3 Estimating and Bidding I

This course deals with basic fundamentals of building and with construction estimating; emphasis is on accurate, systematic quantity take-offs. This course will integrate knowledge and understanding gained during the first two semesters of the Construction Program.

PREREQUISITES: Draf 154-3 or permission of instructor. (2,2)L

CONS 262-3 Estimating and Bidding II

This course applies the techniques learned in Cons 261-3, 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.

PREREQUISITE: Cons 261-3. (2,2)L

CONS 263-3 Construction Science II

Topics include electricity, heat, sound, light, and other topics related to construction practices.

PREREQUISITE: Cons 161-3. (3,2)L

CONS 265-3 Construction Law

The purpose of the course is to introduce the students to the fundamentals of law, to acquire the basic knowledge of contract law in order to avoid legal problems and to know when advice is necessary. Standard contracts pertaining to the construction industry are also studied. (3,0)

CONS 266-3 Roads and Excavations

This is a study of the engineering methods used to lay out and build good access roads. The student actually lays out, surveys and designs a road making use of a mass diagram. Proper choice of earthmoving equipment is studied as well as methods used to estimate equipment productivity. The impact of roads on the environment and proper culvert design and installation is emphasized. (3,3)L

CONS 271-3 Construction Strength and Design I

This is an introductory course, utilizing the knowledge gained in Cons 161-3, to design beams, columns and pin type structures for construction in wood and steel.

PREREQUISITES: Math 151-3 and Cons 161-3. (2,2)L

CONS 274-3 Management Operations

The student will learn the importance of a well organized construction company office. Topics to be discussed include organization, staffing, evaluation, bookkeeping, cost accounting and cost control. (3,0)

CONS 281-3 Construction Strength and Design II

This is a continuation of Cons 271-3 using the basic design techniques for design work with reinforced concrete, steel and foundation walls in addition the building codes are reviewed to show how design work must conform to the given code.

PREREQUISITE: Cons 271-3. (3,0)

CONS 282-3 Project Operations

An overview of the duties of the Superintendent in the role of manager with emphasis on project preplanning, scheduling, and communications. The duties and functions of a superintendent in his role as a manager are stressed. The lab portion of the course consists of weekly 2 hour trips to various job sites and a 1 hour discussion or film relating to construction projects. (3,3)L

CONS 283-3 Construction Equipment

A study of the economics of equipment costs in relationship to rentals, purchases or dispositions of equipment used in the industry are studied with emphasis on the importance of maintenance and components of the equipment. (3,0)

CONS 284-3 Building Services

This includes the services that the general contractor supplies such as water, sewage and drainage and the building services that are done by the electrical and mechanical trades electrical heating and air conditioning, plumbing and refrigeration.

PREREQUISITE: Second year standing in Construction Technology. (3,0)

CONS 290-1 Summer Essay

A report on the summer's work experience will be required by those entering the third semester. A report outline will be discussed in detail with the students prior to the end of the second semester. This is not a difficult assignment; it is meant to encourage the student to observe and record what happens on a job site. The results of this report will be used later in Cons 282-3.

CONS 291-2 Construction Project I

This course deals with the practical application of the construction technology by having the students undertake a building project. In this project the students learn the correct methods of using the tools of the building trade and the interrelation between the construction trades. (1,3)L

CONS 292-2 Construction Project II

A continuation of Cons 291-2.

PREREQUISITE: Cons 291-2. (1,3)L

CRIMINOLOGY

CRIM 101-3 Introduction to Criminology

Examination of different terms and concepts commonly used in criminology, such as crime, delinquency, deviance, criminal, victim rehabilitation, treatment, etc. Criminology as a science and as a profession. Position and subject matter of criminology. Relationship between criminology and other sciences. Specificity of criminology. Relationship between theory and practice. History and evolution of criminological thought. Elements of continuity and discontinuity between classical and modern theories of criminality. Levels of explanations in criminology. Practical applications of criminology. Criminology and the scientific foundations of a modern criminal policy. (3,0)

CRIM 103-3 Introduction to the Criminal Justice System

An overview and analysis of the Canadian Criminal Justice System. The offender is followed through the process of initial contact with police to correctional disposition after conviction. The rights, responsibilities and discretion at each stage of the process are discussed. The functions and dysfunctions of the system and the relationships among its components and community agencies are analyzed. (3,0)

CRIM 106-3 Sociological Explanations of Crime and Deviance

An introduction to sociological and social psychological explanations of criminal and deviant behaviour. Several sociological perspectives on crime and deviance are examined and applied to various forms of deviant behaviour. The assumptions underlying each of the theories are identified and critically assessed.

PREREQUISITES: Crim 101 recommended (3,0)

DRAFTING

DRAF 151-2 Introductory Drafting I

Techniques of reading and producing orthographic drawings using standard format and the development of basic skills in applying these techniques. Use of instruments, line work, geometric constructions. Orthographic projects, isometric drawing and sketching, sections, dimensioning and threads, and fasteners, as required. (0,2)

DRAF 153-3 Drafting Fundamentals

This course includes 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. (1,3)L

DRAF 154-3 Drafting and Interpretation

A continuation of the Drafting techniques introduced in Draf 153-3 with added work in interpretation of various types of construction plans, and specifications. Emphasis shall be on interpretation.

PREREQUISITE: Draf 153-3. (2,2)L

DRAWING

DRAWING 141-2 Engineering Drawing I

Orthographic projection, technical sketching, engineering geometry, graphic solution of space and vector problems and presentation of engineering data on graphs. (1,2)L

DRAWING 142-2 Engineering Drawing II

Engineering geometry (including auxiliary views), azimuth and bearing problems, contour lines, cutting planes and developments, graphical integration and differentiation, logarithmic graphs.

PREREQUISITE: DRAW 141-2 (1,2)L

EARLY CHILDHOOD EDUCATION

ECE 151-4 Child Growth and Development

The study of human development during the formative years: conception to age seven. All aspects of development and major theories of development are discussed. Emphasis will be on the interaction between heredity and the environment as it affects development. (4,0)

ECE 153-3 The Child in Society

A study of the interrelationship between the home, the school and the community. The influence of social conditions on the child and his/her family is discussed. Attention is given to effective parent-teacher communication and co-operation with family and child oriented community resources. (3,0)

ECE 154-3 Theories and Practices of ECE

A study of the major historic and current theories of Early Childhood Education and the practices that have evolved from these theories. Goals and objectives and approaches to programming for ECE programs are studied. (3,0)

ECE 155-3 Theories and Practices of ECE

A continuation of ECE 154. Skills for effective and sensitive interaction with young children are presented. Students learn various approaches to classroom management, guiding of children's behaviour and planning for groups and individual children.

PREREQUISITE: ECE 154, 170 or instructor's permission (3,0)

ECE 160-1 Seminar in ECE

The exploration of current topics in ECE as they apply to student participation in the field.

COREQUISITES: ECE 151, 154, 165, 170, 190. (0,1)

ECE 161-1 Seminar in ECE

The exploration of current topics in Early Childhood Education as they apply to student participation in the field. Topics covered include: differing philosophies, solving discipline problems, working in a team, etc. (0,2)

ECE 165-4 Program Development

Curriculum for young children is studied in depth. Curriculum areas covered are art, music, movement, science, math, social studies, language and literature. Workshops for preparation of materials and practice with projects are included.

PREREQUISITES: ECE 151 and 154. (4,0)

ECE 166-4 Program Development

A continuation of ECE 165. Students become actively involved in designing, planning and implementing the curriculum for Early Childhood programs.

PREREQUISITE: ECE 165. (4,0)

ECE 170-2 Observing & Recording Behavior

Directed observation of young children in the CNC Demonstration Day Care and other centres for young children. Methods for accurately and objectively observing, recording and interpreting child behaviour are studied and practiced. (4,0)

ECE 172-2 Health, Safety and Nutrition in the Preschool

The study of health, nutrition and safety needs of young children. Emphasis is on healthful practices in the preschool and nutritious menu planning for child care centres. Students will receive full, certified first aid training oriented for the preschool child. (2,1)

ECE 174-2 Interacting with Families

A study of the interrelationships between the home and the preschool centre. Attention is given to effective parent-teacher communication and co-operation. (2,0)

ECE 176-3 Human Relation in Early Childhood Setting

The course will assist the student in exploring his or her own values, goals, and style of interacting with others. Students will acquire skills needed to establish helping relationships and to work as an effective team member. (3,0)

ECE 190-3 Practicum I

Practical experience in working with young children under the guidance of qualified supervisors in day care centres, nursery schools and kindergartens. Students plan and implement learning activities and acquire basic skills in interacting with children and other staff members. Classroom seminars are held in conjunction with field work.

NOTE: Part time students require instr. permission (0,10)

ECE 199-4 Practicum II

Advanced supervised experience in working with young children. Students actively participate in program planning and implementation. Classroom seminars are held in conjunction with field work. PREREQUISITE ECE 190 or instr. permission (010)

ECE 251-3 Administration of Early Childhood Programme

A study of various areas of administration including staff selection and supervision, parent relations, program designing and planning, record keeping, working with community and government agencies, budgeting and financing. Meets second level competency requirements.

PREREQUISITES: ECE Certificate. (3,0)

ECE 252-3 Administration of ECE Programs

A continuation of ECE 251 including such topics as staff relationships, record keeping, bookkeeping, budgeting, developing policies and procedures; parent, community and Board relations; and evaluation of self, staff, children and program.

PREREQUISITE: ECE 251 or instructors permission. (3,0)

ECONOMICS

ECON 101-3 Introduction to Economics

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

This course reveals current issues. Some of the topics are taxation, governmental economic policies, domestic and foreign investment, foreign trade problems and labour. 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 151-3 Introduction to Microeconomics

This course will examine theories, government policies, general knowledge and current events and issues relating to which include the characteristics and goals of the Canadian economy; the pricing of goods, services, and inputs, the organization and behavior of businesses under different industry environments and consumerism.

(3,0)

ECON 152-3 Introduction to Macroeconomics

This course will examine theories, government policies, general knowledge and current events and issues relating to topics which include: taxation and the government sector; unemployment and inflation; money, banking and interest rates; unions and industrial democracy; international trade.

Students can take Econ 152 without Econ 151. (3,0)

ECON 201-3 Principles of Economics – Macroeconomics

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.

PREREQUISITES: Math 12 or instructor's permission (3,0)

ECON 202-3 Principles of Economics - Microeconomics

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

PREREQUISITES: Math 12 or instructor's permission (3,0)

ELECTRONIC DATA PROCESSING

EDP 151-3 Data Processing Fundamentals

An introduction to the development of data processing and the perspectives and issues associated with it. An orientation to the computer and an insight into the impact that computers have had on society. An introduction to the solution of problems, using flow-charting and programming of the computer. Laboratory procedures include filing procedures, equipment and systems, and accounting forms and routines in control, purchasing and sales.

(3,3)L

EDP 152-3 Computer Programming I

An introduction to the principles of programming. This course concentrates on the RPG II programming language, based

on a modular learning method, with "hands on" computer experience. Flow-charting, coding, testing, debugging, and documenting several applications of increasing complexity will be included.

PREREQUISITE: EDP 151-3 preferred. (3,3)L

EDP 155-3 Fortran Programming

An introduction to the computer, machine operation, and data processing techniques. Flow-charting and problem definition are described preliminary to programming in the Fortran language. Several programs will be given to teach the language and to illustrate the capability of the computer. (3,3)L

EDP 157-3 Introduction to Data Processing for Medical Lab. Technologists

Data Processing functions are taught and practised on unit record equipment. Computer programming fundamentals, flowcharting, and solution algorithms are taught. Students will write and test programs. (3,3)L

EDP 251-3 Computer Programming II

The programming of a computer is usually done using a high level language. The most commonly used computer language is COBOL (Common Business Oriented Language). Using COBOL, students will study the fundamentals of business computer programming.

PREREQUISITE: EDP 152-3 or Computer Programming Course. (3,3)L

EDP 252-3 Computer Programming III

A study of advanced business computer programming. The use of disk files and of different disk file organizations will be examined through realistic programming assignments. The advanced features of COBOL will be used. The course will expose the student to the intricacies of JCL (Job Control Language).

PREREQUISITE: EDP 251-3 (or previous COBOL course). (3,3)L

EDP 253-3 Systems Analysis

An introduction to the methods used in designing systems. Problem definition, making a proposal, the full systems study, designing a new system, cost comparison, selling the system, implementing, documenting and follow up evaluation.

PREREQUISITE: EDP 151-3 or instructor's permission. (3,1)
COREQUISITE: EDP 255-3 is suggested.

EDP 254-3 Systems Design

A continuation of EDP 253-3 which concentrates on the design of a systems flowcharting, forms and records design, controls and audit trails, procedures, user documentation and operating handbooks. The student will learn by designing an actual system project and creating all the necessary reports and documentation.

PREREQUISITE: EDP 253-3 or instructor's permission. (3,1)

EDP 255-3 Business Uses of the Computer

The course will cover some of the most often encountered business computer applications, such as: payroll, accounts payable, and general ledger. The techniques for conducting a feasibility study for proposed computer applications are studied. Case studies will be used to illustrate the topics.

PREREQUISITE: EDP 152-3 or computer course preferred. (3,0)

EDP 256-3 Managerial Computer Applications

Increasingly, management utilizes the computer to apply Management Science techniques in the analysis of business problems. In this course the student will examine advanced applications through the use of pre-programmed computer packages. The topics will include critical path, linear programming, simulation, and forecasting. Case studies will add to the student's comprehension of these topics.

PREREQUISITE: At least one computer course. (3,1)L

EDP 257-3 Management Information Systems

The objective of this course is to provide a comprehensive framework for those seeking an understanding of management information systems (MIS) and their utilization in business, industry and government. As a pragmatic course it will help students to realize the potentials and limitations of MIS. Several

real life cases will be studied to emphasize the major topics. (3,0)
NOTE: See also Computing Science courses listed under Mathematics.

ENGLISH

ENGL 101-3 Literature and Composition I

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

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

A study of grammar, composition, and style. Students are required to submit at least five essays plus a variety of writing assignments or exercises dealing with specific problems in essay writing. (3,0)

ENGL 104-3 Introduction to Literature

This course will introduce students to three genres of literature - poetry, fiction, and drama, and include readings from the Classical to the Modern periods. Essay assignments will be required. (3,0)

ENGL 151-3 Effective Communication I

A course in communication for career students that emphasizes report writing. Students will be given extensive practice in planning technical and business reports, writing clear and concise English, gathering information from libraries, questionnaires, and interviews, and presenting reports in the proper format. (3,0)

ENGL 152-3 Effective Communication II

A continuation of Engl 151-3. Some additional practice in letter writing, speaking, and audio-visual communications will be provided.

PREREQUISITE: Engl 151-3. (3,0)

ENGL 161-3 Film Appreciation

Masterpieces of international cinema will be screened and discussed, and readings in the history, theory and analysis of film will be assigned. (1,2)

ENGL 201-3 English Literature, 1350-1688

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 Engl 101-3, 102-3, 103-3. (3,0)

ENGL 202-3 English Literature, 1688-1900

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.

PREREQUISITE: Two of Engl 101-3, 102-3, 103-3. (3,0)

ENGL 203-3 Canadian Literature I

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 Engl 101-3, 102-3, 103-3. (3,0)

ENGL 204-3 Canadian Literature II

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

PREREQUISITES: Two of Engl 101-3, 102-3, 103-3. (3,0)

ENGL 205-3 Creative Writing I

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: Instructor's permission. (3,0)

ENGL 206-3 Creative Writing II

A continuation of Engl 205-3.

PREREQUISITE: Instructor's permission. (3,0)

ENGL 213-3 Short Fiction I

A survey of the short story and novella from Poe to Lawrence. Students will be asked to write at least three essays on literary topics.

PREREQUISITES: Any two of Engl 101-3, 102-3, 103-3. (3,0)

ENGL 214-3 Short Fiction II

A survey of the short story and novella from Kafka to the present. Students will submit three essays on literary topics.

PREREQUISITES: Any two of Engl 101-3, 102-3, 103-3. (3,0)

FORESTRY

FOR 150-3 Forestry Orientation

This two week course is designed to introduce the student to the basic concepts of forest technology. Emphasis is placed on survival first aid, water safety, mechanical equipment uses and maintenance, safe working practices and field trips relevant to the program. Woods navigation and survival is stressed during a four-day 'fly camp.'

(0,3)

FOR 154-3 Forest Products

Manufacturing of lumber, chips, plywood, and pulp is covered in this course with major emphasis on lumber production. Species utilization for end product use is emphasized. Macroscopic identification and properties of B.C. commercial wood species is handled in laboratory sections.

PREREQUISITES: FOR 155-3, 161-3 (2,2)L

FOR 155-3 Forest Science I

This course introduces the student to the broad field of forestry and forest management, with emphasis on forestry concepts and terminology, the forest tenure system in B.C., and the importance of the forest industry. Most of the semester is spent on dendrology, silvics of important B.C. commercial timber species, identification of plant indicators, and autecology (factors affecting tree growth). Also covered are Forest Regions of Canada and the Biogeoclimatic zones of B.C.

(2,2)L

FOR 156-3 Forest Science II

In the second semester, emphasis is on botany, with a general review of the plant kingdom (with particular reference to forest ecosystems) and basic plant anatomy and physiology (with emphasis on tree structure, growth, and reproduction). This is followed by forest site, range botany. The forest science course is basic to most second year courses in Forest Resource technology.

PREREQUISITES: For 155-3, 157-3, 173-3 (2,2.)L

FOR 157-3 Forest Soils and Ecology

This course is basic to an understanding of forest productivity with applications in silviculture and engineering. Topics covered are landforms and soil formation, physical and chemical properties of soils, description of profiles, soil classification systems. Field Exercises will emphasize classification and mapping of soils and forest ecosystems.

PREREQUISITES: For 162-3, 156-3 (2,2)L

FOR 161-3 Forest Measurements I

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. Field notekeeping, mapping and drafting are given special emphasis. The construction and use of tables and graphic techniques both for reference and summarization of data is emphasized.

(3,3)L

FOR 162-3 Forest Measurements II

Statistics and their application to control sampling error. Methods of volume and data compilations. Extensive field application of sampling and surveying procedures, with emphasis on notekeeping, accuracy, and completion of forest type and contour maps. Regeneration forestry procedures will also be covered.

PREREQUISITES: For 157-3, 161-3, 171-3, 173-2 (3,4)L

FOR 165-3 Fire Control I

Fire behaviour as it is affected by weather, topography and fuel types. Weather instruments, fire weather and the Canadian

Fire Weather Index System are studied in detail to understand fire management concepts. Slash burning techniques, use of water and fire pumps, domestic and industrial fire fighting methods are also included. Wood safety is stressed throughout this course.

(2,2)L

FOR 166-3 Fire Control II

Fire suppression techniques, including use of water, bulldozers, skidders, rotary and fixed wing aircraft, air tankers and chemical retardants. Initial attack and fire crew organization, detection, communications and presuppression planning are covered in detail. Part IX of the Forest Act and Regulations are covered. Fire suppression methods and concepts are studied through fire simulation exercise.

PREREQUISITE: For 165-3. (2,2)L

FOR 171-3 Photogrammetry

Photogrammetry involves the interpretation of information from air 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)L

FOR 172-3 Photo Interpretation

Emphasizes the use of photographs in mapping, value estimation, logging layout, and forest protection. Drafting skills are further developed.

PREREQUISITES: For 157-3, 171-3 (1,3)L

FOR 173-2 Forest Drafting I

Basic survey plotting, traverse adjusting, map drawing skills, lettering, map annotation, and the compilation and drafting of topographic forest type maps.

(1,2)

FOR 174-2 Forest Drafting II

Plotting and drafting of cut block boundaries, road plans and profiles, area measurements and orthographic projection.

PREREQUISITES: For 173-2, For 161-3 (1,2)L

FOR 199-3 Field School

Various field skills which may directly benefit the student in his or her summer employment culminating in a field trip to view coastal forest. Highlights of the trip may include research facilities (Provincial and Federal), forest nurseries, a seed extractory, coastal logging and manufacturing operations, and UBC Research Forest.

Field Experience (50)

PREREQUISITES: G.P.A. of 2.0 in first semester.

FOR 251-3 Forest Management I

An overview of forest management in B.C. with emphasis on the Central Interior. Topics covered are management history, forms of tenure and administration, utilization, inventory, sustained yield principles and allowable cut calculations. The Forest Act, organization of the B.C. Forest Service, and forest product companies are also examined.

PREREQUISITES: For 156-3, 157-3, 162-3, 166-3, 172-3, 174-2, Eng 151-3 (2,2)

FOR 252-3 Forest Management II

Emphasis is placed on integrated resource management of forest lands. Topics covered are: land use planning, hydrology, fish and wildlife, range management, recreation and their interaction with forest harvesting. A resource folio is compiled covering an actual forest area in conjunction with other courses.

PREREQUISITES: For 251-3, 253-3 (2,3)L

FOR 253-3 Silviculture I

Silviculture is the application of basic tree biology and forest ecology to the growing, harvesting, and regeneration of trees. The student will apply his basic knowledge of soils and ecology to ecological classification, stand tending, site preparation, planting operations and silvicultural systems. Laboratory and field exercises will include planting inspections and plantation performance assessment, site assessment and prescriptions, juvenile spacing, and ecosystem mapping.

PREREQUISITES: For 156-3, For 157-3, For 162-3, For 166-3, For 174-2, For 172, Eng. 151.

FOR 254-3 Silviculture II

Topics include tree seed collection and processing, direct seeding, nursery practices, cultural practices, (thinning fertilization), tree improvement, and the ecological impact of forestry practices. Emphasis will be on the basic field skills required to cope with the accelerated reforestation and silvicultural programs in B.C. A three-day course in pesticides will lead to the 'Pesticide Applicator's Certificate'. (A \$10 fee is charged for writing the Pesticide exam.)

PREREQUISITE: For 253-3.

(3,2)L

FOR 255-3 Forest Entomology

The student will obtain a practical working knowledge of important insects which affect forest trees. This course 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.

PREREQUISITES: For 156-3, 172-3

FOR 256-3 Forest Pathology

The student will obtain a practical working knowledge of forest disease agencies in B. C. This course covers causes of disease, development of infectious diseases, and typical life histories. The most important forest diseases of B.C. will be studied, with emphasis on recognition, life histories, and damage.

PREREQUISITE: For 172.

FOR 261-3 Applied Sampling - Compilations

Compilation of the field work completed in For. 291-1, developing comprehensive industrial and/or Forest Service operational cruise maps and tabulating the cruise data into a final form. A computer print-out of the cruised data is also analyzed, and applied. The Study of other forestry sampling methods and 35mm aerial photography techniques completes the course.

PREREQUISITES: For 162-3, 172-3, 174-2, and full participation in For 291-1, Math 151.

(1,3)L

FOR 262-3 Log Scaling

Covers the Scaling Act and Regulations, the sampling techniques of weight scaling, cyclic billing procedures, and waste assessment. The majority of the course deals with Interior Metric Log Scaling as practiced by the Forest Service. At the completion of the course a student can write the B.C. Forest Service Log Scaling Exam for the Interior to qualify for his scaling licence.

PREREQUISITES: For 162-3 and 156-3, Math 151

(2,2)L

FOR 267-1 Human and Public Relations in Forestry

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

PREREQUISITES: Psyc 157/158, Eng. 152.

(1,0)

FOR 268-1 Industrial Relation in Forestry

Major topics in the course deal with the B.C. Labour Code as it relates to collective bargaining, strikes and lockouts. Function of the Labour Relations Board and Workers Compensation Board is also covered. W.C.B. safety rules and regulations related to forest activities are emphasized.

PREREQUISITE: For 267-1

(2,2)L

FOR 271-3 Harvesting Management I

All forms of land tenure with emphasis on forest tenures are studied and related to bodies responsible for their administration. Forest harvesting licenses are covered in detail with regard to the forest act and regulations, together with BCFS organization, and related to harvesting requirements.

PREREQUISITES: For 156, 157, 172, 174.

(2,2)L

**FOR 272-3 Harvesting Management II**

Topics covered are organization of forest companies, contractors and their interaction with each other, the BCFS and other statutory resource agencies. Silvicultural systems, integrated resource management, and the impact of timber harvesting on them, the land base and other resources are also covered.

PREREQUISITES: For 253, 271.

(2,2)L

FOR 279-6 Harvesting Methods

This course will include the topics for For 288-3 and will introduce the student to the practical application of equipment, labour, and other resources in the harvesting option. This course will be very heavily field oriented.

PREREQUISITE: For 287-3

COREQUISITE: Second Semester Harvesting Option

(4,6)L

FOR 281-3 Forest Finance I

An overview of stock and bond marketing as related to financing business enterprise. Basics of cost, price and value are related to cost accounting, operating and financial statements. Practical examples of forest industry statements and costing methods are used throughout this course.

PREREQUISITES: Math 151-3, For 153-3, 154, 162.

(2,2)L

FOR 282-3 Forest Finance II

A continuation of For 281-3 with an emphasis placed on practice of methods and concepts previously developed. Major topics are break-even determination, inventory, stumpage appraisals critical path method, interest and discount. A logging production and cost budget with inventory flow is developed as part of the harvesting plan in For 252-3.

PREREQUISITE: For 281-3, 261-3

(2,2)L

FOR 283-3 Industrial Management I

This course introduces the student to basic accounting and reporting skills, materials handling, processing systems and business management techniques applicable to the logging industry.

PREREQUISITES: For 162-3, 172-3

(2,2)L

FOR 284-3 Industrial Management II (Industrial First Aid)

This course introduces the student to the basics of labour and commercial law, personnel management, safety and accident prevention related to the training of first line supervisors in the logging industry. An industrial first aid course will be offered in this course.

PREREQUISITE: For 283-3 (2,2)

FOR 285-3 Roads and Transportation I

Road location survey techniques, horizontal and vertical alignment standards, measurement and calculation of earthwork volumes and earth movement, soil analysis and basic soil mechanics for construction purposes, use and application of higher order survey instruments.

PREREQUISITES: Math 151-3, For 162-3, 157-3, 172-3, 174-2 (3,3)L

FOR 286-3 Roads and Transportation II

Culvert and simple log beam bridge design, road construction methods and equipment applications. Road costing and road transportation economics.

PREREQUISITE: For 285-3 (3,3)L

FOR 287-3 Logging I

An introduction to logging methods with emphasis on the principles and methods of logging layout, logging guide lines and their importance, safety management, budget, and cost control.

PREREQUISITES: For 162-3, 154-3, 157-3, 166-3, 172-3, 174-3 (2,3)

FOR 288-3 Logging II

Logging II is a continuation of the Logging I course proceeding to the effect of the cutting systems on logging methods, description of coast logging and transporation systems with a review of the logging guidelines for coastal operations. Components and maintenance of logging equipment are discussed.

PREREQUISITE: For 287-3. (2,2)

FOR 290-1 Summer Technical Report

Students entering second year will submit a technical report 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. Specification for the essay will be discussed with students prior to the conclusion of the first term.

PREREQUISITES: Engl 151-3, Engl 152-3. (1,0)

FOR 291-1 Applied Sampling - Special Field Project

An extensive full time nine day field project covering cruise design and procedures, and applying the latest sampling techniques.

PREREQUISITES: For 162-3, For 172-3, For 174-2, 156, 157. (0,4)

FOR 299-3 Spring Field School

Students completing the second year program will select optional projects related to their own specific interest areas. Certain projects may be mandatory. This course covers a five day period.

FRENCH**FREN 101-3 Intermediate College French, Level 5**

This course consists of three parts: 1) A review of the essential structures of French grammar. 2) French conversation, 3) Exercises in comprehension of oral French. Conversation classes will be based on current social issues. The course is conducted in French.

PREREQUISITE: B.C. Grade 12 French or equivalent. (3,1½)

FREN 102-3 Intermediate College French, Level 6

This course consists of three parts: 1) Continuation of review of the essential structures of French grammar, 2) Writing practice, 3) Literary analysis. The course is conducted in French.

PREREQUISITE: Fren 101-3 or equivalent. (3,1½)

FREN 103-3 Intermediate College French, Level 3

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: B.C. Grade 11 French or equivalent. (3,1½)

FREN 104-3 Intermediate College French, Level 4

A continuation of Fren 103-3.

PREREQUISITE: Fren 103-3 or equivalent. (3,1½)

FREN 131-3 Introduction to College French, Level 1

This course will provide intensive practice in pronunciation and in the essential structures of the French language. It will emphasize the development of oral proficiency and comprehension through dialogues, reading selections, oral exercises in the language lab, oral and written exercises in class and elementary conversation.

(3,1½)

FREN 132-3 Introduction to College French, Level 2

A continuation of Fren 131-3. Students completing Fren 131-3 and 132-3 will be granted B.C. French 11 equivalency and will satisfy the prerequisites for admission to CNC Fren 103-3.

PREREQUISITE: Fren 131-3 or equivalent. (3,1½)

FREN 151-3 Conversational French I

An intermediate conversation course for people who have had between 2 and 4 years of secondary school French. This course will review the rudiments of the French language including pronunciation, grammatical structures, verb forms, and vocabulary using French dialogues as a starting point. Conversation based on themes and vocabularies established in the text or in class will be undertaken in one of the two weekly meetings of this course.

PREREQUISITE: 2 years Secondary School French or instructor's permission. (2,1)

FREN 152-3 Conversational French II

A continuation of Fren 151-3.

PREREQUISITE: Fren 151-3 or instructor's permission. (2,1)

FREN 201-3 Advanced College French, Level 7

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: Fren 102-3 or equivalent or instructor's permission. (3,0)

FRENCH 202-3 Advanced College French, Level 8

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

PREREQUISITE: Fren 201-3 or equivalent. (3,0)

GEOGRAPHY**GEOG 101-3 Man's Sense of Place:****An Introduction to Geography**

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)L

GEOG 103-3 Canada:**Some Geographical Perspectives**

The theory and concepts of "the regional method" are applied to Canada. Emphasis is given to an examination of resource development and resource policy in Canada using an historical perspective, with particular consideration given to the North.

(3,0)

*** GEOG 113-3 British Columbia; A Geographical Interpretation**

This course is an introduction to the physical environment and human occupation in an area of great geographical diversity. After examining land forms and vegetation, and the historical geography of settlement, emphasis will be given to current issues in resource development and the evolution of an urban system. A geographical interpretation of regional landscapes will be made.

(3,0)

• **GEOG 162-3 Resources and Their Management in the Central Interior**

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

PREREQUISITE: Geog 161-3. (1,2)

• **GEOG 164-3 The Urban World: A Geographer's Perspective**

From the earliest times, people have been fascinated by, and drawn to, towns and cities. More than 70% of Canadians are officially described as being "urban" and this percentage is increasing with every decade. This course will, through the use of lectures, films, and slide presentations, explore this phenomenon. Examples will be taken from the cities of the world, with emphasis upon the development of towns and cities in Western Canada in general and Prince George and its region in particular. (2,1)

• **GEOG 201-3 Weather and Climate**

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. (3,3)L

GEOG 202-3 The Surface of the Earth

A continuation of Geog 201-3.

PREREQUISITE: Geog 201-3. (3,3)L

GEOG 203-3 Economic Geography

A geographic view of economic activities and behaviour, using both a "systems" and "behavioral" approach. Traditional and more recent theories of Economic Geography will be examined in the light of these two approaches.

PREREQUISITES: Geog 101-3 and 103-3 or instructor's permission. (3,0)

• **Not offered in 1982-83**



GEOG 205-3 The Evolution of the Cultural Landscape

An investigation of the dynamic nature of the Man/land relationship in terms of cultural, sociological, institutional, and psychological influences upon Man's use and organization of his environment.

PREREQUISITES: Geog 101-3 and 103-3 or instructor's permission. (3,0)

GEOLOGY

GEOL 101-3 Introduction to Physical Geology

The physical aspects of geology: matter and minerals, classification of rocks, rock-forming processes, earthquakes and the earth's interior. Rock deformation, mountain building, the structure of the crust, continents and ocean basins, continental drift and plate tectonics. Oceans and shoreline processes, weathering and soil formation, map movement, rivers, deserts and glaciers. (3,3)L

GEOL 102-3 Introduction to Historical Geology

A continuation of GEOL 101-3, with emphasis on historical aspects: the nature, scope and methods of historical geology, geologic time, the fossil record and a survey of the major phyla, theory of evolution. The origin of the solar system, the early history of the earth, history of continents and life forms with emphasis on North America, the origin of man. A brief look at mineral resources and resource problems. (3,3)L

• **GEOL 161-3 Geology for General Interest**

A non-technical introduction to the materials of the earth and to the processes which operate to build and to shape the earth's surface features. Included will be a discussion of geologic time and earth's history and illustrations of processes in action in the development of the scenery of the Northwest in general, and B.C. in particular. (1,2)

GEOL 171-3 Introduction to Prospecting

The identification of minerals and rocks, the nature of mineral deposits, claim staking, legal requirements, sampling and field techniques, an introduction to geochemical and geophysical techniques. (1,2)

• **GEOL 172-3 Advanced Prospecting**

Topics covered will include: review of basic minerals and rock types, introduction to the industrial, strategic and aerospace minerals, interpretation of maps and air photos, mineralization and mineral provinces, geochemical and geophysical prospecting techniques suitable for the prospector.

PREREQUISITE: Geol 171-3, Dept. of Mines Introductory Prospecting Course, or some prospecting experience. (1,2)

GEOL 201-2 Environmental Geology

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.

PREREQUISITES: Geol 101-3, 102-3, 161, Geogd 202, or instructor's permission. (2,0)

EGEO 101-3 Introduction to Physical Geology (Engineering)

This is an introductory course in physical geology for Applied Science (Engineering) UBC transfer students. The topics covered will be the same as for GEOL 101-3, plus geologic time. Practical and engineering aspects will be stressed. (3,3)L

• **Not offered in 1982-83**

HISTORY

HIST 101-3 World History: The Early Twentieth Century

After a brief introduction to general problems of historical investigation, this course treats world history of the early twentieth century through a detailed study of one or two historical phenomena of universal significance. The First World War, the Russian Revolution, the emergence of the United States as a "superpower", the spread of nationalism, and the Great Depression represent examples of such phenomena. (3,0)

HIST 102-3 World History: The Mid-Twentieth Century

This course treats world history of the mid-twentieth century in a framework similar to that of Hist 101-3. The irrational society, the breakdown of old imperialisms, the Chinese Revolution, and the acceleration of technological development represent recent examples of historical phenomena of universal significance. (3,0)

HIST 103-3 History of Canada to 1841

After a brief introduction to general problems of historical investigation, this course examines the nature and development of two early Canadian societies: New France and British North America. The problems considered direct attention to the theme of dependence. (3,0)

HIST 104-3 History of Canada since 1841

This course extends the investigation of the theme of dependence in Canadian history to the modern period. (3,0)

HIST 201-3 Nineteenth-Century European Thought

This course examines the ideas of a series of European thinkers from the French Revolution to 1870 on politics, society, economics, religion, and science.

PREREQUISITES: History 12 or any college history course. (3,0)

HIST 202-3 Twentieth-Century European Thought

This course examines the ideas of a series of European thinkers of the modern period on politics, society, economics, religion and science.

PREREQUISITE: History 12 or any college history course. (3,0)

HIST 211-3 Local History Seminar

After an introduction to the techniques of historical research and their application in local history, each student in the seminar will create a research paper based on primary sources relating to the history of one community or area in the Northern Interior of British Columbia.

PREREQUISITES: Hist 103-3 and 104-3.

NOTE: Applicants with a long-standing interest in local history may be admitted without the prerequisite courses at the discretion of the instructor. (3,0)

MATHEMATICS**MATH 100-3 Precalculus Mathematics**

This course is designed to prepare students for the introductory calculus sequence. It is intended primarily for students who have not taken Algebra 12 or Math 12 and for students whose mathematics background is weak. The topics covered in the course are: a review of algebra, solving equations and inequalities, graphing and an introduction to functions, linear and quadratic functions, and an introduction to trigonometry.

PREREQUISITE: ALgebra 11, Math 11, Math 040, or permission of the instructor (4,0)

MATH 101-3 Calculus I

This course is the first half of a two-semester introductory calculus sequence. The topics covered in the course are: the concepts, techniques, and applications of differentiation and an introduction to integration. Together with Math 102 this course satisfies the first year mathematics requirement in all university transfer science and applied science programs.

PREREQUISITES: Algebra 12, Math 12, Math 100, or equivalent (4,0)

MATH 102-3 Calculus II

This course is a continuation of Math 101 and forms the second half of the two-semester introductory calculus sequence. The topics covered in the course are: applications of integration, logarithmic and exponential functions, trigonometric functions, techniques of integration, and infinite series. Together with Math 101 this course satisfies the first year mathematics requirement in all university transfer science and applied science programs.

PREREQUISITE: Math 101 or equivalent (4,0)

MATH 103-3 Finite Mathematics

Intended primarily for Liberal Arts and Education students who want some exposure to modern mathematical concepts. Topics will be chosen at the discretion of the instructor and may include such areas as: logic, set theory, algebraic systems, elementary number theory, matrices, linear programming.

PREREQUISITE: Algebra II, Math II, or equivalent. (3,0)

MATH 104-3 Introduction to Statistics

Topics include descriptive statistics, elementary probability theory, probability distributions, sampling and some standard concepts and techniques of statistical inference. Applications to a wide variety of problems are emphasized.

PREREQUISITE: Algebra 11 or Math 11 or equivalent. (3,0)

MATH 109-3 Computing Science I

This is a general introductory course in Computer Science. The topics include computer architecture, computer systems, algorithms, computer programs, and programming style. The main emphasis of this course is on the study and development of algorithms. PASCAL is the programming language to be used.

PREREQUISITE: Algebra 12 or Math 12 or equivalent
COREQUISITE: Math 101-3 or instructor's permission (3,3)

MATH 110-3 Computing Science II

This is a continuation of Math 109-3, and more advanced algorithms and computer programs are developed. The topics include subprograms, advanced string processing, numerical computations, and linear and non-linear data structures. PASCAL and FORTRAN are the programming languages to be used.

PREREQUISITE: Math 109-3
COREQUISITE: Math 102-3 or instructor's permission. (3,3)

MATH 150-3 Basic Mathematics

A summary of basic mathematics. Topics include arithmetic operations, the use of formulas and tables, algebra, and plane geometry. Students successfully completing this course will receive the letter grade S. (Under Review) (3,0)

MATH 151-3 Technical Mathematics (Statistics)

A course designed to acquaint the student with the use of statistics in technologies. Topics include description statistics, elementary probability theory, sampling, and some of the uses of statistical inference. Applications will be directed towards the appropriate technology.

PREREQUISITE: Algebra 12, Math 12, Math 150 or equivalent. (Under Review) (3,0)

MATH 154-3 Mathematics of Finance

An introductory course including simple interest, simple discount, compound interest, annuities, amortization, sinking funds, depreciation, and bonds.

PREREQUISITE: Math 10. (3,0)

MATH 157-3 Introduction to Business Statistics

Descriptive statistics, statistical inference, and related topics, with special emphasis on business applications.

PREREQUISITE: Math 10. (3,0)

MATH 161-3 Medical Lab Technology Mathematics I

Topics include: systems of measure; concentration and dilution of solutions; linear, exponential, and logarithmic functions; introduction to differential calculus. Applications of each topic to the solution of Med. Lab. problems.

PREREQUISITE: Math 12 (3,0)

MATH 162-3 Medical Lab Technology Mathematics II

An introduction to statistics for Medical Lab Technology. Topics will include descriptive statistics, basic rules of probability, Poisson and binomial probabilities, the normal distribution, estimation and hypothesis testing for population means and proportions, linear regression and correlation.

PREREQUISITE: Math 161-3 (3,0)

MATH 201-3 Calculus III

Vectors in two and three dimensions, vector functions and their derivatives, functions of several variables, partial differentiation, the gradient, chain rule, and implicit functions.

PREREQUISITE: Math 102-3. (3,0)

MATH 202-3 Calculus IV

Multiple integrals, vector fields, line and surface integrals, Green's theorem, complex numbers and functions, introduction to differential equations.

PREREQUISITE: Math 201-3. (3,0)

MATH 203-3 Introduction to Analysis

Elementary Logic, Induction, Sequence, limit, completeness, Continuity, Differentiability, Supremum and Infimum. Uniform Continuity, Some Theorems of the Calculus.

PREREQUISITE: At least a "B" in Math 101-3 or 102-3. (3,0)

MATH 204-3 Linear Algebra

Vector spaces, Linear equations, Bases, Dimension, Inner Product spaces, Linear transformations and matrices, Determinants, Eigenvectors and Eigenvalues, applications. (3,0)
PREREQUISITE: Math 102-3.

MATH 215-3 Differential Equations I

First order ordinary differential equations; Nth order linear differential equations; Laplace transforms; systems of first order differential equations; applications to growth and decay, mixing heat flow, dynamics, mechanical and electrical vibrations, the two body problems. (3,0)
PREREQUISITES: Math 102-3 and 204-3 (Math 201-3 recommended).
NOTE: See also Date Processing courses listed under Electronic Data Processing.

MEDICAL LABORATORY TECHNOLOGY

MLT 151-3 Medical Laboratory Orientation I

An orientation course to familiarize the student with the atmosphere of medical laboratory technology in the hospital and private laboratory environment. The student is introduced to various principles and procedures and usage of precision instruments and equipment in current use in the medical laboratory. (3,2)L

MLT 152-3 Medical Laboratory Orientation II

A continuation of MLT 151-3 with emphasis on microscopy, spectrophotometry, electro phoretic techniques and quality control as used in the clinical laboratory.
PREREQUISITE: MLT 151-3

MUSIC

Instruction in performing ensembles, although not offered every semester, may be offered from time to time in Concert Band, Stage Band, Chorus, etc.

MUS 101-3 Music Theory I

A music theory course designed for those with previous instruction. Covers ear-training, dictation (melodic, contrapuntal, and harmonic) analysis and harmony. (3,0)
PREREQUISITES: Mus 107 and Mus 108 or instructor's permission.



MUS 102-3 Music Theory II

A continuation of Music Theory I - for those with previous instruction. Includes analysis, four-part harmony, continuation of counterpoint and dictation, harmonic/melodic. (3,0)
PREREQUISITE: Music 101.

MUS 103-3 History of Music I

A study of the historical development of music from the Greek period through the Baroque, with related listening and score study. Major emphasis is given to the Renaissance and Baroque periods with some correlation given to other art disciplines. (3,0)

MUS 104-3 History of Music II

A continuation of Mus 103-3, covering the development of musical forms, styles, and techniques from 1750 to present with some study of the Canadian music scene included. (3,0)
PREREQUISITE: Mus 103-3.

MUS 105-3 Music Appreciation I

An introduction to the classical music of the western world. The course will include lectures and listening sessions introducing recordings of music composers performed by leading artists. This course will centre on the definitive works of the major periods in music history. (3,0)

MUS 106-3 Music Appreciation II

A continuation of Music Appreciation I, this course concentrates on current trends in modern music. (3,0)
PREREQUISITE: MUS 105-3.

MUS 107-3 Elements of Music I

Elementary course for those wishing to begin the study of music theory. Covers the basic principles of notation and time (simple and compound); includes scales, intervals and melody writing. (3,0)

MUS 108-3 Elements of Music II

Continuation of Elements of Music 107-3. Covers writing of chords (including the dominant seventh chord) and cadences, transposition and open score, and simple ornaments. (3,0)
PREREQUISITES: MUS 107-3 or instructor's permission

NURSING

NURS 150-1 Orientation to Nursing

This course is designed to assist the student in his/her role as a student nurse and a future member of the health team. (1,0)

NURS 151-8 Health: Its Maintenance and Promotion

This course has as its focus health, the means of maintaining and promoting health and simple nursing measures employed when the individual requires minimal assistance in meeting his physiological needs. Clinical experience will be provided through visits to agencies whose focus is promotion and maintenance of health and through experience in a hospital setting assisting patients whose needs for assistance are minimal, whose conditions are stable and who are able to communicate. (8,8)

NURS 152-12 The Adult with Common Interferences

This course examines the effect illness has on the adult when there is a common interference with physiological functioning and the nursing care required to assist him in meeting his needs. Clinical experience will be provided within the hospital on general medical-surgical units and through contact with community agencies.

PREREQUISITES: Nurs 151-3, Bio 161-3. Sem. 2 (6,14)
Interession 1 (10,14)

NURS 153-7 The Adult with Common Interferences (Access)

This course is specifically designed to access the Licensed Practical Nurse to the General Nursing Program and uses as its base NURS 151-8 and NURS 152-12. The focus is on the adult who has common interferences in meeting his needs. Responses to the interferences, means of assessing including drug therapy, surgical procedures, and nursing approaches are covered.

PREREQUISITE: Licensed Practical Nurse. (10,7)

NURS 160-1 Nursing, Past and Present

This course examines the historical development of nursing and nursing education and its effect on nursing today. The delivery of health care, legislation related to health care, and pertinent research studies are also discussed. The legal responsibilities of the nurse are explored.

PREREQUISITE: Nurs 150-1. (1,0)

NURS 163-5 The Child in Health and Illness (Practical Nurse Option)

This course provides an introduction to nursing care of the child. The maintenance and promotion of health of the child and the impact of illness and/or handicap on a child and his family are examined. The focus of the clinical experience is nursing care of the child who is not critically ill.

PREREQUISITES: Nurs 152-12, Bio 112-3, Psyc 162-3. (6,24)

**NURS 165-5 The Expanding Family
(Practical Nurse Option)**

This course provides an introduction to the expanding family for the practical nurse. The emphasis is on the uncomplicated pregnancy, labour and puerperium, and the normal newborn. The focus of the clinical experience will be nursing care of the normal newborn and the uncomplicated post-partum patient.
PREREQUISITE: Nurs 152-12. (6,24)

NURS 198-2 The Practical Nurse: A Team Member

This course focuses on the role of the practical nurse in providing care to meet the needs of patients in all age groups. During the clinical experience the student participates as a nursing team member in planning, implementing, and evaluating the plan of care to meet the needs of assigned patients.
PREREQUISITES: Nurs 163-5, Nurs 165-5. (2,33)

NURS 199-1 Work Session

The work experience of four weeks is designed to assist the student to obtain a more realistic view of the role of the nurse in the delivery of care within a health care agency. The student participates as a nursing team member in assisting, planning, implementing and evaluating the plan of care to meet the needs of assigned patients.
PREREQUISITE: Nurs 152-12. Field Experience (35)

NURS 200-1 The Professional Nurse (Access)

The focus is on opportunities for the registered nurse including career, educational, and membership in professional associations.
PREREQUISITE: Nurs 160-1. (1,0)

NURS 250-2 The Professional Nurse

This course is designed to assist the student in his/her transition to the role of graduate diploma nurse. Information related to educational and career opportunities, management in nursing and nursing organizations is included.
PREREQUISITES: Nurs 160-1, 199-1. (2,0)

NURS 261-8 The Expanding Family

The impact of the childbearing experience upon the individual and the family during pregnancy, labour, delivery and puerperium and the relevant nursing care is examined. A variety of clinical experiences will be provided within the obstetrical unit of a hospital and other community agencies.
PREREQUISITES: Nurs 199-1, Bio 162-3, Psy 162-3. (8,14)

**NURS 262-8 The Individual Experiencing
Psychosocial Interferences**

This course examines the impact that interference with psychosocial needs has on the individual and his family. Nursing care relevant to the interferences is explored. Clinical experience is provided in mental health units in hospital and in the community.
PREREQUISITES: Nurs 261-8 and 263-8 or Nurs 265-4, Nurs 267-4. (8,14)

NURS 263-8 The Child in Health and Illness

The maintenance and promotion of health of the child and the impact of illness and/or handicap on a child and his family is examined. Nursing care relevant to interferences with normal needs will be examined. Clinical experience is provided on a pediatric unit in the hospital and through other community agencies.
PREREQUISITES: Nurs 199-1, Psyc 162-3, Bio 162-3. (8,14)

NURS 264-8 The Adult with Critical Interferences

This course examines the impact of critical interferences on the adult and his family. Nursing care relevant to the needs of the individual experiencing a critical illness is examined. Clinical experience is provided within a hospital in general medical-surgical units and in specialized areas.
PREREQUISITES: Nurs 261-8 and 263-8 or Nurs 267-4, Nurs 265-4. (8,14)

NURS 265-4 The Expanding Family (Access)

The focus is on the family during pregnancy, labour, delivery, and puerperium. The normal process is briefly reviewed with emphasis on assessment, the approaches used during the normal phases, and when complications occur.
PREREQUISITES: Nurs 153-7, Psyc 162-3, Bio 114-3. (8,14)

NURS 267-4 The Child in Health and Illness (access)

The maintenance and promotion of the health of the child and the impact of illness and/or handicap on a child and his family is examined. Assessment and approaches used to meet normal needs and adaptations when interferences occur is the focus.
PREREQUISITES: Nurs 153-7, Psyc 162-3, Bio 114-3. (8,14)

NURS 291-5 The Individual Requiring Long-term Care

The focus of this course is on the individual from any age group who requires long term nursing care to meet his physiological and/or psychosocial needs. Clinical experience is provided within an extended care facility.
PREREQUISITES: Nurs 262-8 and 264-8. (6,21)

NURS 299-15 The Nurse: A Health Team Member

This course focuses on the role of the nurse in providing care to meet the needs of patients in all age groups who require hospitalization. The clinical experience focuses on organization and the responsibilities of the nurse as a member and potential leader of the nursing team.
PREREQUISITE: Nurs 291-5. (1,34)

PHILOSOPHY

PHIL 101-3 Moral Philosophy

An introduction to philosophical analysis through the consideration of problems in moral philosophy. Examples of some topics are: "What do disagreements in moral judgement mean?" "Is there an objective basis for moral judgment?" "Is euthanasia wrong?" "Do we have obligations to future generations?" (3,0)

PHIL 102-3 Theory of Knowledge

An introduction to philosophic analysis through the consideration of problems in theory of knowledge. Questions to be discussed include: "Can we ever know anything?" "What do we know?" "How do we know?" (3,0)

PHIL 171-3 Medical Ethics and Moral Issues

This course is designed to explore issues which pose serious ethical and moral questions for health care workers. Examples to be studied include euthanasia, population control, and medical research and experimentation on human beings. (3,0)

PHIL 204-3 Practical Reasoning

This course studies the structure of reasoning, emphasizing the techniques of logical criticism and applying them to everyday argumentation. The course is helpful for all who wish to practise careful reading and criticism of arguments and for those who want to learn how to construct sound arguments. (3,0)

PHIL 205-3 Philosophy of Science

An introduction to the philosophical questions underlying science's methods and content. Of interest to all who aspire to careers in science, the course examines questions such as whether science results in knowledge, whether the social sciences are really sciences, and what social and moral responsibilities scientists have, if any. (3,0)

PHYSICAL EDUCATION

P.E. 101-2 Basketball

An introduction to the skills, rules, offensive/defensive strategies, teaching methods and techniques of basketball. (1,2)

P.E. 102-2 Outdoor Activities

This course will provide the student the opportunity to develop proficiency in map and compass reading, orienteering, snowshoeing and wilderness skills. Students must provide a sleeping bag for winter conditions and a backpack.

P.E. 103-2 Scientific Basis of Athletic Conditioning

An analysis of the practical and theoretical concepts of athletic conditioning used in the development of general and specific training programs for games and sports will be the prime focus of this course. (1,2)

P.E. 104-2 Cross-Country Skiing

This course is an introduction to the theory, practice and teaching of the fundamental skills of cross-country skiing. This course is offered over an 8 week period. (1,5)

P.E. 105-2 Volleyball

This course is an introduction to the theory, practice and teaching of the fundamental skills of volleyball. (1,2)

P.E. 106-2 Badminton

This course is an introduction to the theory, practice and teaching of the fundamental skills of badminton. (1,2)

P.E. 107-2 Soccer

This course is an introduction to the theory, practice and teaching of the fundamental skills of soccer. (1,2)

P.E. 108-2 Minor Games

This course will cover the theory, practice and teaching of minor games. (1,2)

P.E. 109-2 Educational Gymnastics

This course introduces the student to the basic movements and movement patterns characteristic of gymnastics. (1,2)

P.E. 110-2 Tennis

An introductory course in the skills, rules, strategy, and teaching methods and techniques of tennis. Emphasis will be on the student learning and demonstrating the skills of tennis. (1,2)

P.E. 112-2 Modern Rhythmical Gymnastics

This course introduces the student to individual and group exercises performed to music with and without hand equipment. (1,2)

P.E. 113-2 Folk, Square and Social Dance

This course will enable the student to acquire competence in performing a variety of dances from each category. (1,2)

P.E. 114-2 Ballroom Dance

This course introduces the student to a number of social dances, familiarizes the student with the rhythm inherent in the various social dances and allows the student to acquire a certain degree of competence in performing the dances. (1,2)

**P.E. 115-2 Creative Dance**

The student will acquire knowledge and skills in using bodily movement as an instrument of expression, through a qualitative blending of the time, weight, space and flow components. (1,2)

P.E. 116-2 Swimming

The student will acquire knowledge and skills in water safety, strokes, entries and survival techniques. (1,2)

P.E. 117-2 Artistic Gymnastics

This course will provide an individualized approach to movement on floor and apparatus, teaching methods, and techniques. (1,2)

P.E. 121-3 An Introduction to the Study of Sport

An introductory examination of classifications for leisure, play, games, contests, dance, and sport, together with an examination of their relationships. (3,0)

P.E. 123-3 Biodynamics of Physical Activity

An introductory examination of the mechanical, anatomical, and physiological bases of human physical performance. (3,0)

P.E. 124-3 Dynamics of Motor Skill Acquisition

An introductory examination of motor skill acquisitions, the

variables which influence the learning and performance of motor skills, and the relationship between skill acquisition and growth and development. (3,0)

P.E. 203-3 Human Functional Anatomy and Applied Physiology I

This course relates the basic structure and functions of the human body and the relationship of the fundamental mechanisms of human physiology to exercise.

PREREQUISITE: P.E. 123-3. (2,2)

P.E. 204-3 Human Functional Anatomy and Applied Physiology II

This course relates the basic structure and functions of the human body and the relationship to the fundamental mechanisms of human physiology to exercise.

PREREQUISITE: P.E. 203-3. (2,2)

P.E. 222-3 Sport in Canadian Society

An historical and theoretical analysis of sports in Canadian society.

PREREQUISITE: P.E. 121-3. (3,0)

PHYSICS

Both the lecture portion and the laboratory portion must be passed in order to complete the course.

PHYS 101-3 Introductory Physics I

Mechanics including vector, linear kinematics, circular motion, dynamics, energy, momentum, relatively, SHM, gravity, properties of matter, temperature, heat, simple kinetic theory, introductory thermodynamics.

PREREQUISITES: Math 12, Phys. 12, Algebra 12 or equivalent. COREQUISITE: Math 101-3. (3,3)L

PHYS 102-3 Introductory Physics II

Electricity and magnetism including charges, electric field, magnetic field, electric current and circuits, light, atomic physics, nuclear reactions.

PREREQUISITE: Phys 101-3 (or Phys 105-3 with instructor's permission). COREQUISITE: Math 102-3. (3,3)L

PHYS 105-3 General Physics I

Mechanics including linear kinematics, circular motion, dynamics, energy momentum and fluids, temperature and thermal expansion, heat, simple kinetic theory, and heat transfer. Primarily intended for students not planning further courses in the physical sciences.

PREREQUISITES: Math 11, Algebra 11 or equivalent. (3,3)L

PHYS 106-3 General Physics II

Electricity and magnetism, including charges, electric fields, magnetic fields, electric current and circuits, light, atomic physics and nuclear reactions.

PREREQUISITES: Algebra 11, Math 11 or equivalent. (3,3)L

PHYS 201-3 Thermodynamics

A first course in thermodynamics for students going on in chemistry, physics, and engineering. Topics include temperature, heat and work, heat transfer, molecular properties, ideal and real gases, heat engine cycles, evaporation and refrigeration, entropy and the Second Law.

PREREQUISITES: Phys 105-3 or Phys 101-3. (3,3)L

PHYS 202-3 Electricity and Magnetism

Topics include Electrostatic Charges, the Electric Field, Gauss's Law, The Electric Potential, Capacitance, Current and Resistance, Electric Circuits, A.C. Circuits, the Magnetic Field, Ampere's Law, Faraday's Law. A series of experiments designed to demonstrate the concepts of electricity and magnetism, and modern physics are included.

PREREQUISITE: Phys 102-3 or 106-3. (3,3)L

PHYS 204-3 Mechanics I

A first course in mechanics for students going on in engineering and the physical sciences. Topics include vectors, statics of particles and rigid bodies, kinematics and dynamics of particles, and central forces.

PREREQUISITE: Phys 101-3 or Phys 105-3 and Math 101-3

COREQUISITES: Math 201-3 and Math 204-3. (3,0)

PHYS 205-3 Mechanics II

A continuation of Physics 204-3. Topics include systems of particles, kinematics and dynamics of rigid bodies, centroids and moments of inertia, and mechanical vibrations (optional).

PREREQUISITES: Phy 204-3

COREQUISITES: Math 202-3 (3,0)

POLITICAL SCIENCE

POSC 101-3 Introduction to Political Science I

An examination of concepts and issues in Political Science through lectures, discussions, reading, and research papers. Topics will include: power and freedom, public opinion and political behaviour, propaganda and belief systems, parties and pressure groups, democracy and participation. (3,0)

POSC 102-3 Introduction to Political Science II

An examination of theories and methods in Political Science through lectures, discussions, readings and research papers. Topics will include: scientific study of politics and questions of methodology, the nationstate and corporate power, political order and social change, mass movements, and political modernization. (3,0)

POSC 201-3 The Government of Canada

An examination of the institutions and processes of Canadian government. Analysis will be made of the Canadian social structure and political culture; parties, pressure groups and social movements; the legislative, executive, and judicial aspects of government; federalism. (3,0)

POSC 202-3 Selected Problems in Canadian Politics

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. (3,0)

POSC 203-3 Contemporary Ideologies

A study of the major political ideologies, such as nationalism, conservatism, liberalism, socialism, anarchism, communism, fascism, democracy, and the new left. (3,0)

POSC 204-3 Politics and Social Life

An introduction to theories and methods of political analysis and their application to the study of social, cultural, and psychological context of political behavior. (3,0)

PSYCHOLOGY

PSYC 101-3 Introduction to Psychology I

This general survey course includes topics, such as a brief history of psychology, elementary experimental design, the nervous system, sensation, perception, learning, memory, language, and thought. (3,0)

PSYC 102-3 Introduction to Psychology II

A continuation of Psyc 101-3. Topics will include intelligence and intelligence testing, personality assessment, motivation, emotion, mental health and behavioral disorders, psychotherapy, and Social Psychology.

PREREQUISITE: Psyc 101-3. (3,0)

PSYC 103-3 Human Sexuality

This course is designed to provide a basic understanding of Human Sexuality from a biological, psychological, and social perspective. Topics will include such items as anatomy, physiology of sexual responses, psychosexual development, sexual behaviour and sexual complications. (3,0)

PSYC 157-1 Industrial Psychology and Human Relations I

This course, designed primarily for students in the Forest Technology program, is intended to provide an overview of the theory and application of Human Resource Management. Areas of discussion include: personality development, motivational theory, group dynamics, communications, leadership and practical consideration of the basics of supervisory responsibilities and Industrial Relations. (1,0)

PSYC 158-1 Industrial Psychology and Human Relations II

This course, designed primarily for students in the Forest Technology program, is intended to provide an overview of the theory and application of Human Resource Management. Areas of discussion include: personality development, motivational theory, group dynamics, communications, leadership and practical consideration of the basics of supervisory responsibilities and Industrial Relations. (1,0)

PSYC 161-3 Introductory Psychology for Nurses

An introduction to the scientific study of behaviour utilizing the developmental sequence from birth through infancy. Topics include: research methodology, structure and function of the organism, motivation, learning, theories of personality, emotional development, and intelligence. (3,0)

PSYC 162-3 Developmental Psychology for Nurses

The scientific study of behaviour from childhood through the geronto years. Topics include: personality, social motivation, intelligence testing, self concept, social behaviour, attitudes, opinions, interests, group processes, and leadership. **PREREQUISITE:** Psyc 161-3. (3,0)

PSYC 201-3 Statistics for the Social Sciences

This course covers the basic principles of descriptive and inferential statistics and their application to research in the social sciences. Highly recommended for majors in the social sciences.

No prerequisite required but some students find Math 12 or the equivalent helpful. (3,3)

PSYC 202-3 Experimental Psychology

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.

PREREQUISITES: Psyc 101-3 and 201-3. (3,3)L

PSYC 203-3 Dynamics of Behaviour I

The student is introduced to personality and adjustment, and reviews some theories of personality (e.g. Psychoanalysis) and conditions in life requiring adjustment (e.g. conflict). These theories are developed throughout course and pertinent research is discussed.

PREREQUISITES: Psyc 101-3 and 102-3. (3,0)

PSYC 204-3 Dynamics of Behaviour II

The students will be introduced to the study of human behaviour and adjustment within interpersonal and social situations. Some of the topics to be covered include: affiliation, liking and loving, attitude and attitude change, prejudice, conformity and compliance, aggression, altruism (helping behaviour), group structure and dynamics. The approach will be to cover major social psychological theories and research methodology as they relate to these topics.

PREREQUISITES: Psyc 101-3 and 102-3, Psyc 203-3 or instructor's permission. (3,0)

PSYC 205-3 Developmental Psychology I

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, psychomotor, affective and conative development.

PREREQUISITES: Psyc 101-3 and 102-3. (3,0)

PSYC 206-3 Developmental Psychology II

The growth and development of the individual during adolescence, adulthood and senescence, including developmental theory as well as the factors affecting the development during these periods.

PREREQUISITE: Psyc 101 and 102. (3,0)

PSYC 207-3 Psychopathology

This course examines a wide variety of models of psychopathology (e.g. medical, dynamic, behavioural) and the causes and treatments of several behavioural disorders (e.g.

continued

anxiety disorders, somatoform disorders, schizophrenia, affective disorders, psychopathy, alcoholism).
PREREQUISITES: Psy 101 and 102, 203 or instructor's permission. (3,0)

RECREATIONAL COURSES

REC 151-0 Badminton

Beginning skills and the techniques of badminton. Includes singles and doubles play, instruction in the basic skills, and the rules of play.

REC 152-0 Racquetball

An introduction to the basic skills, rules and strategy of racquetball. Equipment supplied.

REC 153-0 Cross-Country Skiing

A practical introduction to the basic skills and techniques of cross-country skiing, maintenance and waxing of skis. Includes several ski tours of local cross-country trails. Equipment supplied.

REC 154-0 Dance

This program is designed to introduce the skills and enjoyment of ballroom and folk dancing. Content will include the tango, samba, fox trot, waltz, cha cha, and western style square dance.

REC 155-0 Keep Fit Class

Through the use of enjoyable exercises and games, participants will be instructed in the methods of obtaining and maintaining physical fitness. Simple pre and post fitness tests will be provided to measure improvement.

REC 156-0 Archery

Instruction in stringing, stance, target shooting, and rules.

REC 157-0 Karate

Introduction to the Japanese art of self-defence. Instruction in conditioning, exercises, stances, hand and foot blows. Beginner and advanced instruction.

REC 159-0 Beginner's Guitar

An introduction to basic cords and strumming.

REC 160-0 Disco Dancing

An introduction to the skills and enjoyment of disco dancing. All the latest steps.

REC 161-0 Advanced Racquetball

Advanced playing skills and strategies of racquetball. The course includes instruction in several advanced serves along with playing strategies using ceiling shots, drive passes, and kill shots.
PREREQUISITE: Rec 152-0 or instructor's permission.

SOCIAL WORK

SOWK 151-3 Social Work Methods:

An Introduction to the Helping Process

This course is designed to aid practioners who are involved in human problem solving to assess and improve their skills. The course will include both a look at some of the relevant theoretical material and an opportunity to practice and experience various intervention skills. (3,0)

SOWK 201-3 Introduction to Canadian Social Welfare Policy

This course will examine the basic concepts of social policy analysis and development, the history and structure of social policy development in Canada, and several major social policy areas at the Federal and Provincial levels. The aim of the course is to provide the student with the tools to analyse a social policy statement, and to link policies to objectives, programs and legislation. (3,0)

SOWK 202-3 Introduction to the Field of Social Work Practice

This course will examine the essential purpose and concepts of social work, and the roles and tasks that social workers perform. It will emphasize the problem-solving and planned-change processes in the context of typical problems within the profession, the employing organization and the community.
PREREQUISITE: Sowk 201-3. (3,0)

SOCIOLOGY

SOC 101-3 Introduction to Sociology I

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. (3,0)

SOC 102-3 Introduction to Sociology II

A continuation of Soc 101. An analysis of the structure and function of social institutions, such as the family, religious institutions, education, economic institution, political structure, and theories of social change.

PREREQUISITE: Soc 101-3. (3,0)

SOC 201-3 Sociology of Work - General

Work before the Industrial Revolution. The agricultural community and agricultural work. The "White collar" worker. The professions. Part-time and temporary work and their social and personal effects. "White collar", technical, and professional associations; their organization, goals, and social influence. Connections between work life and personal life. Socialization and work. Women and work.

PREREQUISITES: Soc 101-3 and Soc 102-3. (3,0)

SOC 202-3 Sociology of Work - Industry

Industrial workers; their life-styles, family life, neighborhoods, and communities. Industrial work groups and work forces. The one-industry town. Worker interest groups at the work place (cliques, worker associations, labor and trade unions) and in the community of nation (social influence, political parties). Crafts and trades. Women and industrial work.

PREREQUISITE: Soc 201-3. (3,0)

SOC 203-3 Canadian Society I

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. (3,0)

SOC 204-3 Canadian Society II

Sociological perspectives on social problems in modern Canadian society: issues of current social conflict and controversy in such areas as race and ethnic relations, social disorganization, politics, and national identity.

PREREQUISITE: Soc. 203-3. (3,0)

SOC 206-3 Social Problems

A study of contemporary social problems in Canadian Society. Selected topics such as juvenile delinquency, child abuse, alcohol and drug abuse, sexual deviance and abortion are analyzed and discussed within a sociological framework. Sociological interpretations are supplemented by psychological and/or legal principles, where appropriate.

SURVEYING FOR FORESTRY

SURV 151-3 Surveying I

A study of the basic field surveying methods, notes and their interpretation. Included are the types of surveying instruments and practical use. Measuring distances, levels, traverses and other elements of plane surveying techniques used in the construction and forest industry. (1,3)

SURV 152-3 Surveying II

Continuation of Surveying I to learn the surveying techniques used in construction and forest industries with special emphasis on accurate construction surveying. This course includes a one week survey school in late April.

PREREQUISITE: Surv I (1,3)

TECHNOLOGY

TCHM 181-3 Technology Chemistry I

The course is an introduction to Chemistry for technology students. Topics covered are chemical calculations, acids, bases, chemical equilibrium and redox reactions. Lab work consists of simple qualitative and quantitative analysis.

PREREQUISITE: Chemistry 11 or equivalent.

COREQUISITE: A College Math course.

SEQUENTIAL COURSES: Chemistry 182 or 154. (3,3)L

TCOM 186-2 Technology Computer Applications

Applications of the computer in engineering technology; how a computer works, recognizing problems suitable for computer solution; flow charting and communicating with computer personnel. Use of Fortran programs to solve engineering problems with a computer. (1,2)L

TDGS 156-3 Technology Digital Techniques

Solid state logic (TTL, MOS, CMOS), noise and loading considerations, flip flops, counters, shift registers, encoding, decoding and arithmetic systems. Simple method of digital to analog and analog to digital conversion.

PREREQUISITE: TELE 183-3

COREQUISITE: TELE 188-3 (3,3)

TDRF 186-2 Technology Drafting

Techniques of reading and producing orthographic drawings using standard format and the development of basic skills in applying these techniques. Use of instruments, line work, geometric constructions, orthographic projection, isometric drawing and sketching, sections, and dimensioning. Involves techniques in ink, contours, intersection, developments, dip, strike and outcrop, sections, profiles, descriptive geometry, and other problems. (2,2)I

TELE 181-2 Technology Shop Practise I

Provides practical training in shop procedures, topics include safety, sheet metal, wiring, electronic components, printed circuits, distribution boxes, switch boxes, conduit, electrical code, drawings, hand tools, power tools, torch brazing and soldering.

SEQUENTIAL COURSE: TELE 182-2. (0,2)L

TELE 182-2 Technology Shop Practice II

A continuation of TELE 181-2.

PREREQUISITE: TELE 181-2. (0,2)L

TELE 183-3 Technology Circuit Analysis I

The principles and analysis of DC circuits. Topics include series, parallel series parallel, nodal, loop, superposition, Thevenin and Norton analysis of circuits. Capacitance and inductance, charge-discharge equations, and an introduction to wave forms. The lab portion of the course supports the theory presented.

(3,3)L

TELE 184-3 Tehnology Circuits Analysis II

AC network analysis methods (loop, nodal, superposition, Thevenin, Norton), z, y and h parameters, a further study of transients in inductives and capacitive circuits. The lab portion of the course supports the theory presented.

PREREQUISITE: TELE 183-3, TMTH 181-3

COREQUISITE: TMTH 182-3 (3,2)L

TELE 188-3 Technology Electronic Circuits

Teaches how electronic circuits work, how to analyze them numerically and how to design, modify and combine them to perform complex functions. Topics include transistors, tubes, voltage and current amplifiers, loadline analysis, choice of Q-point, bias circuits, stability, AC equivalent circuits, interstage coupling and frequency response, feedback, oscillation, low frequency power amplifiers of various types, heatsinking, uni-junction transistors, thyristors, and field-effect transistors.

PREREQUISITE: TELE 183-3, TMTH 181-3

COREQUISITE: TELE 184-3. (3,3)L

TFOR 181-2 Technology Forest Utilization

A course that surveys several areas of forest science. Lecture topics cover general botany, conservation, logging, tenure, and forest ecology. Lab sessions are given in dendrology, microscopic and macroscopic identification of wood, and basic wood technology. Some field work is included in the course.

(2,3)L

TLUG 181-2 Technology Lumber Grading I

This course is given in preparation for Lumber Grading II. Topics covered include tree growth and wood structure, specie identification, natural and manufacturing irregularities in lumber, and product classifications. (0,2)

TLUG 182-7 Technology Lumber Grading II

This course will be presented in conjunction with a course given by the Pacific Lumber Inspection Bureau in Prince George. Students will study product classifications and grades through practical laboratory sessions. The emphasis will be placed on our domestic grading rule although there will be some discussion of export grades. Successful candidates will receive a lumber grading certificate

NOTE: Students possessing a valid grading certificate may receive credit for Lumber Grading I and II. (2,6)L

TLUT 181-2 Technology Lumber Tallying

An arithmetic course that deals with all aspects of lumber figuring and leads to an industrial exam at the end of Term 1. Successful candidates will receive a tallying certificate. (2,0)

TMES 186-2 Technology Electrical Measurements

Teaches the principles and methods of measuring quantities encountered in the electrical industry. Topics include definitions, units, standards, safety, transducers; instruments for voltage, current, power, impedance, frequency, phase angle, decibels, Q, distortion, pressure, and temperature.

(2,2)L

TMTH 181-3 Technology Mathematics I

Algebra, logarithms and exponentials, euclidean and analytical geometry, plan and spherical trigonometry to include vectors and complex numbers, and linear equations.

PREREQUISITE: Algebra 12, Math 12 or equivalent. (3,2)L

TMTH 182-3 Technology Mathematics II

Ordinary and partial derivatives; Fourier, Taylor, MacLaurin and Infinite Series; First and second order differentials; definite and multiple integrals and conic sections.

PREREQUISITE: TMTH 181-3. (3,2)L

TOGT 181-4 Technology Log Utilization

A general course that begins with an introduction to metric log scaling, weight scaling, and lumber and plywood recovery. An overview of the manufacturing processes in lumber, plywood, and pulp and paper production is given. Log allocation, specialty industries, and residue production are reviewed. Several field trips are included in the course. (0,4)L

TPHY 181-3 Technology Physics I

The first of two continuous course to cover statics, dynamics, momentum, force, kinematics, angular motion and momentum, friction, energy, power, mechanics, simple machines, properties of solids and fluids, fluid mechanics, waves and vibration, sound, optics, thermal properties of matter, thermal energy, basic electricity and magnetism, atomic and nuclear phenomena.

PREREQUISITE: Physics 11 or equivalent.

COREQUISITE: TMTH 181-3. (3,3)L

TPHY 182-3 Technology Physics II

The second of two continuous course to cover: Kinetic Theory, Heat, Thermodynamics, Optics, Wave Motion, Light, Electricity and Magnetism, Semiconductor Physics.

PREREQUISITES: TPHY 181-3, TMTH 181-3

COREQUISITES: TMTH 182-3 (3,3)L

TSUR 184-2 Technology Hydrology

Hydrologic cycle. Introduction to concepts of precipitation, drainage, runoff, and river regimes. Study of water supply and water control. Application to pollution and municipal characteristics. Prediction of yield and flood magnitudes. (3,0)

TSRV 183-5 Technology Surveying I

Types of survey; fundamental principles, accuracy and precision; linear measurements, trigonometric and differential levelling; angular measurement by theodolites; plane table, computations and adjustments of traverses, determination of areas and volumes; tacheometry.

PREREQUISITE: ALgebra 12, Math 12 or equivalent.

SEQUENTIAL COURSE: TSRV 186-5 (4,6)

TSRV 186-5 Technology Surveying II

A continuation of Technology Surveying I. Maintenance and adjustments of surveying equipment; circular curves, reverse curves, vertical curves, eccentric angular and linear observations, resection, intersection, inaccessible base.

PREREQUISITE: TSRV 183-5 (3,6)

TWPR 182-2 Technology Wood Properties

The study of wood properties provides an insight into the

behavior of wood in various end use applications. Students will attend laboratory and lecture sessions in wood micro and ultra structure, mechanical properties, rheology, flow in wood, wood chemistry, wood preservation, and macro characteristics of wood. These topics will be related to the many end uses for wood. A major project forms the largest portion of the lab work in this course.

(2,2)L

VOCATIONAL PROGRAMS

APPRENTICESHIP AND PRE-APPRENTICESHIP TRAINING

The College of New Caledonia, in conjunction with the Ministry of Labour, conducts courses in Pre-Apprenticeship and Apprenticeship training.

Pre-Apprenticeship courses include:

- Heavy Duty Mechanics
- Millwright
- Carpentry

Apprenticeship training presently offered are:

- Automotive Mechanical Repair
- Carpentry
- Electrical
- Heavy Duty Mechanics
- Millwright

Persons interested in any of these trades should apply through the

Apprenticeship and Industrial Training Counsellor,
Ministry of Labour,
Plaza 400 1011 - 4th Ave.,
Prince George, B.C. V2L 3H9
Telephone 562-8131

or

The Apprenticeship and Industrial Training Branch,
Ministry of Labour
4211 Kingsway,
Burnaby, B.C. V5H 3Y6
Telephone 434-5761

AUTOMOTIVE MECHANICAL REPAIR APPRENTICESHIP

Automotive Mechanical Repair is an apprenticeship program in a Designated Trade sponsored by the Apprenticeship and Industrial Training Branch, Ministry of Labour.

The employment situation is normal 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 or trade dealership.

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

ADMISSION REQUIREMENTS: To enter this program the participant must already be an indentured apprentice. Applicants must be in good health, non-allergic to solvents and lubricants, and have a good mechanical aptitude. (Contact Minister of Labour Apprenticeship Training Branch)

LENGTH OF PROGRAM: 4 week intervals

COMMENCEMENT DATE: As per Ministry of Labour.

FEES: Tuition paid by Ministry of Labour
Registration fee \$100

NOTE: Application made through the Ministry of Labour Apprenticeship Training Branch.

BUSINESS OFFICE TRAINING

Certificate

(Office Administration)

These programs are designed to train the student for employment at the entry level positions available in today's business government, and industrial offices.

The basic programs are developed for maximum flexibility so that, under supervision of the instructors, each student will be able to progress through the subject matters according to his/her own ability.

Counselling is available to assist the student in selecting the program and subject areas which are most compatible with his/her aptitude, capability, interest, and career goal.

ADMISSION REQUIREMENTS: Grade 12, BTSD IV, or GED or Mature Student Status.

NOTE: Initial placement in the program will be on the basis of a Placement Test.

COMMENCEMENT DATE: Business Office Training Programs have a continuous intake as space permits.

LENGTH OF PROGRAM: Will vary with needs of the individual student.

BASIC PROGRAM OPTIONS

CLERK

This program prepares the student for a position involving general office duties such as filing, duplicating, typing, processing mail, purchase order routines, and working as a receptionist.

CLERK TYPIST

This program prepares the student for clerk responsibilities plus dicta-typing. A higher typing speed is required.

CLERK STENOGRAPHERS

This program prepares the student for a position involving clerk-typist responsibilities as well as stenographic duties. With job experience, a graduate of this program may advance to a secretarial position.

BOOKKEEPING CLERK

This program prepares the student for a position involving payroll, ledger entries and reconciliations, taking books to trial balance, as well as Clerk Typist responsibilities.

ADVANCED PROGRAM OPTIONS

ADMINISTRATIVE SECRETARIAL PROGRAM

This program provides extensive skill development opportunities in the following areas:

- Typing
- Pitman Shorthand
- Machine Transcription
- Business English
- Business Letter Writing
- Business Office Procedures
- Business Machines
- Work Processing (Introduction)
- Public Relations

Personal Dynamics On-the-Job Training

Successful completion of the course will provide marketable skills, human relations, awareness, and decision-making competencies so that the secretary will be able to operate with minimum of supervision. These qualities should eventually lead the graduate to a rewarding position such as office supervisor, executive secretary, or administrative assistant.

ADMISSION REQUIREMENTS: Grade 12, GED, BTSD IV, or Mature Student status.

All students will be required to take a test of clerical proficiency.

COMMENCEMENT DATE: September (Under Review)

LENGTH OF PROGRAM: 9 months (Under Review)



LEGAL SECRETARIAL PROGRAM

This program will prepare students for employment in a law firm and could also lead to work in government agencies or legal departments of large corporations. The course is designed to familiarize the student in the following areas of law:

- Introduction (to law firms)
- Conveyancing
- Corporate
- Litigation
- Divorce
- Wills and Probate

This course will include an introduction into word processing and will provide development and expansion of typing skills and techniques.

ADMISSION REQUIREMENTS:

Grade 12, (GED), BTSD IV, or mature student status.
Graduate of Office Administration or Administrative Secretarial Program or recent work experience in an office.
Minimum typing speed of 50 net words per minute, good command of the English language, knowledge of letter and report formatting. All students will be required to take a test to determine proficiencies in above.

COMMENCEMENT DATE: Contact Student Services

LENGTH OF PROGRAM: 3 to 6 months

WORD PROCESSING PROGRAM

Word Processing is a system for preparing written communication using computer technology and improved office procedures. People are trained to keyboard (type) information (letters, reports, etc.) on a keyboard (looks like a typewriter) into memory (that's the new part), and print it out on a printer (at 540 words per minute). When the author revises the document, instead of retyping it all, a word processing operator recalls the document from memory, keyboards and proofreads only the changes, and prints out the revised copy. The initial preparation of this document would take about the same length of time as it did

on a typewriter, but the revised copy could be prepared much more quickly.

This program will provide skill development opportunities in word processing equipment operation, theory, and machine transcription at three levels:

| | |
|------------------------------|------------------------------|
| Word Processing Operator I | - 150 hours |
| Word Processing Operator II | - Operator I plus 90 hours |
| Word Processing Operator III | - Operator II plus 120 hours |

Successful completion of Level I will prepare the student for a senior operator position; Level II will provide the student with the knowledge to progress to supervisory position when the opportunity arises.

ADMISSION REQUIREMENTS:

Grade 12, (GED), BTSD IV, or mature student status.
Graduate of Office Administration Program or Administrative Secretarial Program or recent work experience in an office. Minimum typing speed of 50 net words per minute, good command of the English language, knowledge of letter and report formatting. All students will be required to take tests to determine the above proficiencies.

COMMENCEMENT DATES: Contact Student Services.

LENGTH OF PROGRAM:

| | |
|------------------------------|-----------|
| Word Processing Operator I | 150 hours |
| Word Processing Operator II | 240 hours |
| Word Processing Operator III | 360 hours |

CARPENTRY PRE-APPRENTICESHIP

Carpentry is a pre-apprenticeship program intended to prepare men and women for employment as apprentices in the Carpentry trade in a four year apprenticeship program. The course is highly practical and provides students with a thorough grounding in equipment, materials, correct use of tools and basic construction procedures.

THE PROGRAM:

- Practice good working habits
- Care for and use of tools
- Work Safety
- Read blueprints and specifications
- Lay out the site and building
- Select materials
- Rig materials for lifting
- Build concrete forms
- Frame building
- Tack weld and burn steel

ADMISSION REQUIREMENTS: Grade 10, GED, BTSD III. Grade 12 recommended, including Academic Math, Drafting and Construction.

Physical fitness, strength and stamina suitable for the demands of the trade, good eyesight and the ability to work at heights are required by Employers in this field of work. Job applicants are most successful if they have the ability to produce effectively with a minimum of direct supervision; the capacity to work under all types of conditions; and the willingness to adapt to adverse weather conditions.

DRESS: That which is appropriate for training and safety (Worker's Compensation Board regulations will apply). Safety-toed boots are required.

FEES: Tuition paid by the Ministry of Labour
Student Association - \$12.50
Registration - \$1.00

EXPENSES (Estimated):

- Books - \$100.00
- Steel-toed Boots - \$65.00

CARPENTRY APPRENTICESHIP

The Carpenter Apprenticeship program is intended in each of its four training sessions to increase carpentry skills and the student's understanding of the theory of carpentry. The course provides students with a grounding in equipment, materials, correct use of tools and construction procedures.

Apprentices must know the properties of and be able to work with wood, plywood, concrete and various metal, plastic, and composite products. They must be skilled in the care and use of tools and have a sound knowledge of local building codes and safety requirements.

THE PROGRAM

Covered during the 1st to 4th training session.

- Good work habits
- Care and use of tools
- Work safety (W.C.B.)
- Blueprint reading
- Building layout
- Materials
- Formwork
- Framing
- Exterior and Interior finish
- Roofing
- Heavy construction procedures
- Roof framing
- Stair building
- Basic welding

Upon completion of the four year apprenticeship program, the student must be able to visualize a completed project from blueprints and working drawings, to perform trade skills, and to give direction to all the subtrades.

ADMISSION REQUIREMENTS: To enter this program the participant must already be an indentured apprentice. (Contact Ministry of Labour Apprenticeship Training Branch.)

DRESS: That which is appropriate for training and safety. Safety toed boots are required (Workers's Compensation regulations will apply).

LENGTH OF PROGRAM: 6 weeks

FEES: Tuition paid by the Ministry of Labour
Student Association - \$15.00
Registration - \$1.00

EXPENSES (Estimated):
Textbooks - \$100.00
Safety Boots - \$65.00

COOK TRAINING

Certificate

An introduction to Food Services and facets of kitchen management. Instructional areas covered in the program include soups and sauces, meat cookery, short-order, meat cutting, garde manger (cold kitchen), elementary baking, elements of catering and banquet preparation, storeroom procedures (inventory control), and speciality presentation.

Theory and demonstrations are supplemented with practical sessions in the laboratory and kitchen.

ADMISSION REQUIREMENTS: Grade 10, GED, BTSD 111 or Mature Student status. Applicants must supply a recent health certificate and chest x-ray.

LENGTH OF PROGRAM: 10 months

COMMENCEMENT DATE: August

FEES: Tuition - \$150.00
Student Association - \$25.00
Registration - \$1.00

DENTAL ASSISTING

Certificate

The dental assisting program provides the theory and skills necessary for the graduate to function as a chairside assistant in a private practice, group practice, dental clinic, public health and related services.

Graduates are eligible to write the provincial certification examination administered by the College of Dental Surgeons of B.C. Graduates are advised that they must also complete courses and have a current certificate in Safety Oriented First Aid (SOFA) and Basic Rescuer 1 (CPR or Cardio Pulmonary Resuscitation) in order to become licensed. The SOFA and the Basic Rescuer 1 courses are not included in the Dental Assisting Program. The student must make arrangements to complete these courses.

Restorative dental work must be completed or in the process of completion and a medical examination report and dental report must be submitted before final acceptance into the program. A chest x-ray and immunization will be required following final acceptance.

ADMISSION REQUIREMENTS: Grade 12, G.E.D., or BTSD IV: Bio 11 or Bio 040, Chem 11 or Chem 040 recommended. Applicants are reminded that due to the high academic requirements and large number of applicants to the Dental Assisting Program, students with better than average high school grades will receive admission priority.

LENGTH OF PROGRAM: 10 months

COMMENCEMENT DATES: September. Application deadline May 1. (Although applications will be accepted after that date, preference will be given to applications received by May 1.)

FEES: Tuition - \$150.00
Student Association - \$25.00
Registration - \$1.00

EXPENSES (Estimated): Textbooks, Uniforms, Shoes, Safety Glasses, etc. \$400.00

ELECTRICAL

Apprenticeship

An electrical apprenticeship program is offered through CNC as a Designated Trade sponsored by the Apprenticeship and Industrial Training Branch, Ministry of Labour.

ADMISSION REQUIREMENTS: to enter this program the participant must already be an indentured apprentice. (Contact Ministry of Labour Apprenticeship training Branch)

LENGTH OF PROGRAM: 8 week session.

FEES: Tuition paid by Ministry of Labour
Registration - \$1.00

FITTER-FABRICATOR

Pre-Apprentice

A pre-apprenticeship course in a Designated Trade sponsored by the Apprenticeship and Industrial Training Branch, Ministry of Labour. This course is designed to prepare students as apprentices in the steel fabricating trade.

ADMISSION REQUIREMENTS: Grade 10, GED, BTSD III. Grade 12 or BTSD IV is recommended.

Applicants must pass a trades math test and have an interview by the selection committee.

LENGTH OF PROGRAM: 13 weeks

COMMENCEMENT DATES: contact Ministry of Labour

FEES: Tuition paid by Ministry of Labour
Student Association - \$7.50
Registration - \$1.00

THE PROGRAM:

- Orientation to industries' needs
- Knowledge of structural steel
- Basic trade math
- Safety & good housekeeping
- Symbols and abbreviations
- Blueprint reading
- Sketching and dimensioning
- Trade tools
- Material handling
- Layout and drilling
- Heat and shrinkage of steels
- Fitting
- Welding and torching
- Work experience

GENERAL DRAFTING

Certificate

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

The draftsman is the link between the engineer or designer, who works out ideas, and the construction trades which 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 at a junior level. 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.

ADMISSION REQUIREMENTS: Grade 12, GED or BTSD IV. Drafting 11 or equivalent recommended. Applicants must have good eyesight and hand-eye coordination, an analytical mind, creative ability and patience to give undivided attention to detail.

LENGTH OF PROGRAM: 9 months (30 hours per week)

COMMENCEMENT DATE: September.

FEES: Tuition - \$135.00

Student Association - \$22.50

Registration - \$1.00

EXPENSES (Estimated):

Books - \$75.00

Calculator - \$50.00

THE PROGRAMS:

GD 100 Basic Drafting (44 days)

orthographic projection
dimensioning - scales
auxiliary views
pictorial drawing
sections and conventions
intersections and developments

GD 200 Machine Drawing (20 days)

tolerances and allowances
fasteners
gears and cams
assembly drawings

GD 300 Civil Drawing (50 days)

subdivision mapping
grading, profiles and sections
highway construction drawings
industrial piping
descriptive geometry and geological applications

GD 400 Technical Mathematics (12 days)

fundamentals and metrics
geometry
equations
trigonometry
vectors

GD 500 Architectural Drawing (36 days)

residential planning, design and drawing
building codes and standards
light construction
detail drawings

GD 600 Mechanics and Strength of Materials (12 days)

force and stress
moments and reactions
shear, bending and deflection
wood timber design

GD 700 Surveying (10 days)

distance and angular measurement
traversing
differential leveling
coordinate geometry
field notes
transit and level instruments
fieldwork

HEAVY DUTY MECHANICS - Pre-Apprenticeship

A pre-apprentice course in a Designated Trade sponsored by the Apprenticeship and Industrial Training Branch, Ministry of Labour.

This program is intended to prepare students 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 and large trucks.

ADMISSION REQUIREMENTS: Grade 10, GED, BTSD III, 16 years of age or older, in good health, non-allergenic to solvents or lubricants and have good mechanical aptitude.

LENGTH OF PROGRAM: 14 weeks.

COMMENCEMENT DATES: March, July, November.

FEES: Tuition paid by Ministry of Labour

Student Association - \$15.00

Registration - \$1.00

THE PROGRAM:

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 of machinery components.

HEAVY DUTY MECHANICS Apprenticeship

An apprenticeship course sponsored by the Apprenticeship and Industrial Training Branch, Ministry of Labour.

ADMISSION REQUIREMENTS: To enter this program applicant must be an indentured apprentice. (Contact Ministry of Labour Apprenticeship Training Branch)

LENGTH OF PROGRAM: 5 weeks.

FEES: Tuition paid by Ministry of Labour

Registration - \$1.00

HEAVY EQUIPMENT OPERATOR

HEO offers separate courses on the following equipment.

| | |
|-----------------|---------|
| Crawler Tractor | 8 weeks |
| Grader | 8 weeks |
| Loader | 5 weeks |
| Backhoe | 5 weeks |
| Dump Truck | 5 weeks |
| Scraper | 5 weeks |

The program length is not definite as the student may complete prior to the suggested length, or may be allowed additional time if necessary to acquire the skills required for competency.

Job opportunities exist in road and building construction, logging, mining or other industries utilizing heavy equipment.

The course intake is continuous and selection is made from a wait list.

ADMISSION REQUIREMENTS: 16 years of age or older, valid drivers license, dump truck students must be eligible to obtain a MVB Class III instructional license. Students must supply clothing suitable for the weather conditions and steel toed safety boots.

FEES:

| EQUIPMENT | TUITION | STUDENT ASSOC | REGIST FEE | TOTAL |
|------------|---------|---------------|------------|-------|
| Grader | 30.00 | 5.00 | 1.00 | 36.00 |
| Crawler | 30.00 | 5.00 | 1.00 | 36.00 |
| Back Hoe | 20.00 | 2.50 | 1.00 | 23.50 |
| Loader | 20.00 | 2.50 | 1.00 | 23.50 |
| Dump Truck | 20.00 | 2.50 | 1.00 | 23.50 |
| Scraper | 20.00 | 2.50 | 1.00 | 23.50 |

LONG TERM CARE - AIDE

Certificate

The program is designed to prepare an Aide (Long Term Care), who will be able to assist in providing care for individuals in extended and intermediate care facilities. Graduates of this program will be prepared to work in nursing homes and extended care units in hospitals under the direction of a registered nurse.

The program is based on the "Specifications of Competencies and Aide (Long term Care)" Ministry of Education. Clinical practice will be provided in the College nursing lab and in extended and intermediate care units of health care facilities. The completion of a Safety Oriented First Aide Program is also a requirement.

ADMISSION REQUIREMENTS:

1. Grade 10 recommended and Grade 8 reading level required. Testing for reading level must be arranged through the college.
2. Interviews
3. Medical Examination Report must be submitted prior to final acceptance.
4. Immunization: successful applicants will be advised of the required immunization.

COMMENCEMENT DATE: September

FEES: Tuition - \$60.00

Student Association - \$10.00

Registration - \$1.00

EXPENSES (estimated only):

Uniforms - \$75.00

Textbooks - \$75.00

NOTE: The offering of this program is subject to Ministry of Education approval. Please contact a CNC counsellor for details.

MILLWRIGHT

Pre-Apprenticeship

A pre-apprentice course in a Designated Trade sponsored by the Apprenticeship and Industrial Training Branch, Ministry of Labour. This course is designed to prepare students for employment as apprentices in the Millwright Trade. Millwrights are skilled in the installation, repair and maintenance of industrial machinery such as conveyors, pumps, compressors, cranes, paper-making machines and similar industrial equipment. The principal fields of employment include pulp and paper mills, sawmills and related wood products factories, mines, iron, steel and aluminum plants, refineries and chemical plants, and smaller manufacturing plants.

ADMISSION REQUIREMENTS: Grade 12, GED or BTSD IV recommended. Minimum education level: a suitable level to meet the requirements of this occupation. Applicants must be 16 years of age or over and be in good health with a mechanical aptitude.

LENGTH OF PROGRAM: 6 months.

COMMENCEMENT DATES: April and September.

FEES: Tuition paid by Ministry of Labour

Students Association - \$15.00

Registration - \$1.00

THE PROGRAM

Blueprint reading and sketching
Basic oxy-acetylene and arc welding
Ladders and scaffolding
Hand and power tools of the trade
Benchwork
Lubrication techniques
Applied electricity
Applied mathematics
Safety education

MILLWRIGHT

Apprenticeship

A millwright apprentice program is offered through CNC as a Designated Trade sponsored by the Apprenticeship and Industrial Training Branch, Ministry of Labour.

ADMISSION REQUIREMENTS: To enter this program an applicant must be an indentured apprentice. (Contact the Ministry of Labour, Apprenticeship Training Branch.)

LENGTH OF PROGRAM: 5 Weeks.

FEES: Tuition paid by the Ministry of Labour.

Registration - \$1.00

OFFICE ADMINISTRATION (See Business Office Training)

POWER ENGINEERING - 4th Class Certificate

A program intended to prepare persons for a career in power plant operation and maintenance. This course includes maintenance of powerhouse equipment, instrumentation, electricity, engineering sciences and water conditioning. While emphasis will be upon the practical application of the basic principles, sufficient theory will be covered to prepare students to write the Fourth Class Power Engineer's Examinations.

ADMISSION REQUIREMENTS: Grade 12, GED or BTSD IV recommended. Related experience in industry will be considered in lieu of formal education. Recommended secondary courses include: Math 11, Physics, Drafting and Chemistry.

Applicants should have a good command of communicative English, written and oral; good health, eyesight and hearing; good mechanical aptitude.

LENGTH OF PROGRAM: 10 months.

COMMENCEMENT DATE: September.

FEES: Tuition - \$150.00

Student Association - \$25.00

Registration - \$1.00

THE PROGRAM

Mathematics and Applied Science
Instrumentation
Workshop
Sketching and blueprint reading
Steamplant training
Boiler operation
Electricity
Report writing

POWER ENGINEERING UPGRADE

Correspondence courses in all levels of Power Engineering are available from CNC. They include marked assignments and providing on site tutorial sessions on a full-time day or part-time evening schedule.

Inquiries should be directed to the Registrar's Office.

LENGTH OF PROGRAM: Variable

COMMENCEMENT DATE: Continuous Intake

| FEES: 4th Class | 3rd Class | 2nd Class | 1st Class |
|-----------------|-----------|-----------|-----------|
| Tuition \$25.00 | \$40.00 | \$60.00 | \$90.00 |

Student Association

| | | | | |
|--------------|------|------|------|------|
| Registration | 1.00 | 1.00 | 1.00 | 1.00 |
|--------------|------|------|------|------|

PRE-ENROLLMENT COUNSELLING:

Due to the complexities of Provincial and inter-Provincial legislation governing acceptable qualifying time served in industry, prospective students may wish to discuss their acceptability for certification prior to enrollment. The College faculty offer their assistance to students seeking advice regarding the prerequisites for compliance with legislation and mandatory regulations. Contact the Counselling Centre

POWER ENGINEERING UPGRADE

(Correspondence)

For students who are unable to attend either full time or part time classes, a full range of correspondence courses are offered in the 4th, 3rd, 2nd, and 1st Class Power Engineering. This service is available on a year round basis.

Contact the Counselling Centre.

WELDING

Certificate

GENERAL OVERVIEW

Welding is a specialized skill the demand for which is rapidly expanding in our industrial society. The use of welding in joining metals has shown phenomenal growth in the last three decades.

Many items produced today depend, in one aspect or another, upon welding as a means of economical construction. Automobiles, electrical equipment, kitchen utensils, bridges, ships, aircraft, buildings and machinery are all made more economically by employing one or more methods of joining metal by welding.

PRE-EMPLOYMENT PROGRAM

This program offers basic training for entry-level employment in a broad variety of welding and steel fabricating related jobs. The curriculum is self-paced and is organized in a modular format which is designed to accommodate the individual difference which occur in learning.

COURSE CONTENT

- P-1 Introducing and program orientation
- P-2 Gas Cutting
- P-3 Gas and Braze Welding
- P-4 Shielded Metal Arc Welding
- P-5 Air Carbon Arc Cutting
- P-6 G.M.A.W. - F.C.A.W.I.
- RK1 Material Handling and Rigging
- RK2 Blue Print Interpretation I.
- RK3 Introduction to Metallurgy I.

Advance modules and training are offered as requested by the applicant. They include training in the following modules:

- P-7 Shielded Metal Arc Welding (S.M.A.W. - II)
- P-8 Gas Metal Arc Welding II (G.M.A.W.-II)
- P-9 Flux Core Arc Welding II (F.C.A.W.-II)
- P-10 Gas Tungsten Arc Welding I (G.T.A.W.-I)

- P-11 Shielded Metal Arc Welding III (S.M.A.W.-III)
- P-12 Gas Tungsten Arc Welding II (G.T.A.W. - II)
- RK-4 Arc Welding Principles
- RK-5 Inspection Procedures
- RK-6 Welding Standard and Quality Control
- RK-7 Blue Print Reading II
- RK-8 Metallurgy II
- RK-9 Metallurgy III
- RK-10 - Blue Print Reading III

ADMISSION REQUIREMENTS: Grade 10, GED, BTSD III, Grade 12, GED or BTSD IV; with Industrial and Mechanical courses recommended. Mature students are encouraged to apply.

EMPLOYMENT OPPORTUNITIES: Successful students of this program will be qualified for a variety of employment opportunities in the metal working industries. A production welder, maintenance welder, welder fabricator or welder fitter are only a few of the possible employment possibilities.

LENGTH OF PROGRAM: Continuous intake, based on a modular concept designed to allow the student to progress at his/her own rate. Length may vary from 5-7 months.

FEES: Tuition - \$15.00 per month

Books - \$60.00

Student Association - \$25.00

Registration - \$1.00

VOCATIONAL PROGRAMS ADMISSIONS AND REGISTRATION

ADMISSION REQUIREMENTS

Admission requirements may vary. Please check **ADMISSION REQUIREMENTS** for each program. To be eligible for Mature Student Status the applicant must be 19 years of age and have been out of the regular school system for at least one year.

ADMISSION PROCEDURES

For Apprenticeship Programs:

Apply through the

Apprenticeship and Industrial Training Counsellor,
Ministry of Labour,
Plaza 400, 1011 4th Avenue,
Prince George, B.C. V2L 3H9,
Telephone: 562-8131

or the

Apprenticeship and Industrial Training Branch,
Ministry of Labour,
4211 Kingsway,
Burnaby, B.C. V5H 3Y6,
Telephone: 434-5761.

For Other Programs:

- (i) Write or inquire at Student Services for an application.
Student Services
College of New Caledonia
3330 - 22nd Avenue
Prince George, B.C. V2N 1P8
562-2131
- (ii) The completed application form along with all necessary transcripts should be submitted to the College. Secondary School students may complete a Statement of Secondary

School Subjects. This statement 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. This should be forwarded as soon as possible. Students are not formally accepted or placed on program waiting lists until transcripts or Statements of Secondary School Status are received by the College.

- (iii) Applications will be processed and students will be notified by mail of their admission to the College.
- (iv) Detailed registration information, including the date and time for registration, will be included with the Permission to Register letter.
- (v) Persons requiring program information are encouraged to see a counsellor.
- (vi) Students must register at the time indicated on their Permission to Register letter. Registration is not complete until all fees have been paid.
NOTE: A \$50.00 late registration fee will be assessed anyone who does not register at the time indicated on their Permission to Register letter. Students with unusual circumstances may appeal this late fee through the Dean of Student Services.
- (vii) to withdraw from a program the student must complete the Withdrawal form available at the Student Services Office.

PRIORITY

All Applicants are urged to apply as early as possible as first priority may be given to the earliest applicant.

VOCATIONAL PROGRAMS FEES AND EXPENSES

FEES (Under review and may change)

Fees may vary. Please check fees for each program. No fees will be charged to Senior Citizens.

CANADA EMPLOYMENT AND IMMIGRATION COMMISSION SPONSORSHIP

Canada Employment and Immigration Commission purchases spaces in some programs. Before applying for admission as a fee paying student, you may wish to check with your local CEIC Office to determine your eligibility for sponsorship by CEIC.

For information on those programs which are eligible for sponsorship by CEIC, call the CNC Counselling Centre or your local CEIC Office.

SPONSORED STUDENTS

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

PAYMENT OF FEES

Tuition and Student Association fees are collected at the time of registration. Canada Employment sponsored students must pay the \$1.00 Registration Fee and Student Association Fee. Other sponsored students may present a letter from the sponsoring agency promising payment.

Students who are unable to pay their fees at the time of registration and who are unable to obtain financial assistance from the Financial Aid Officer will not be permitted to register, unless prior approval is obtained from the Dean of Student Services.

MISCELLANEOUS FEES

| | |
|---------------------|-----|
| Grade Appeal | \$5 |
| Transcript | 2 |
| Duplicate Diploma | 5 |
| I.D. Card Duplicate | 1 |
| Locker Rental | 2 |

| | |
|----------------------------------|---|
| Duplicate Permission to Register | 1 |
| Duplicate Grade Statement | 1 |
| Duplicate income tax receipt | 1 |

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

ESTIMATED EXPENSES

Full-time students should be aware of the expenses beyond the fees, they will incur. Costs can be estimated as follows:

| | |
|-------------------------------------|-----|
| Books and Supplies | 100 |
| Tool and Book deposit | 50 |
| Leather gloves for welding students | 19 |
| Steel-toed boots | 65 |
| Local transportation | 150 |
| Miscellaneous | 400 |

\$784.

HOUSING AND MAINTENANCE EXPENSES

The average cost for room and board in Prince George is \$250 - \$350 per month.

REFUNDS

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

SCALE OF WITHDRAWAL REFUNDS:

- An 80% refund of fees will be made if the student withdraws within two weeks after commencement of classes or prior to completion of 15% of the course in courses/programs less than 4 months in length.
- A 50% refund of fees will be made if the student withdraws within the third or fourth week after commencement of classes or prior to completion of 25% of the course in courses/programs less than 4 months in length.
- No refund will be made if the student withdraws more than four weeks after commencement of classes, or after 25% of the course has been completed in courses/programs less than 4 months in length.

VOCATIONAL PROGRAMS GRADES AND TRANSCRIPTS

EVALUATION AND GRADING

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

GRADES

Alphabetic symbols may be used to report academic success. Each grade is assigned a numerical weight or grade point, that is used to determine the grade point average.

LETTER GRADE

| | |
|----|---|
| A | Outstanding achievement |
| B+ | |
| B | Good achievement |
| C+ | |
| C | Satisfactory achievement. |
| P | Pass |
| F | Fail. No credit granted. |
| I | Incomplete. Grade and credit withheld until all re- |

quirements of the course have been met. Will require completion of all required work within 4 weeks of the last day of classes or an 'F' grade will be assigned.

- Satisfactory achievement in courses where letter grades are not assigned.
- A "W" grade will be assigned to those students completing the Withdrawal procedure outlined, and within the time limits specified in the College Calendar.

STATEMENT OF GRADES

At the end of each program 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 or certificate will be released.

NOTE: Statement of Grades for Pre-Apprenticeship and Apprenticeship programs will be issued by the Ministry of Labour.

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.

TRANSCRIPTS

The Official Transcript includes a record of the student's

grades and is imprinted with the College Seal and signed by the Registrar.

Transcripts may be obtained from the Student Services at a cost of \$2 per copy. The College will forward transcripts to other institutions or potential employers, etc. only with the specific permission of the student involved.

NOTE: Transcripts for Pre-Apprenticeship and Apprenticeship programs must be obtained from the Ministry of Labour.

CONTINUING EDUCATION PROGRAMS

562-2131 Loc.202

Many students at CNC are adults who wish to return to education for any number of reasons. Some adults have the time to attend the College as regular full-time students. If this applies to you, then the regular instructions in this Calendar should be followed.

Many other adults cannot find the time to return to education on a full time basis - they study part-time. As part-time students they have most of the rights and privileges of full time students at CNC. Many of the programs at the College are designed to allow an adult to follow the programs on a part-time basis. If you are interested in doing this you should consult a Counsellor. Counsellors are college employees who help you decide what courses you should take.

Some adults attend CNC to take one or two courses for their own interest and don't wish to enroll in a program. Many working adults do this to upgrade themselves.

The following list of course titles is an example of the types of courses given through Continuing Education.

| | |
|------------------------|----------------------------------|
| Adult Basic Education: | Basic Literacy Programs |
| | Academic Preparation |
| | Grade 12 Equivalency Tests (GED) |
| | English Language Training |
| Vocational: | Vocational Preparation |
| | Skill Training |
| General Interest: | Trade Certification |
| | Self Development |
| | Recreational |
| | Personal Knowledge |

These courses, their times and dates are published in a brochure twice a year and distributed in the community. If you want a brochure contact Continuing Education.

The Continuing Education Division is designed to co-ordinate and develop both existing and new programs in adult, part time education.

PROGRAMS

VOCATIONAL PART-TIME PROGRAMS

Upgrading courses covering many occupations in the health, business, trade, transportation, technical, educational, management, natural resources, hospitality and communication areas.

GENERAL INTEREST PROGRAMS

The General Interest department of Continuing Education attempts to provide the community with a variety of evening and weekend courses directed at entertainment, as well as education. Courses in the area of Personal Development, Occupational Skills, Recreation and the Arts can all be offered under the umbrella of General Interest.

SEMINARS AND CONFERENCES

Usually initiated when large public demand is recognized.

NATIVE INDIAN PROGRAMS

This is a developing program that aims to work with status and non-status people to meet their educational and training in-

terests. These include adult upgrading, vocational and career programs both in Prince George and the region. Special programs include Teacher Associate Training, Pre-career preparation and the Native Indian Teacher Education Program. (NITEP)

WOMEN'S ANIMATOR

Programs available to women on campus and in the college region for ideas and input regarding increasing the access of women to college programs. Responsible for assessing the special needs of women through women's advisory committees and generally increasing awareness by women's issues throughout the college region.

PROVINCIAL INDUSTRIAL TRAINING CONSULTANT

The Provincial Industrial Training Consultant holds a joint CNC-Ministry of Education position. The main function of the job is to provide training expertise for Canada Employment supported on site industrial training programs. The Consultant at CNC is responsible for those programs which take place in the College regions of Northwest Community College (Terrace), the College of New Caledonia (Prince George), and Northern Lights College (Dawson Creek).

ANIK-B KNOWLEDGE NETWORK

CNC receives educational programming from various institutions in the lower mainland through the Anik-B satellite system. There are live-interactive, telecourses, and video tape courses offered. CNC feeds the Knowledge Network into cablevision Channel 13.

BCIT/CNC LIAISON OFFICE

CNC offers a number of technology programs transferable to BCIT. Students take their first year at CNC and then transfer to BCIT to complete their diploma. A BCIT representative is present at CNC to assist students enrolled in these technology transfer programs.

FINE ARTS

CNC does not offer a full-time Fine Arts Program in the visual arts. However, as demand warrants and instructors are available some arts courses are offered in each semester. Some of these courses have university transfer credit and may be included in the program of a student planning to transfer to a university. Other courses may be offered for general interest and do not carry university transfer credit. All courses are offered through the Continuing Education Division. Students wishing to enroll in art courses are advised to contact CES Division to express their interest and to determine specifically what courses are planned for a given semester.

Courses offered typically come from one of the following:

| | |
|----------|-------------|
| Design | Art History |
| Ceramics | Drawing |
| Weaving | Sculpture |
| Painting | Printmaking |

MANAGEMENT SKILLS FOR SUPERVISORS

Management Skills for Supervisors involves 12 days of integrated material covering a broad range of management issues.

The 12 days are divided into three parts, each dealing with a particular group of skills:

Part I: Interpersonal Skills

Part II: Group Skills

Part III: Administrative Skills

The programme is designed to be highly experiential in nature, actively involving the participants in their own learning. To that end, structured experiences, role plays, media experiences, self scoring inventories, and discussions are employed and supported by relevant theoretical concepts.

Over 2,000 managers/supervisors from the private and public sector in British Columbia have been involved in the programme, which is being offered at six B. C. community colleges. Each of these colleges will give credit for partial course completion at another college offering the programme. Management Skills for Supervisors is provincially certified by the Ministry of Education, which will issue a certificate upon successful completion.

UBC AGRICULTURE

A representative of the UBC Faculty of Agriculture Sciences Interior Program, responsible for UBC agriculture credit courses at CNC and non credit professional development short courses in agriculture in the CNC college region is available. (See Academic Programs)

Inquiries and suggestions should be directed to:

Dean, Continuing Education,
The College of New Caledonia
3330 22nd Avenue
Prince George, B.C. V2N 1P8
Phone: 562-2131, Loc. 202

ADULT SPECIAL EDUCATION

Through the College's awareness of the emerging needs of persons with handicaps for post-secondary education, the position of a Coordinator for Adult Special Education was created. The intention of Adult Special Education Services is to provide support to adults with handicaps who wish to explore the possibilities of continuing their education through opportunities offered by the college and to facilitate specific programming to serve the education and training needs of handicapped adults, their families, and human service personnel.

Other activities of Adult Special Education services include community awareness programs designed to urge changes in attitudes toward persons who are handicapped, the identification of individual needs and the development of working relationships among community agencies programs and services to assist persons with handicaps in locating appropriate resources.

Adult Special Education Services would like to hear from interested persons who wish to see particular courses offered at the college. In response to community requests, courses will be offered. For further information on courses contact the Coordinator of Adult Special Education, 562-2131 Loc. 250.

ADULT BASIC EDUCATION PROGRAMS

These College programs are designed for people who want to acquire basic literacy skills, to complete a secondary school education, or to learn how to compete more successfully in the labour market. Successful completion of such programs will prepare students for admission to vocational training or post-secondary studies and/or for actively seeking employment.

1. Basic Literacy
2. Academic Preparatin
3. Grade 12 Equivalency Tests (GED)
4. English Language Training
5. Vocational Preparation

For further information see page 16.

ADMISSIONS AND REGISTRATION

- (i) Inquire at the Registration Office for Continuing Education (level two, Vanderhoof Building). 562-2131 Loc. 359 or 562-3532
- (ii) Applicants must pay for programs at the time of application.
- (iii) Persons requiring program advice are encouraged to consult with a counsellor.
- (iv) To withdraw from a course, return the Income Tax receipt to the Registration Office for Continuing Education.

PRIORITY

All applicants are urged to apply for admission as early as possible as first priority may be given to the earliest applicant.

FEES AND EXPENSES

Fees and other expenses will vary.

COLLEGE BOARD

SCHOOL BOARD APPOINTEES

A. Gaber - School District No. 28 (Quesnel)
W. Gilgan - School District No. 55 (Burns Lake)
C. H. Stephen - School District No. 56 (Nechako)
C. Dezell - School District No. 57 (Prince George)
R. Burrell - School District No. 57 (Prince George - Mackenzie)

GOVERNMENT APPOINTEES

G. Barr - Quesnel
J. Blunt - Prince George
J. Dodge - Fraser Lake
D. Flynn - Prince George
H. Gairns - Prince George
R. W. Stewart - Prince George

ADVISORY COMMITTEES

Many programs at CNC have Advisory Committees comprised of interested and knowledgeable members of the community and College personnel. The purpose of these Committees is to review curriculum and program standards to ensure that the students will receive the best possible education with an eye towards seeking meaningful employment upon graduation.

BURNS LAKE REGIONAL ADVISORY COMMITTEE

J. Gelz
M. Mould
S. McKinley
N. Plasway
B. Haggarty
D. Frame

GRANISLE REGIONAL ADVISORY COMMITTEE

D. Hendrick
B. Commins
C. Parkinson
W. Barker
J. Wade
D. Hovorka
R. Henderson

MACKENZIE REGIONAL ADVISORY COMMITTEE

P. Raines
S. Laycock
G. Winchester
M. Ciccone
B. Borrowman

F. Lundstrom
R. Brough
R. Burrell

NECHAKO REGIONAL ADVISORY COMMITTEE

A. L'Heureux
F. Dingwall
G. Healey
J. Oryschuk
E. Pacholuk
E. Bennett

P. Stevens
Dr. H. Stephen
L. Colling
A. Davis
P. Lawrence
V. Louie

ACCOUNTING ADVISORY COMMITTEE

P. Westhaver - Deloitte Haskins and Sells
T. Cook - Prince George Wood Preserving
V. Dean - Dean, Urquhart, Hilton and Company
G. Otterbin - Deloitte Haskins and Sells
B. Watson - Peat, Marwick, Mitchell and Co.
J. Erasmus - Aurora Centre
J. Kiddoo - Touche, Ross and Co.
T. Anderson - Madigan Equipment
P. Keppler - Rustad Brothers and Co.
G. Doyle - B.C. Telephone Company

AGRICULTURE SCIENCES ADVISORY COMMITTEE

M. Daggart - B.C. Ministry of Agriculture & Food
F. Dingwall - Farmer
R. Holtby - Consulting Agrologist
H. Johnson - Farmer
R. Kohlert - B.C. Ministry of Agriculture & Food
J. Long - Farmer
D. Merz - Farmer
A. Migvar - Farmer
W. Pringle - Ag. Can. Research Farm
W. Carlson - U.B.C. Faculty of Agriculture Sciences
M. Garland - U.B.C. Faculty of Agricultural Sciences
H. Klassen - Area Director, C.N.C., Nechako District
G. Labrash - Nechako Valley Secondary School

AUTOMOTIVE MECHANICS ADVISORY COMMITTEE

S. Lang - 17th & Victoria Gulf
A. Dunn - Fred Walls & Son
W. Bitz - Queensway Husky Service
K. Hobbs - B.C. Tel
E. Lebo - Northern Toyota Center
V. Martin - Rice Chevrolet Oldsmobile
D. Loth - Prince George Tune-Up

CONSTRUCTION TECHNOLOGY ADVISORY COMMITTEE

E. Wormsbecker - Architect
D. Dennis - D.C. Dennis Engineering
R. G. Dorwat - Stanley Associates Eng.
R. E. Graham - Hardy Associates (1978)
J. Row - Crossroads Construction Co.
J. Earl - Earlico Mechanical Contractors

V. Litnosky - Northway Electrical
A. Creuzot - Central Homes & Development
A. Everall - City of Prince George
G. Richards - Trusco Industries
K. G. Birkmann - City of Prince George
R. Thorn - Prince George Construction Association
E. Skuggedall - Viking Construction Ltd.

CRIMINOLOGY ADVISORY COMMITTEE

D. Linfield - R.C.M.P.
B. Foster - Director of Corrections
B. Lang - Parole Service
B. Rafuse - Prince George Correctional Centre
L. Leischner - Juvenile Probation & Family Court Services

DATA PROCESSING ADVISORY COMMITTEE

G. Davison - School District No. 57
J. Parry - Phi Software
C. Tordiffe - I.F.S.
D. Boughey - Northwood
M. Shawn - City of Prince George
R. Snow - P.G. Pulp and Paper Ltd.
V. Steblin - Duchess Park Secondary School
B. Miller - Northwood Pulp

DENTAL HEALTH PROGRAM ADVISORY COMMITTEE

A. Steinbart - Lakewood Dental Group
D. Hodges - Lakewood Dental Group
R. C. Malcolm - Independent
N. Paul - Dr. Waller's Office
H. Brown - Dr. Aitchison's Office
M. A. Hayes - Northern Interior Health Unit
E. David - Lakewood Dental Group
L. Backman - CNC

EARLY CHILDHOOD EDUCATION ADVISORY COMMITTEE

D. Glassel - Prince George Day Care Society
C. Wiegand - Spruceland Parent Participation Nursery School
A. Martin - Child Development Centre
K. Byrd - Quesnel Day Care Society
M. Mackenzie - Fraser Lake Playschool
J. Reis - Mackenzie Day Care Society
G. Fensom - School District #57
W. Graham - Northern Interior Health Unit
R. Thompson - B.C. Preschool Teachers Association
E. Parker - Parent Representative

ELECTRICAL ADVISORY COMMITTEE

J. Mummery
J. Sexsmith - International Brotherhood of Electrical Workers
D. Bulman - International Brotherhood of Electrical Workers
A. Lambie
J. Borden - Bater Electrical Service
A. Tosoff - Bater Electrical Service
K. Wishart - Prince George Pulp & Paper
C. Hewitt - Intercontinental Pulp & Paper
J. Cavanaugh - Northwood Pulp & Paper
M. Sambad - Sambad Electrical Services

FITTER/FABRICATOR ADVISORY COMMITTEE

T. Smith - Q.M. Industries
A. Rynsewyn - Q.M. Industries
L. Karjalato - Northern Steel Ltd.
B. Dewick - Prince George Fabricating and Engineering Ltd.
W. Rischmueller - Prince George Fabricating and Engineering Ltd.
P. Dyck - Muirhead Machinery Ltd.
B. Johnston - Canada Employment and Immigration Center

FOOD PREPARATION ADVISORY COMMITTEE

J. Hooper - Chairman
C. Theesen - Central Interior Catering & Consulting Ltd.
B. Theesen - Northwood Pulp
C. Axelson - Hotel, Restaurant, Culinary and Bartender's Union
V. Mende - Inn of the North
G. Felgenhaur - Simon Fraser Inn

F. Kollner - Restaurant and Food Services Association of B.C. & Yukon

G. Burns - Canada Employment Centre

D. Magee - PGSS Cooking Instructor

F. Corazza - Woodward's Store Bakery

A. McKilligan - Apprenticeship & Industrial Training

J. Faisen - Yellowhead Inn

M. Wilson - CNC

O. McLeod - Bib & Tucker

F. Meyer

J. Conclaves - Northwood Pulp

B. Beninger - Northwood Pulp

G. Morrison - Co-ordinator of Curriculum, Development and Implementation

H. Rosenlehner - Vienna Schnitzel Restaurant

O. Arrow - Simon Fraser Inn

A. Erasmus - Co-ordinator of School Operations (S.D. #57)

K. Ho - Peking Corner Restaurant

John Pope - Manager - Inn of the North

B. Smith

L. Roger - P.G.S.S.

G. Vickery - Manager Esther's Inn

Dietician - Prince George Regional Hospital

G. Proppe - Pub Cafe

B. Smith - Tradewinds

FOREST RESOURCE TECHNOLOGY ADVISORY COMMITTEE

G. Gunson - West Fraser Mills

S. Bosecker - Northwood Pulp and Timber

G. Richards - Weldwood of Canada

W. Blaney - Prince George Wood Preserving

K. Robertson - Weldwood of Canada

M. Woscott - Babine Forest Products

M. Thompson - Northwood Pulp and Timber

R. Hawkins - Ministry of Forests

B. Logan - Lakeland Mills

J. Shaw - Counsel of Forest Industrial Relations

J. Deere - Netherlands Overseas Mills

A. McLeod - Ministry of Forests

T. Milner - B.C. Forest Products

A. Demers - Takla Logging

K. Childs - Fish and Wildlife Dept.

D. Merz - Fraser Lake

J. Haley - Ministry of Forests

S. Burns - The Pas Lumber

J. Sherb - Ministry of Forests

DRAFTING ADVISORY COMMITTEE

B. Larmour - B.C. Hydro and Power Authority

C. Chan - B.C. Telephone (possibly new representative)

V. Swanson - Department of Highways (possibly new representative)

N. Glass - B.C. Forest Service

S. Ross - Architect

G. Webb - P.G. Pulp and Paper Ltd.

HEAVY DUTY MECHANICS ADVISORY COMMITTEE

G. Naegeli - Prince George White Truck

R. Beech - Prince George Mack Truck

E. Schultz - Prince George Truck & Equipment

N. Boyes - Union Tractor

L. Dennison - Takla Logging

R. Reimche - Ministry of Highways

N. Stewart - Placer Development

W. Fehr - Inland Diesel

B. Anderson - B.C. Railway Work Equipment Shop

LONG TERM CARE AIDE ADVISORY COMMITTEE

P. Bawtenheimer - Prince George and Regional Homemaker's Service Society

D. Hartney - Prince George and Regional Homemaker's Service Society

N. Keats - Vanderhoof Homemaker's Society

J. Kehoe - Simon Fraser Private Hospital

M. Luttrell - Long Term Care Administrator

S. Falconer - Prince George Regional Hospital

D. O'Neill - Dunrovin Park (1974) Society

LUMBER AND PLYWOOD ADVISORY COMMITTEE

P. Dalzell - Lakeland Mills

N. Larsen - Northern Interior Lumber Sector Counsel of Forest Industries

R. LaMarche - West Fraser Planing School

H. Jackson - B.C. Forest Products

R. Rogers - North Cariboo Forest Labour Relations Association

R. Hunter - Northwood Pulp and Timber

S. Sing - Northwood Pulp and Timber

N. Canil - Eurocan Sawmill

MANAGEMENT STUDIES ADVISORY COMMITTEE

D. Yarmish - Prince George Pulp and Paper

R. Williams - Northwood Pulp and Timber

D. Gunderson - North Cariboo Forest Labor Relations

M. Thompson - Endako Mines

J. Forde - City of Prince George

M. Norris - Canada Employment and Immigration Commission

J. Johnston - Prince George Regional Hospital

C. Chapman - Cariboo Pulp and Paper

P. Twidle - B.C. Hydro and Power Authority

J. Hall - B.C. Forest Products

D. Makow - B.C. Timber Ltd.

C. Brown - Provincial Corrections Branch

MEDICAL LABORATORY TECHNOLOGY ADVISORY COMMITTEE

G. Camden - B.C.I.T. Representative

T. Dawkins - Prince George Regional Hospital

T. Dolnik - Prince George Regional Hospital

B. Jones - Prince George Regional Hospital

M. Moffat - B.C.S.M.T. Representative

R. Rice - Cariboo College Representative

J. Sawka - P.G. Medical Laboratory

T. Law - Prince George Regional Hospital

MUSIC ADVISORY COMMITTEE

C. Boyd

G. Hartley

E. McGillivray

N. Bakehouse

W. Moffat

C. Dowse

NURSING ADVISORY COMMITTEE

E. Gerdes - Northern Interior Health Unit

S. Graf - G.R. Baker Memorial Hospital (Quesnel)

L. Toneatto - St. John Hospital (Vanderhoof)

D. Roscoe - Prince George Regional Hospital

M. Applegate - CNC

G. Sinclair - CNC

A. Mooney - Vanderhoof

M. Luttrell - Long Term Care Administrator

M. Jones - Prince George Regional Hospital

REFRESHER NURSING ADVISORY COMMITTEE (a subcommittee of the Nursing Advisory Committee)

E. Carr - Prince George Regional Hospital

M. Mohr - Prince George Regional Hospital

L. Toneatto - St. John Hospital (Vanderhoof)

M. Jones - Prince George Regional Hospital

NATIVE PEOPLES ADVISORY COMMITTEE

M. Alfred - Morristown Band

E. John - Prince George Friendship Centre

S. Patrick - Lakes District Education

R. Pierre - Carrier Language Committee

L. Prince - Stewart-Trembler Band

C. Euvermann - Lakes District Education Committee/Indian Friendship Centre

G. Cornwall - Department of Indian Affairs

A. Patrick - School District #56 Co-ordinator

L. Pierre - N.I.T.E.P.
A. Prince - Necoslie Band
P. Turner - United Native Nations
T. Lorrent - Nazko Band

PLUMBING ADVISORY COMMITTEE

R. Enwright - Ministry of Labour
B. Johnston - Canada Employment & Immigration
J. Earl - Earco Mechanical Contractors Ltd.
D. Harvey - Harvey Plumbing & Heating
F. Busby - Alcan
A. Everall - City of Prince George

SECRETARIAL PROGRAM ADVISORY COMMITTEE

Mr. Bruce MacFarlane, Prince George Bar Assn.
Mr. Harry Yates, Prince George Pulp and Paper
Mrs. Rita Mitchell - Public Service Commission
Mr. Al Husband - Prince George Regional Hospital
Ms. Fran Dobell - B.C. Telephone
Mr. Bruce Johnson - Canada Manpower
Ms. Dawn Miller - School District #57
Ms. Josephine Buckle - Prince George City Hall
Mr. Bob McFarlane - Deloitte Haskins and Sells
Mr. Bill Opdahl - CJCI Radio
Ms. Patricia Elliott - Finning Tractor

SURVEY TECHNOLOGY ADVISORY COMMITTEE

D. Duffy - W.D. Usher & Associates
G. Simmons - Associated Engineering Services Ltd.
H. A. Walker - Ministry of Transportation & Highways

R. Mortimer - Willis, Cunliffe, Tait
P. Lloyd - B.C. Hydro and Power Authority

WELDING ADVISORY COMMITTEE

H. Widdows - Gibraltar Mines
B. Linden - Linden Welding & Fabricating
J. Hunter - Prince George Pulp and Paper
A. Rysewyn - Q.M. Industries
E. Mercier - Atlas Aluminum Welding
L. Palmer - Farr Fabricating Co.
J. Wynne - Plumber, Pipefitters & Steamfitters
T. Mogensen - International Woodworkers of America

WOMEN'S ADVISORY COMMITTEE

W. Reimer - University Women's Club
S. Park - W.E.R.A.
J. Lacey - Fraser Lake
G. Lazzarin - Quesnel
S. McKinley - Burns Lake
K. Conroy - CNC
K. Sopit - Mackenzie
D. Olafsson - Valemount
A. Campbell - Vanderhoof
V. Winthrop - Prince George

FACULTY AND ADMINISTRATION

| | | |
|--------------|--|--|
| R. Adams | B.A., M.A. | Area Director, Mackenzie |
| J. Allgaier | B.A., M.A. | English |
| L. Anderson | I.D. | Welding |
| C. Andrew | B.Sc.N., M.Ed. | Nursing |
| M. Applegate | R.N., B.Sc.N. | Nursing |
| J. Backhouse | A.L.A. | Regional Librarian |
| L. Backman | C.D.A. | Dental Assisting |
| M. Baehr | B.A., I.D. | Office Administration |
| C. Bardal | B.S.F., R.P.F. | Forest Resource Technology |
| M. Barrena | B.A., M.A. | Spanish |
| C. Bowes | E.C.E. Dip. B.A. | Early Childhood Education |
| G. Beault | B.Sc., Ph.D. | Chemistry |
| N. Berry | B.Ed. | A.B.E. Instructional Rehabilitation |
| S. Berry | Telecommunication & Electronic Dip. | Audio Visual Manager |
| R. Bircher | I.D., 1st Class P.E., J.I.I.M. | Power Engineer |
| D. Blacker | I.D., T.Q. | Millwright |
| J. Blake | B.Comm., M.B.A. C.A. | Bursar |
| W. Blits | I.D., T.Q., 2nd Cls. E.D., 3rd Cls. P.E. | Millwright |
| S. Burgess | I.D. | Heavy Equipment Operator |
| M. Chapman | R.M., B.Sc.N. | Nursing |
| E. Cinits | B.Sc., M.Sc. | Director, Natural Sciences |
| J. Cloe | B.A., M.A., Ph.D. | Psychology |
| G. Clancy | C.F.C.C., T.Q., Cert. Journeyman | Mgr. Food Services |
| A. Clark | Computer Technology Dip. | |
| D. Cole | B.A., C.A. | Data Processing Director, Financial Services |
| J. Connors | B.Sc. | ABE Mathematics & Physics |

| | | |
|---------------|--|---|
| W. Conrod | B.Sc., M.A. | Dean, Continuing Education |
| K. Conroy | B.A., M.A., M.S.W. | Counsellor |
| A. COPELAND | B.Sc.E.E., P.Eng.(Man) | Man. Teach. Cert. Electrical-Electronics Technology |
| J. Covay | B.A., M.A. | Modern Languages |
| M. Croken | R.N., I.D. | Nursing |
| J. Crow | B.Sc., Ph.D. | Chemistry |
| A. Cunningham | | Falling & Bucking |
| J. Curry | | Personnel Asst. |
| K. Dawson | I.D. | Regional Director, Vocational Programs |
| S. Delaney | | CABES |
| B. Dickens | B.S.F., R.P.F. | Exec. Sec. to Principal |
| H. Dockrill | C.D.A. | Forest Resource Technology |
| A. Dumas | B.Sc., P.Eng. | Dental Assisting |
| R. Dunsmore | B.S.F., M.F. | Construction Technology |
| P. Elliott | | Forest Resource Technology |
| J. Fabricant | Forest Technology Dip. of Tech. C.E.T. | Forest Resource Technology |
| E. Faulkner | B.A., M.S. | Early Childhood Education |
| S. Fefferman | B.Sc., M.Sc., Ph.D. | Geology |
| D. Fleck | B.Comm., M.A. | Economica |
| J. Forster | C.F.C.C., T.Q., Cert. Journeyman | Cooking |
| C. Fortin | 1st Class Power Eng., 1st Class Marine Eng. | |
| W. Garrett | I.D. | Power Engineering Welding |
| J. Gattrell | B.A., M.A., Ph.D. | Director, L.A. & S.S. |
| M. Gee | B.A., M.L.S. | Reader Services Librarian |
| | B.Ed., Comm. Cert., F.T.M. Dip., B.C. Teach. Cert. | ABE English & Math. |

| | | | | | |
|---------------|---|--|---------------|-------------------------------------|--------------------------------|
| J. Gillespie | B.S.F., R.P.F. | Forest Resource Technology | T. Sawtell | B.A., M.Ed., B.C. Teach. Cert. | Study Skills |
| R. Goode | Arch Tech. | Bldg. Services Manager | L. Schmidt | R.M., B.A. | Nursing |
| R. Goudie | Inter-Prov. Auto Mechanic, T.Q. | Automotive Instructor | G. Sriver | T.Q. Carp., B.Ed. | Counsellor |
| R. Green | B.Comm., C.A. | Business Administration | P. Seens | B.C. Teach. Cert. | Director, Resource Centre |
| K. Hamming | B.Sc. | Manager, Data Processing | S. Shaffer | B.A., M.A., M.L.Sc. | English |
| J. Harris | B.A., M.A., Ph.D. | English | G. Sinclair | B.A., M.A., B.C. Teach. Cert. | Director, Health Sciences |
| L. Hays | R.M., B.Sc.N | Nuring | G. Sipos | R.N., B.Sc.N. | English |
| G. Heinzmann | R.N., I.D. | Nursing | J. Sketchley | B.A., M.A., B.C. Teach. Cert. | Preapprentice: H.D.M. |
| E. Hutchings | Ph.D., B.C. Secondary Teaching Cert. | Mathematics | B. Slade | Voc. Inst. Cert. | Manager |
| G. Ingalls | B.A., M.A. | Philosophy | F. Snaychuk | I.D. | Financial Planning |
| R. Insley | B.Sc., M.Sc. | Mathematics | D. Snider | Dir. Tech., C.E.T. | H.D. Operator |
| G. Jackson | B.S.A., M.Sc. | ABE English | D. Sterns | B.S.F. | P.I.T.C |
| C. Jarosh | I.D., Inter-Prov. 1st Class Elect. | Biology | L. Steneker | | Forest Resource Technology |
| J. Jensen | I.D. | Electrical | R. Stevenson | B.A., M.S., Ph.D. | Purchasing Agent |
| J. Keefe | Dip. of Tech. | Forest Resource Technology | G. Sylvester | B.A., M.ed. | Biology |
| G. Kems | | BCIT/CNC Liaison | N. Tarrant | C.D.A. | Dean of Instruction |
| P. Kolbuc | | Area Director | R. Taylor | T.Q. | Dental Assisting |
| C. Langley | D.Tech., C.E.T. | Vanderhoof | W. Taylor | I.D., T.Q.: H.D.M. & Auto. | Millwright |
| C. Lee | B.A., M.Sc., Ph.D | Vocational Preparation | B. Thair | B.A., M.A., Ph.D. | Apprentice: H.D.M. |
| M. Lee | B.Sc., Ph.D | Technology Surveying | J. Therres | I.D., 1st Class | Biology |
| P. Lewewe | B.Sc.N. | Mathematics | R. Thorsen | Power Eng. | Power Engineering |
| F. Leonard | B.A., M.A. | Biology | G. Tyndall | B.P.E., M.P.E. | Coordinator, Athletics/ |
| A. Leveridge | Dip. Tech., C.I.M., C.D.P., D.P.M., M.Sc. | Nursing | P. Usher | B.C. Teach. Cert. | Recreation |
| F. Long | B.A., B.Ed. | History | E. Vasseur | B.Sc., M.A. | Psychology |
| J. L. MacNeil | B.A., B.Ed., Ed.D., M.Ed. Counsel Cert. Psych. (A.B.) | Bus./Data Processing | R. Watters | B.P.E., M.A., Ph.D | Physical Education |
| R. Maides | | Area Director | D. Wharrie | I.D. | Office Administration |
| R. Maida | B.A., M.Sc. | Burns Lake | B. White | B.A.Sc., P.Eng. | Forest Resource Technology |
| B. Malcolm | B.Sc., M.Sc. | Dean Student Services | H. Williams | R.P.F., M.F. | Manager, Continuing Education. |
| R. Martin | I.D. | Public Relations Officer | M. Wilson | Business Administ. Diploma | Early Childhood Education |
| C. McCaffray | | Counsellor | L. Winthroppe | A.A., B.A., M.A., B.C. Teach. Cert. | Academic Upgrading |
| E. McCue | | Chemistry | G. Wood | B.A., M.A. | Cooking |
| T. McDonald | B.Sc., M.A. | Welding | D. Worden | C.F.C.C., C&G | Personnel Manager |
| J. McGillvray | R.M., B.Sc.N | Principal | | Business Administ. Diploma | Business Administration |
| B. McKinnon | R.M., B.Sc.N | Exec. Sec. To Bursar | | C.A. | Mathematic |
| D. McNeill | B.A., M.A. | Psychology | | B.A.Sc., M.A.Sc. | |
| J. A. McVey | C.G.A. | English | | | |
| M. Mingay | M.A., (Hons.) M.A. | Business Administration | | | |
| S. Moores | I.D., T.Q. Electricians | Geography | | | |
| V. Nau | R.M., B.Sc.N | Electrical | | | |
| G. Neelin | B.Sc. | Nursing | | | |
| R. Nelson | B.A. | ABE Chemistry | | | |
| Y. Nomura | B.Sc., M.Sc., Ph.D | Area Director | | | |
| F. Nordin | B.S., M.Sc. | Robson Valley | | | |
| F. Peacock | I.D. | Physics | | | |
| B. Pertriv | I.D. | Mathematics | | | |
| K. Plett | B.N. | Office Administration | | | |
| J. Pooley | B.A., M.L.Sc. | Drafting | | | |
| G. Powers | B.Sc. | Nursing | | | |
| D. Precosky | I.D., T.Q., Auto Mech. | Librarian | | | |
| P. Ramsey | B.A., M.A., Ph.D. | Office Administration | | | |
| I. Reaugh | B.A., M.A. | Director, Trades | | | |
| E. Ritch | I.D. | English | | | |
| P. Roberts | B.Sc., M.Ed. | Director, ABE | | | |
| P. Robinson | B.P.E., M.Ed. | HEO/Logging | | | |
| D. Roscoe | B.Comm., M.B.A. | ABE Biology | | | |
| D. Rubadeau | | Counsellor | | | |
| W. Rush | | Director, Business and Industrial Technology | | | |
| R. Ryan | | Bookstore Manager | | | |
| | | Psycholgy | | | |
| | | ABE Math | | | |
| | | Business Administration | | | |

CNC - UNIVERSITY TRANSFER EQUIVALENCIES

| C.N.C. | S.F.U. | U.B.C. | U.V.C. | C.N.C. | S.F.U. | U.B.C. | U.V.C. |
|----------|--|---|--|----------|--|--|---|
| Anth 101 | S.A. (3) S.A. 270 (3) S.A. (3) | Anth (1½) | Anth 100 (3) | Chem 201 | Chem 261 (3) Chem 262 (3) Chem 263 (3) Chem 264 | Chem 205 (3) OR Chem 210 (3) Chem 232 (3) OR Chem 230 (3) | Chem 200 level (1½) Chem 200 level (1½) Chem 230 (3) |
| Anth 102 | Arc (3) | Anth (1½) | Anth (3) | Chem 202 | Chem 251 (3) Chem 252 (3) | Chem 205 (3) OR Chem 210 (3) Chem 232 (3) | Chem 230 (3) |
| Anth 103 | Anth (3) | (Pending) | Anth (3) | Chem 204 | Comm 222 (3) | Comm 151 (1½) Comm 152 (1½) | Comm 151 (1½) |
| Anth 201 | S.A. 170 (3) S.A. (3) | Anth 200 (1½) Anth Anth 200 (1½) / 200 (3) | Anth 200 level (1½) Anth 200 level (1½) | Com 110 | Math (3) Math (3) Crim 101 (3) Crim 104 (3) | Math 200 level (1½) Math 200 level (1½) Soci 100 level (1½) | Math 200 level (1½) Math 200 level (1½) Soci 100 level (1½) |
| Art 101 | Visual Art (3) Studio Visual Art (3) Studio | ↑ ↑ | Art 100 (3) | Com 120 | Econ 100 (3) Econ 101 (3) | Econ 100 level (1½) Econ 100 level (1½) | Econ 100 level (1½) Econ 100 level (1½) |
| Art 102 | Art History (3) | Fine Arts 125 (3) | H.A. 120 (3) | Com 201 | Econ 201 (3) Econ 202 (3) | Econ 201 (1½) Econ 202 (1½) | Econ 201 (1½) Econ 202 (1½) |
| Art 103 | Visual Art (3) Studio | ↑ | Art 200 (3) | Com 202 | Compt 101 (3) Compt 102 (3) | Compt 101 (3) Compt 102 (3) | Compt 101 (3) Compt 102 (3) |
| Art 104 | Visual Art (3) Studio | ↑ | Art 220 (3) | Com 207 | Compt 103 (3) Compt 104 (3) | Compt 103 (3) Compt 104 (3) | Compt 103 (3) Compt 104 (3) |
| Art 163 | Visual Art (3) Studio | ↑ | Art 240 (3) | Com 208 | Compt 105 (3) Compt 106 (3) | Compt 105 (3) Compt 106 (3) | Compt 105 (3) Compt 106 (3) |
| Art 164 | Visual Art (3) Studio | ↑ | Art 230 (3) | Crim 101 | Compt 107 (3) Compt 108 (3) | Compt 107 (3) Compt 108 (3) | Compt 107 (3) Compt 108 (3) |
| Art 165 | Visual Art (3) Studio | ↑ | Art 250 (3) | Crim 106 | Compt 109 (3) Compt 110 (3) | Compt 109 (3) Compt 110 (3) | Compt 109 (3) Compt 110 (3) |
| Art 166 | Visual Art (3) Studio | ↑ | Art 260 (3) | Econ 101 | Compt 111 (3) Compt 112 (3) | Compt 111 (3) Compt 112 (3) | Compt 111 (3) Compt 112 (3) |
| Art 171 | Visual Art (3) Studio | ↑ | Art 270 (3) | Econ 102 | Compt 113 (3) Compt 114 (3) | Compt 113 (3) Compt 114 (3) | Compt 113 (3) Compt 114 (3) |
| Art 172 | Visual Art (3) Studio | ↑ | Art 280 (3) | Econ 201 | Compt 115 (3) Compt 116 (3) | Compt 115 (3) Compt 116 (3) | Compt 115 (3) Compt 116 (3) |
| Art 173 | Visual Art (3) Studio | ↑ | Art 290 (3) | Econ 202 | Compt 117 (3) Compt 118 (3) | Compt 117 (3) Compt 118 (3) | Compt 117 (3) Compt 118 (3) |
| Art 174 | Visual Art (3) Studio | ↑ | Art 300 (3) | Econ 203 | Compt 119 (3) Compt 120 (3) | Compt 119 (3) Compt 120 (3) | Compt 119 (3) Compt 120 (3) |
| Art 177 | Visual Art (3) Studio | ↑ | Art 310 (3) | Econ 204 | Compt 121 (3) Compt 122 (3) | Compt 121 (3) Compt 122 (3) | Compt 121 (3) Compt 122 (3) |
| Art 178 | Visual Art (3) Studio | ↑ | Art 320 (3) | Econ 205 | Compt 123 (3) Compt 124 (3) | Compt 123 (3) Compt 124 (3) | Compt 123 (3) Compt 124 (3) |
| Art 261 | Visual Art (3) Studio | ↑ | Art 330 (3) | Econ 206 | Compt 125 (3) Compt 126 (3) | Compt 125 (3) Compt 126 (3) | Compt 125 (3) Compt 126 (3) |
| Art 262 | Visual Art (3) Studio | ↑ | Art 340 (3) | Econ 207 | Compt 127 (3) Compt 128 (3) | Compt 127 (3) Compt 128 (3) | Compt 127 (3) Compt 128 (3) |
| Art 264 | Visual Art (3) Studio | ↑ | Art 350 (3) | Econ 208 | Compt 129 (3) Compt 130 (3) | Compt 129 (3) Compt 130 (3) | Compt 129 (3) Compt 130 (3) |
| Art 265 | Visual Art (3) Studio | ↑ | Art 360 (3) | Econ 209 | Compt 131 (3) Compt 132 (3) | Compt 131 (3) Compt 132 (3) | Compt 131 (3) Compt 132 (3) |
| Astr 101 | Astron (3) | Science (1½) | Astr 120 (3) | Engl 101 | Engl 101 (3) Engl 102 (3) | Engl 101 (3) Engl 102 (3) | Engl 101 (3) Engl 102 (3) |
| Astr 102 | Astron (3) | Science (1½) | Astr 120 (3) | Engl 103 | Engl 103 (3) Engl 104 (3) | Engl 103 (3) Engl 104 (3) | Engl 103 (3) Engl 104 (3) |
| Astr 131 | Phys (3) | Science (1½) | Astr 120 (3) | Engl 104 | Engl 105 (3) Engl 106 (3) | Engl 105 (3) Engl 106 (3) | Engl 105 (3) Engl 106 (3) |
| Bio 101 | BiSc 101 (3) | Biol 101 (3) OR Biol 102 (3) | Biol 150 (3) | Engl 201 | Engl 201 (3) Engl 202 (3) | Engl 201 (3) Engl 202 (3) | Engl 201 (3) Engl 202 (3) |
| Bio 102 | BiSc 102 (3) | Biol 101 (3) | Biol 150 (3) | Engl 202 | Engl 203 (3) Engl 204 (3) | Engl 203 (3) Engl 204 (3) | Engl 203 (3) Engl 204 (3) |
| Bio 103 | BiSc 103 (3) | Biol 102 (3) | Biol 150 (3) | Engl 203 | Engl 205 (3) Engl 206 (3) | Engl 205 (3) Engl 206 (3) | Engl 205 (3) Engl 206 (3) |
| Bio 104 | BiSc 104 (3) | Biol 103 (3) | Biol 150 (3) | Engl 204 | Engl 207 (3) Engl 208 (3) | Engl 207 (3) Engl 208 (3) | Engl 207 (3) Engl 208 (3) |
| Bio 111 | BiSc (3) | Biol (1½) | Biol 100 level (1½) | Engl 205 | Engl 209 (3) Engl 210 (3) | Engl 209 (3) Engl 210 (3) | Engl 209 (3) Engl 210 (3) |
| Bio 112 | BiSc (3) | Biol (1½) | Biol 100 level (1½) | Engl 206 | Engl 211 (3) Engl 212 (3) | Engl 211 (3) Engl 212 (3) | Engl 211 (3) Engl 212 (3) |
| Bio 121 | BiSc (3) | Biol (1½) | Biol 100 level (1½) | Engl 207 | Engl 213 (3) Engl 214 (3) | Engl 213 (3) Engl 214 (3) | Engl 213 (3) Engl 214 (3) |
| Bio 122 | BiSc (3) | Biol (1½) | Biol 100 level (1½) | Engl 208 | Engl 215 (3) Engl 216 (3) | Engl 215 (3) Engl 216 (3) | Engl 215 (3) Engl 216 (3) |
| Bio 181 | BiSc (3) | Biol (1½) | Biol 100 level (1½) | Engl 209 | Engl 217 (3) Engl 218 (3) | Engl 217 (3) Engl 218 (3) | Engl 217 (3) Engl 218 (3) |
| Bio 182 | BiSc (3) | Biol (1½) | Biol 100 level (1½) | Engl 210 | Engl 219 (3) Engl 220 (3) | Engl 219 (3) Engl 220 (3) | Engl 219 (3) Engl 220 (3) |
| Bio 201 | BiSc 201 (3) | Biol 200 (1½) | Biol 200 (1½) | Engl 211 | Engl 221 (3) Engl 222 (3) | Engl 221 (3) Engl 222 (3) | Engl 221 (3) Engl 222 (3) |
| Bio 202 | BiSc (3) | Biol 201 (1½) | Biol 200 (1½) | Engl 212 | Engl 223 (3) Engl 224 (3) | Engl 223 (3) Engl 224 (3) | Engl 223 (3) Engl 224 (3) |
| Bio 203 | BiSc 203 (3) | Ecology 2nd Year (1½) | Ecology 2nd Year (1½) | Engl 213 | Engl 225 (3) Engl 226 (3) | Engl 225 (3) Engl 226 (3) | Engl 225 (3) Engl 226 (3) |
| Bio 204 | BiSc 204 (3) | Genetics 2nd Year (1½) | Genetics 2nd Year (1½) | Engl 214 | Engl 227 (3) Engl 228 (3) | Engl 227 (3) Engl 228 (3) | Engl 227 (3) Engl 228 (3) |
| Bio 205 | BiSc 205 (3) | Micro 200 (3) | Micro 200 level (1½) | Engl 215 | Engl 229 (3) Engl 230 (3) | Engl 229 (3) Engl 230 (3) | Engl 229 (3) Engl 230 (3) |
| Bio 206 | BiSc 206 (3) | Micro 200 (3) | Micro 200 level (1½) | Engl 216 | Engl 231 (3) Engl 232 (3) | Engl 231 (3) Engl 232 (3) | Engl 231 (3) Engl 232 (3) |
| Bio 207 | BiSc 207 (3) | Zool 200 (1½) | Zool 200 level (1½) | Engl 217 | Engl 233 (3) Engl 234 (3) | Engl 233 (3) Engl 234 (3) | Engl 233 (3) Engl 234 (3) |
| Bio 208 | BiSc 208 (3) | Zool 200 (1½) | Zool 200 level (1½) | Engl 218 | Engl 235 (3) Engl 236 (3) | Engl 235 (3) Engl 236 (3) | Engl 235 (3) Engl 236 (3) |
| Bio 209 | BiSc 209 (3) | Botany 200 (1½) | Botany 200 level (1½) | Engl 219 | Engl 237 (3) Engl 238 (3) | Engl 237 (3) Engl 238 (3) | Engl 237 (3) Engl 238 (3) |
| Bio 274 | Chem 105 (3) Chem 104 (3) Chem (3) | Chem 120 (3) | Chem 124 (3) | Engl 220 | Engl 239 (3) Engl 240 (3) | Engl 239 (3) Engl 240 (3) | Engl 239 (3) Engl 240 (3) |
| Chem 101 | Chem 105 (3) Chem 104 (3) Chem (3) | Chem 120 (3) | Chem 124 (3) | Engl 221 | Engl 241 (3) Engl 242 (3) | Engl 241 (3) Engl 242 (3) | Engl 241 (3) Engl 242 (3) |
| Chem 102 | Chem 105 (3) Chem 104 (3) Chem (3) | Chem 120 (3) | Chem 124 (3) | Engl 222 | Engl 243 (3) Engl 244 (3) | Engl 243 (3) Engl 244 (3) | Engl 243 (3) Engl 244 (3) |
| Chem 103 | Chem 105 (3) Chem 104 (3) Chem (3) | Chem 120 (3) | Chem 124 (3) | Engl 223 | Engl 245 (3) Engl 246 (3) | Engl 245 (3) Engl 246 (3) | Engl 245 (3) Engl 246 (3) |
| Chem 104 | Chem 105 (3) Chem 104 (3) Chem (3) | Chem 120 (3) | Chem 124 (3) | Engl 224 | Engl 247 (3) Engl 248 (3) | Engl 247 (3) Engl 248 (3) | Engl 247 (3) Engl 248 (3) |

| C.N.C. | S.F.U. | U.B.C. | U.VIC | C.N.C. | S.F.U. | U.B.C. | U.VIC |
|-------------------|-------------------|---|-----------------------------------|------------|-------------|----------------|--------------------------------|
| Geog 203 * | Geog 121 (3) | Geog 201 (1½) | Geog 201 (1½) (Partial credit) | PE 110 | - | PE 226 (1) | PE 117 (½) |
| Geog 205 * | Geog 141 (3) | Geog 200 (1½) | Geog 205 (1½) (Partial Credit) | PE 112 | - | PE 204 | PE 110 (½) |
| Geol 101 | Geol 112(3) | Geol 105 (3) | Geol 105(3) | PE 113 | - | PE 240 | PE 109 (½) |
| Geol 102 | Geol (3) | Geol 312 (3) | Geol 312(1) | PE 114 | - | PE 242 | PE 100 level (½) |
| Geol 201 | Hist (3) | Hist 125 (3) OR | Hist 242 (3) | PE 115 | - | PE 241 | PE 119 (½) |
| Hist 101 | Hist (3) | Hist (1½) for one | Hist 230 (3) | PE 116 | - | PE 230 | PE 105 (½) |
| Hist 102 | Hist (3) | Hist 135 (3) OR | Hist 200 level (1½) | PE 117 | - | PE 201(1) | PE 100 level (½) |
| Hist 103 | Hist 101 (3) | Hist (1½) for one | Hist 200 level (1½) | PE 121 | - | PE 161 (1½) | PE 143 (1½) |
| Hist 104 | Hist 102 (3) | Hist (1½) for one | Hist 200 level (1½) | PE 123 | - | PE 164 (1½) | PE 142 (1½) |
| Hist 201 | Hist 224 (3) | Hist (1½) | Hist 200 level (1½) | PE 124 | - | PE 260 (1½) | PE 143 (1½) |
| Hist 202 | Hist 225 (3) | Hist (1½) | Hist 200 level (1½) | PE 203 | - | PE 261 (1½) | PE 200 level (1½) |
| Hist 211 | Hist 110(3) | (1½) unassigned credit | Hist 200 level (1½) | PE 204 | - | PE 261 (1½) | PE 200 level (1½) |
| Linguistics III | | | | Phys 101 | Phys 120(3) | Phys 115(3) | Phys 101(3) |
| Math 100 | Math 100 (3) | Math 111 (3) (1½) in Faculty of Science | Math 012 (0) | Phys 102 | Phys 121(3) | Phys 110(3) | Phys 103(3) or |
| Math 101 | Math 151 (3) | Math 100 (1½) | Math 130 (3) OR | Phys 105 | Phys 101(3) | Phys 110(3) | Phys 103(3) with "B" or better |
| Math 102 | Math 152 (3) | Math 101 (1½) | Math 100 (1½) and | Phys 106 | Phys 102(3) | Phys 115(3) | Phys 217(1½) |
| Math 103 * | Math (3) | Math 203 Math | Math 101 (1½) | Phys 201 | Phys 202 | Phys 115(3) | Phys 200 level (1½) |
| Math 104 * | Math 101 (3) | Math 203 Math | Math 100 level (1½) | Phys 202 | Phys 203 | Phys 115(3) | Phys 211A(1½) |
| Math 109 * | Math 103 (3) | Math 203 Math | Math 100 level (1½) | Phys 203 * | Phys 204 | Phys 115(3) or | Phys 211B(1½) |
| Math 110 * | Math 103 (3) | Math 203 Math | Math 100 level (1½) | Phys 204 | Phys 205 | Phys 115(3) | Phys 211B(1½) |
| Math 201 | Math 251 (3) | Math 201 (1½) | Math 100 level (1½) | Phys 205 | Phys 206 | Phys 115(3) | Phys 211B(1½) |
| Math 202 | Math 252 (3) | Math 201 (1½) | Math 100 level (1½) | Phys 206 | Phys 207 | Phys 115(3) | Phys 211B(1½) |
| Math 203 | Math 253 (3) | Math 201 (1½) | Math 100 level (1½) | Phys 207 | Phys 208 | Phys 115(3) | Phys 211B(1½) |
| Math 204 | Math 254 (3) | Math 201 (1½) | Math 100 level (1½) | Phys 209 | Phys 209 | Phys 115(3) | Phys 211B(1½) |
| Math 215 | Math 310 (3) | Math 315 (1½) | Math 100 level (1½) | Phys 210 | Phys 210 | Phys 115(3) | Phys 211B(1½) |
| Mus 101 | Mus 101 (pending) | Mus 120 (3) | Mus 110 (3) | Phys 211 | Phys 211 | Phys 115(3) | Phys 211B(1½) |
| Mus 102 | Mus 102 (pending) | Mus 120 (3) | Mus 110 (3) | Phys 212 | Phys 212 | Phys 115(3) | Phys 211B(1½) |
| Mus 103 | Mus 103 (3) | Mus 120 (3) | Mus 110 (3) | Phys 213 | Phys 213 | Phys 115(3) | Phys 211B(1½) |
| Mus 104 | Mus 104 (3) | Mus 120 (3) | Mus 110 (3) | Phys 214 | Phys 214 | Phys 115(3) | Phys 211B(1½) |
| Mus 105/106 | Mus 105/106 (3) | Mus 120 (3) | Mus 110 (3) | Phys 215 | Phys 215 | Phys 115(3) | Phys 211B(1½) |
| Mus 107/108 | Mus 107/108 (3) | Mus 120 (3) | Mus 110 (3) | Phys 216 | Phys 216 | Phys 115(3) | Phys 211B(1½) |
| Mus 110 | Mus 110 (3) | Mus 120 (3) | Mus 110 (3) | Phys 217 | Phys 217 | Phys 115(3) | Phys 211B(1½) |
| Mus 111 (pending) | Mus 111 (pending) | Mus 120 (3) | Mus 110 (3) | Phys 218 | Phys 218 | Phys 115(3) | Phys 211B(1½) |
| Mus 112 | Mus 112 (3) | Mus 120 (3) | Mus 110 (3) | Phys 219 | Phys 219 | Phys 115(3) | Phys 211B(1½) |
| Mus 113 (pending) | Mus 113 (pending) | Mus 120 (3) | Mus 110 (3) | Phys 220 | Phys 220 | Phys 115(3) | Phys 211B(1½) |
| Phil 101 | Phil 101 (3) | Phil 100 (3) | Phil 100 (3) | Phys 221 | Phys 221 | Phys 115(3) | Phys 211B(1½) |
| Phil 102 | Phil 102 (3) | Phil 100 (3) | Phil 100 (3) | Phys 222 | Phys 222 | Phys 115(3) | Phys 211B(1½) |
| Phil 204 | Phil 204 (3) | Phil 100 (3) | Phil 100 (3) | Phys 223 | Phys 223 | Phys 115(3) | Phys 211B(1½) |
| Phil 205 | Phil 205 (3) | Phil 100 (3) | Phil 100 (3) | Phys 224 | Phys 224 | Phys 115(3) | Phys 211B(1½) |
| PE 101 | PE 101 (3) | PE 120 (1) | PE 120 (1) | Phys 225 | Phys 225 | Phys 115(3) | Phys 211B(1½) |
| PE 102 | PE 102 (3) | PE 120 (1) | PE 120 (1) | Phys 226 | Phys 226 | Phys 115(3) | Phys 211B(1½) |
| PE 103 | PE 103 (3) | PE 120 (1) | PE 120 (1) | Phys 227 | Phys 227 | Phys 115(3) | Phys 211B(1½) |
| PE 104 | PE 104 (3) | PE 120 (1) | PE 120 (1) | Phys 228 | Phys 228 | Phys 115(3) | Phys 211B(1½) |
| PE 105 | PE 105 (3) | PE 120 (1) | PE 120 (1) | Phys 229 | Phys 229 | Phys 115(3) | Phys 211B(1½) |
| PE 106 | PE 106 (3) | PE 120 (1) | PE 120 (1) | Phys 230 | Phys 230 | Phys 115(3) | Phys 211B(1½) |
| PE 107 | PE 107 (3) | PE 120 (1) | PE 120 (1) | Phys 231 | Phys 231 | Phys 115(3) | Phys 211B(1½) |
| PE 108 | PE 108 (3) | PE 120 (1) | PE 120 (1) | Phys 232 | Phys 232 | Phys 115(3) | Phys 211B(1½) |

• Students should see a Counsellor to check on specific comments applicable to these courses.

BUSINESS ADMINISTRATION TRANSFER GUIDE

| C.N.C. Courses | Institute of Chartered Accountants of B.C. (CA) | Certified General Accountants of B.C. (CGA) | Society of Management Accountants of B.C. (RIA) | Institute of Accredited Public Accountants of B.C. (APA) |
|------------------------------------|---|---|---|--|
| Bus 151 and 152 | Financial Accounting to | Accounting 101 | 11 Introductory Accounting | Accounting 100 |
| Bus 251 and 252 | Intermediate Level | Accounting 211 & 221 | 21 Intermediate Accounting | Accounting 200 |
| Bus 253 and 254 | Management and Cost Accounting | Cost Accounting 311 | 31 Cost and Management Accounting | Cost Accounting 300 |
| Bus 257 and 258 | Financial Management | Financial Controller-ship 316 | 42 Financial Management | Financial Management 320 |
| Bus 265 | Policy and Administration | | | |
| Bus 270 | Advanced Accounting | | Note 1 | Accounting 400 |
| Bus 274 | Organizational Behavior | | 23 Organizational Behaviour | Organizational Behaviour 730 |
| Bus 293 and 294 | Commercial Law | Law 108 | 22 Commercial Law | Commercial Law 500 |
| Com 110 | Business Applications of Mathematics | | | |
| Com 201 | Note 2 | | 11 Introductory Accounting | |
| Com 110 and 207 | | | 33 Quantitative Methods II | |
| Econ 201 and 202 | Economics | Economics 104 | 12 Economics | Economics 710 |
| EDP 151 and 152 | | Note 3 | 14 Data Processing | Computers 430 |
| EDP 152 and 255 | Computers in Business | | | |
| EDP 253 and 254 | | | | Information Systems 740 |
| EDP 253 and 256 or EDP 253 and 257 | | ICS 325 | | |
| EDP 257 | Information Systems | | 51 Information Systems | |
| Engl 151 and 152 | | | 13 Communications and Case Analysis | Business Communication 720 |
| Math 101 | Mathematics | | | |
| Math 104 or Math 157 | Statistics | | 32 Quantitative Methods I | |
| Math 157 | | Statistics 203 | 32 Quantitative Methods I | |

Note 1 — May be taken, but Society test is required for 41 Advanced Accounting.

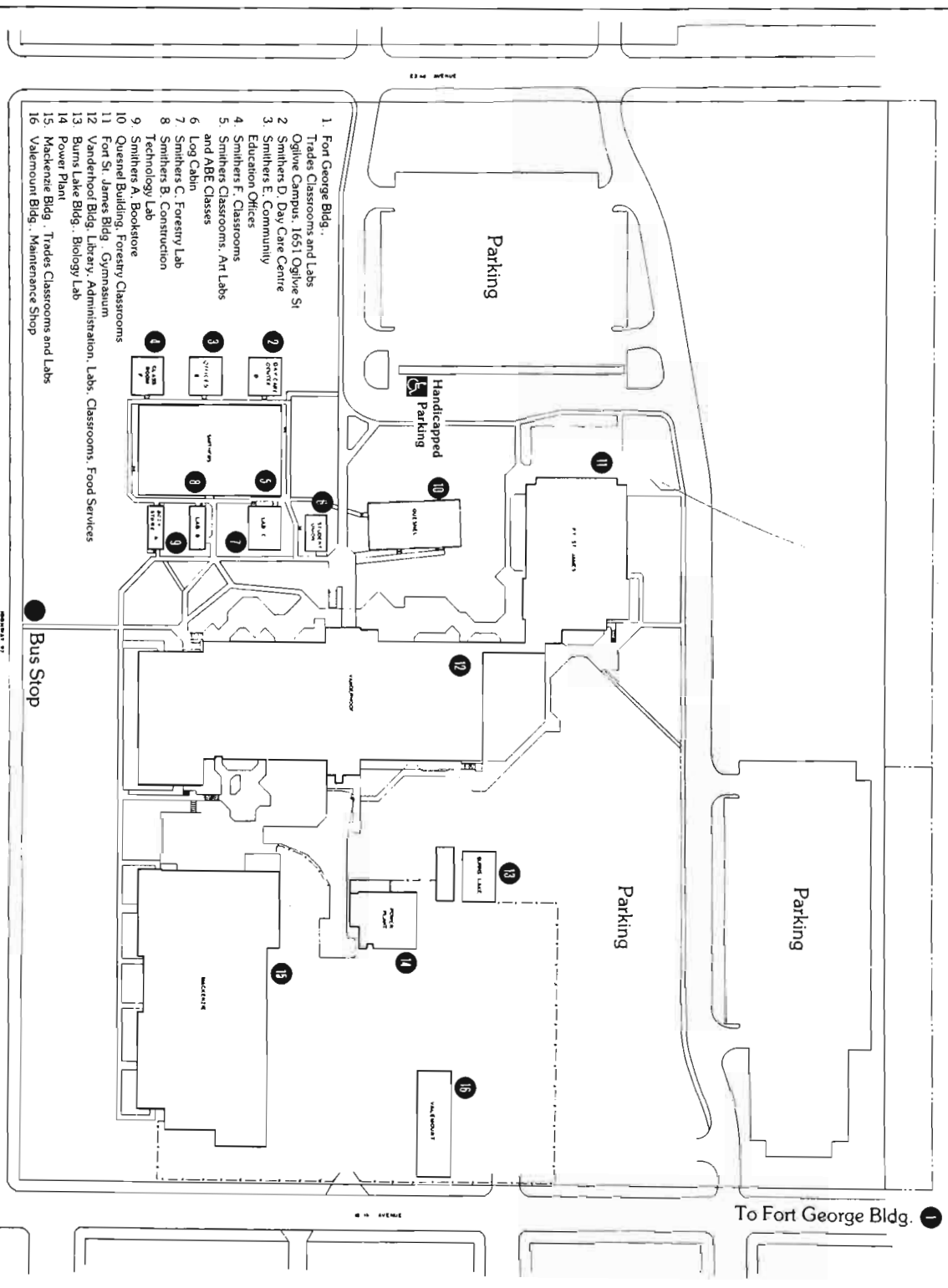
Note 2 — May be substituted for Bus 151/152 portion of Financial Accounting

Note 3 — Usually required as a prerequisite for EDP 251, 252, 253, 256, and 257.

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2. Ogilvie Campus, 1651 Ogilvie St
3. Smithers D. Day Care Centre
4. Smithers E. Community Education Offices
5. Smithers F. Classrooms and ABE Classes
6. Log Cabin
7. Smithers C. Forestry Lab
8. Smithers B. Construction Technology Lab
9. Smithers A. Bookstore
10. Quensel Building, Forestry Classrooms
11. Fort St. James Bldg. Gymnasium
12. Vanderhoof Bldg. Library, Administration, Labs, Classrooms, Food Services
13. Burns Lake Bldg. Biology Lab
14. Power Plant
15. Mackenzie Bldg. Trades Classrooms and Labs
16. Valemount Bldg. Maintenance Shop



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