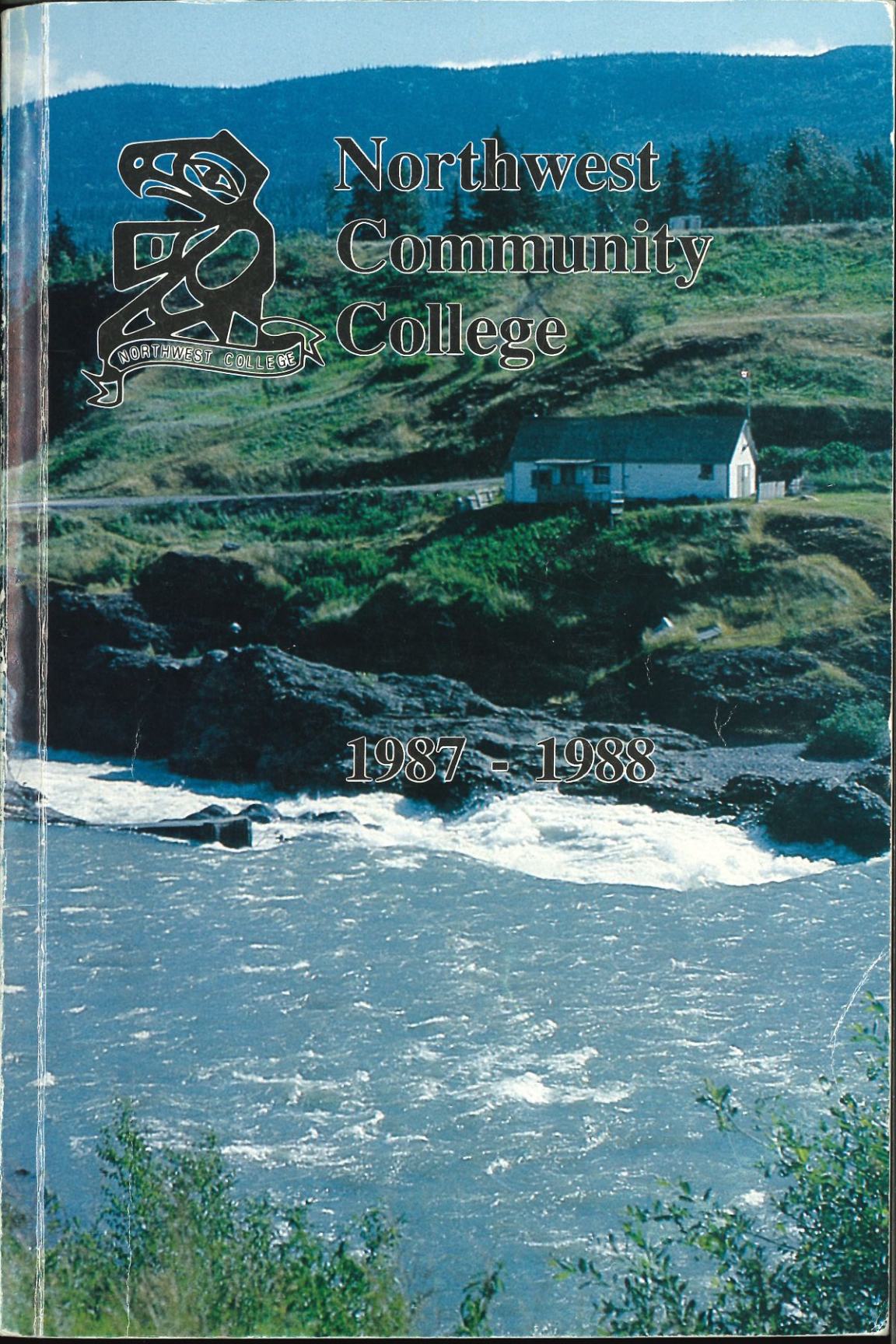




Northwest Community College

1987 - 1988



College Region

The Northwest Community College Region is composed of the following School Districts:

Queen Charlotte Islands	School District 50	Kitimat	School District 80
Prince Rupert	School District 52	Terrace/Hazelton/Stewart	School District 88
Smithers/Houston	School District 54	Nishga	School district 92

Northwest Community College
5331 McConnell Avenue
Terrace, B.C.
V8G 4C2



Northwest Community College Centres

Hazelton
 Omenica Street,
 Box 338,
 Old Hazelton, B.C.
 V0J 2N0
 Telephone: 842-5291

Prince Rupert
 820 - 3rd Avenue West
 Prince Rupert, B.C.
 V8J 3S1
 Telephone: 624-6054

Houston
 3411 - 10th Street,
 Box 1277,
 Houston, B.C.
 V0J 1Z0
 Telephone: 845-7266

Kitimat
 606 Mountainview Square,
 Kitimat, B.C.
 V8C 2N2
 Telephone: 632-4766



Nass Valley
 Nishga School District #92
 Tait Street,
 General Delivery
 New Aiyansh, B.C.
 V0J 1A0
 Telephone: 633-2225

Terrace
 5331 McConnell Avenue,
 P.O. Box 726,
 Terrace, B.C.
 V8G 4C2
 Telephone: 635-6511

Queen Charlotte Islands
 School District #50,
 Box 69,
 Queen Charlotte City, B.C.
 V0T 1S0
 Telephone: 559-8475

Smithers
 1070 Main Street,
 Box 3606,
 Smithers, B.C.
 V0J 2N0
 Telephone: 847-4461

Stewart
 Stewart Secondary School
 Stewart, B.C.,
 V0T 1W0
 Telephone: 636-2238

Welcome to
Your Community College
Thirteenth Annual Calendar
1987 - 1988

Publisher: Information Office, Northwest Community College
Editor: Betty Kofoed
Editorial Committee: Betty Kofoed, Norbert Hartig, Carol Olson
Photos: Nancy Patrick

Cover Photo by Gary Baker, Terrace, B.C.

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General Information

Important Dates to Remember

	1987		1988
Wed., July 1	Dominion Day College Offices CLOSED	Fri., January 1	New Year's Day College Offices CLOSED
Mon., Aug. 3	B. C. Day College Offices CLOSED	Mon., Jan. 4	Registration. Commencement of classes.
Sept. 3 & 4	Advising & Registration	Mon., Jan. 11	(All programs except Academic, HSW & ECE).
Thurs. & Fri.	begins for Academic, HSW, ECE programs. (Full-time students may pre- register during the summer months.)	Fri., Jan. 22	Academic, HSW & ECE classes begin.
Mon., Sept. 7	Labour Day College Offices CLOSED. Residence staff will be on duty to accommodate arriving students.	Fri., Feb. 19	Last day for late registration in Academic, HSW and ECE programs. Last day for changing classes in Academic, HSW and ECE programs.
Tues., Sept. 8	Registration. Commencement of classes for Academic, Career, and Vocational programs beginning in September.	Fri., April 1	Last day for official withdrawal from Academic, HSW and ECE programs. Good Friday College Offices CLOSED
Fri., Sept. 18	Last day for late registration for Academic, HSW and ECE programs. Last day for changing classes for Academic programs.	Mon., April 4	Easter Monday College Offices CLOSED
Mon., Oct. 12	Thanksgiving Day College Offices CLOSED	Fri., April 22	Last Day of classes for Academic and HSW programs.
Fri. Oct. 23	Last day for official withdrawal from Academic, HSW and ECE programs.	Mon., April 25	Practicum begins for HSW & ECE.
Wed., Nov. 11	Remembrance Day College Offices CLOSED	Mon., May 23	Victoria Day College Offices CLOSED
Mon., Dec. 21	Last day of classes for Acd., HSW and ECE programs.	Fri., June 3	Practicum ends for ECE.
Thurs., Dec. 24	Last day of classes for Vocational, Adult Basic Education, Bus. Education and Electronic Programs.	Mon. June 6	June Intensive session for ECE begins.
Dec. 24 - Jan. 3	Residences and Cafeteria will be CLOSED		
Dec. 25 & 28	Christmas College Offices CLOSED		

Northwest Community College 1987 - 1988 Board Membership

Appointed by the Lieutenant-Governor in Council

Ernie Hill, Sr. Prince Rupert	Mrs. Judy Jephson Terrace	Terry Bennett Smithers	Duane Gould Sandspit
Ms. Joanne Monaghan Kitimat	William J. Smith Prince Rupert	Mrs. Marjorie Spisak Nass Camp	

Board meetings are usually held monthly. Agendas are posted throughout the College. Students are welcome at board meetings.

Statement of Philosophy

General Responsibility

Northwest Community College assumes general responsibility for all the valid educational and training services that are beyond the responsibility of the School Districts that exist in the College region.

Decentralization

Northwest Community College is committed, wherever it is financially and physically feasible, to decentralize educational and training services so that the opportunities are equitably shared by residents of the region. The College believes that access to these services can be facilitated where appropriate by utilization of modern technological developments in education.

Provincial Responsibility

Northwest Community College's primary concern is with serving the needs of residents in its region. However, the College recognizes that, as part of the provincial educational system, it has a responsibility wherever possible to serve special needs of residents outside the College region.

Assessment of Needs

Northwest Community College recognizes its mandate to provide for educational and training needs of all people in the College region by striving to facilitate access to the appropriate educational and training programs and services. To this end, the College actively seeks input from all segments of the community; it is especially responsive to recommendations made by advisory committees established by the College.

Relationships with Other Organizations

When deemed appropriate, Northwest Community College cooperates with other educational and training organizations, both within and outside the region, in order that the best services possible might be provided.

Presentation of Services

Northwest Community College strives for excellence in all the services it provides. It is committed to development of delivery systems that provide educational and training services for the people where they live and work. When considering the delivery systems to be used, the College is concerned not only with cost effectiveness but also with the quality of instruction.

Community Education

Northwest Community College recognizes its responsibility to aid in the development of citizens who can participate fully and effectively in society in general and in their individual communities.

Governance of College

The governance and operation of Northwest Community College reflects the legitimate concerns of all elements within the College and in all the communities it serves.

Accountability

Northwest Community College recognizes that it is a public institution utilizing public money for its operation, and that therefore it must be accountable to the public in everything it does. To this end, the operations of the College are open to public scrutiny. The College recognizes its responsibility to ensure that proper evaluation takes place in everything it does and that self-renewal is an ongoing obligation.

Structure of the College

Northwest Community College is organized into three Divisions. Each Division is headed by an Executive Director who reports to the President; the President, in turn, is responsible to the College Board for the management of the College. The College Board is ultimately responsible for all aspects of the operation of the College. It is appointed under and carries out its responsibilities according to the College and Institute Act. The Board has nine members appointed by the Minister of Education to represent the communities in the College region.

The Administrative Division, headed by the Bursar, is responsible for the aspects of the administration of the College that are not directly related to programs and program services. The Division administers such areas as: accounting, purchasing, data processing, facilities maintenance, security, residences, personnel services, student registration and record keeping, counselling, cafeteria and book store.

The Program Division is headed by the Executive Director of Programs. It is responsible for all educational and training programs except general interest and community education courses.

The Regional and Program Support Services Division is headed by an Executive Director. The Division has jurisdiction over the Regional Centres; it also is responsible for Media Services which includes the Learning Resources Centre, Audio-Visual Services and Distance Education Services.

College Faculty and Staff

Terrace

Senior Management and Staff

Dr. Val George	President
Geoff Harris	Bursar
Betty Nordstrom	Secretary, Administrative
Fred Wilson	Executive Director, Programs
Barbara Hanley	Secretary, Programs
Gary Baker	Executive Director, Regional & Program Support Services
Carol Olson	Secretary, Regional & Program Support Services

Program Administration and Staff

Josephine Patterson	Academic Head
John Noonan	Director, Adult Basic Education
Richard Kilborn	Director, Business & Health
Ben West	Director, Marine Training Programs
Auden Birkedal	Coordinator, Business/Industry Services
Cherralee Roberts	Coordinator, Health Programs
Marilyn Mardiros	Co-ordinator, Northern Native Nursing
Emile Marchand	Coordinator, Trades Training
Cindy Brown	Secretary
Linda David	Secretary
Charlotte Renshaw	Secretary
Helen Robinson	Secretary
Rhonda Ross	Secretary

Program Support Services

Norbert Hartig	Director of Media Services
Dave Bennett	Co-ordinator, Instructional Media
Betty Kofoed	Information Officer
Patti Barnes	Library Assistant
Sylvia Golke	Library Assistant
Penny Llewellyn	Library Assistant
Earla Peden	Library Assistant
Gary Mills	Technician, Audio-Visual
Nancy Patrick	Technician, Audio-Visual
Norlan Beaudry	Electronics Repair, Maintenance

General Administration and Staff

Brian Loptson	Registrar
Bev Kealty	Assistant Registrar, Financial Aid Officer
Francis Sabine	Counsellor
Dianne Bell	Registration Clerk
Lynn Bennet	Registration Clerk
Laura Biagionni	Registration Clerk
Phyllis Tennant	Registration Clerk

General Administration and Staff (Continued)

Peter Crompton	Maintenance Superintendent
Ella Goodlad	Secretary, Maintenance
Bill Mikaloff	Maintenance Staff
Ken Perry	Maintenance Staff
Brian Quinn	Maintenance Staff
Al Reid	Maintenance Staff
Tom Yaeger	Maintenance Staff
Ingo Soltau	Security
Beryl Hales	Residence
Harry Lucas	Purchasing Agent
Lois Gustafson	Payroll Clerk
Linda McMurray	Accounting Clerk
Cynthia Preysor	Accounting Clerk
Joyce Smith	Accounting Clerk
Kress Nelson	Manager, Systems
Donna Marken	Clerk, Bookstore
Norah Ferguson	Clerk, Data Entry
Amanda Checkley	Clerk, Data Entry
Jocelyne Brunet	Switchboard
Mardy Scales	Mailroom
Lil Kenny	Supervisor, Cafeteria
Anne Anaka	Cafeteria
Veronica Burkett	Cafeteria
Rudy Motschilnig	Cafeteria
Virginia Solowoniuk	Cafeteria
Doug Wall	Cafeteria
Joe Botz	Stockperson
Flip Cervo	Stockperson
Jim Daniels	Stockperson
Les Hill	Stockperson
Alan Weston	Stockperson

Academic Instructional Faculty

Larry Dickerson	Psychology
Allen Gottesfeld	Biology/Geology
Carlyle Jagdeo	Chemistry/Physics
Andre Klingner	Psychology
Shannon Mark	Anthropology/Sociology
Josephine Patterson	English/French
Jon Shepard	Biology
Paul Sneed	Anthropology/Geography
George Stanley	English
Jim Stone	Computer Science/Mathematics
Peter Weber	Economics/History/Political Science

Career/Technical Instructional Faculty

Grant Bennest	Business Education
Ester Brisch	Nursing
John Campbell	Business Education
Alice Chen Wing	Nursing
Carole Edwards	Business Education
Rainer Giannelia	Business Education
Rosemarie Goodwin	Early Childhood Education
Fred Hislop	Business Education
Lynn Hughes	Human Service Worker
Jake Muller	Human Service Worker
Larisa Tarwick	Early Childhood Education
Ed Warkentin	Business Education

Vocational Instructional Faculty and Staff

Karen Birkedal	Job Entry
Larry Bolingbroke	Adult Basic Education
Dick Coxford	Carpentry
Peter Haigh	Welding
Bub Hallock	Trac/Common Core
Debbie Holkestad	Experienced Base Vocational Preparation
Ron Kurylowich	Electronics
Bruce Mackee	Heavy Duty Mechanics
Brian Parkes	Cook Training
Jack Perry	Adult Basic Education
Elizabeth Snyder	Experienced Base Vocational Preparation
Bob Sullivan	Adult Basic Education
Del Torgalson	Millwright
Mike Wilcox	Adult Basic Education
Kae Willians	Adult Basic Education
Frank Woodward	Electronics

Regional Centres

Regional Educational Services

Keith Clayton	Coordinator, Nass Centre
Fran Fowler	Coordinator, Queen Charlotte Islands Centre
Eileen Klassen	Director, Smithers Centre
Dave Richardson	Coordinator, Stewart Centre
Margaret Ross	Director, Kitimat Centre
Lois Shannon/Karen Davies	Directors, Upper Skeena Centre
Tanya Widmark	Coordinator, Houston Centre
Bob Wilson	Director, Prince Rupert Centre
Margaret Brown	Secretary, Hazelton
Lola Doering	Secretary, Kitimat
Vena Lawal	Secretary, Prince Rupert
Jean Morris	Secretary, Smithers
June Phillips	Secretary, Houston
Jean Zeller	Secretary, Queen Charlotte Islands

Purpose of this Calendar

This calendar is intended to provide students and the general public with an overview of the programs at Northwest Community College. It is not possible, in a book of this size, to introduce each course or program in great detail. Persons wishing more detail on courses, programs or other information printed in this calendar are invited to contact the Student Services or the Counselling Office at the College.

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.

Admission and Registration

Application Procedure

People wishing to undertake programs at Northwest Community College should complete an Application for Admission form. These forms are available from any College office. The completed form together with any supporting documents should be sent to:

The Registrar
Northwest Community College
5331 McConnell Ave.
Terrace, B.C., V8G 4C2

In courses where there is limited enrolment, applicants will be accepted on a "first apply - first accept" basis, provided that all admission requirements have been met. An acceptance deposit of \$100 may be required to secure seats in some programs. This deposit will be applied to initial fees and is refundable only up to within 2 weeks of the effective start date.

Wait List

In continuous intake programs, those programs into which students may enter whenever space is available, waiting lists will be utilized during periods of high demand for the program. Applicants are encouraged to apply several months in advance of their desired starting time to ensure that they will not be disappointed by possible delays in actual starting time. Only completed applications will be placed on these waiting lists, so students are encouraged to submit all required documentation as quickly as possible, including transcripts or records of previous education.

As it is not always possible for the College to predict the completion or departure dates of students in these programs, it may occasionally be necessary to offer spaces on very limited notice to applicants by telephone in order down the waiting list. People on the waiting list who are bypassed in these circumstances will not lose their position on the list because of their personal inability to enrol on extremely short notice.

Fees & Registration

The following is a general overview of the fees and charges proposed for Northwest Community College, effective September 1, 1987 (Business & Industry, Health and other contract courses will have fees other than the following and will be advertised individually).

Tuition

ACADEMIC - All courses \$22 per credit hour
per semester
MAXIMUM
\$330 per semester

VOCATIONAL - Full-time \$67.00 per month
payable on
semester basis in
advance. (Monthly
payments can be
arranged.)

ABE - Full-time \$67.00 per month
PART-TIME FEES Inquire at College

Other Fees

Late Registration \$10.00
Late Payment \$10.00
Reinstatement \$25.00
Student Association Fee \$1.00/month
Transcript \$1.00 for first and \$.50
(for each additional
ordered at same time)

Deposits: (Refundable)

Residence Deposit \$ 50.00
Voc. Book & Tool Deposit \$ 50.00
Adult Basic Education &
Business Careers Program
Book Deposit \$ 25.00
Acceptance Deposit \$ 100.00

Housing See Index

Tuition Reduction

Senior Citizens (age 65 or over) and registered disabled persons are eligible for tuition-free enrolment in many Northwest Community College courses on a stand-by-basis, provided that space is still available within 24 hours of the commencement of the course. This exemption will not apply to Security or Tool Deposits or to any charges for materials, books and supplies that are levied against other students in the course. Further information on this exemption can be obtained from the Registrar's Office or the Regional Centre nearest you.

Sponsored Students

Students whose fees will be paid by sponsoring agencies are required to present a letter to this effect from the agency concerned at the time of registration. A charge will be made to those agencies failing to supply this and wishing to authorize invoicing by telephone.

Students with Disabilities

As part of its "open door" policy, the College endeavors to make all of its programs available to persons who may have physical disabilities. Because of the College's limited experience in this area, it welcomes inquiries and comments from those who have disabilities and who would like to attend college programs. Prospective disabled students are urged to contact the Counselling Office of the College.

The various services which assist disabled students to participate in the mainstream of programs and activities include counselling, development of compensatory strategies or accommodations, arranging to obtain special equipment, readers, recorded or braille material, notetakers, interpreters for the deaf, campus orientation, and special parking permits.

Registration

Being registered means fully completing the proper forms and paying the required fees and deposits. (Students who are approved to pay fees on a monthly basis are considered to be registering monthly.)

Late Registration and Refund Policy

General Conditions:

1. Full refunds will be made only if a course is cancelled by the College or if a student withdraws from a course for medical or bereavement reasons prior to the course start date.
2. Refunds requested prior to the course start date will be assessed an administration charge of \$10.
3. There will be no refunds for courses with tuition fees of \$10 or less except for those conditions in General Statement #1.

Part-time Courses

(Including all Part-time RES Courses and all Part-time Vocational Courses)

1. Withdrawal before the second class of a course - 100% of tuition fees less a \$10 administration charge.
2. Withdrawal after the second class of a course - NO REFUND
3. Special registration and refund policies apply to courses labelled as "Designated Courses". NO REFUNDS will be made after the pre-registration date unless the space can be sold to another student, in which case the withdrawing student will be refunded 100% of the tuition fee less a \$10 administration charge.

Academic (Part- and Full-time)

1. A \$10 "late registration" charge will be assessed to any student registering after the second class or after the second week in standard semester courses.
2. Withdrawal after second class - 80% of tuition fee less a \$10 administration charge.
3. Withdrawal after third class or fourth class - 50% of tuition fee less a \$10 administration charge.
4. Withdrawal after fifth class - NO REFUND.

Vocational (Full-time)

1. A \$10 "late registration" charge will be assessed to any student registering after the first day of classes in a full-time vocational program.
2. Vocational full-time fees are assessed on a calendar month basis, prorated as necessary in the first and last months.
3. Refunds on withdrawal before completion will be 100% of the unused tuition (part months prorated as above) less a \$10 administration charge. (There will be no administration charge on refunds for students who have completed their program earlier than anticipated when fee payment was made.)

Student Services

Responsibilities of the Student

The accuracy and completeness of registration documents is the responsibility of the student. A student will not receive credit for courses for which he/she is not officially registered.

Personal Medical Insurance

It is the responsibility of each student to ensure that he or she is adequately covered under one of the available Medical Insurance Programs in British Columbia. The College cannot be held responsible for medical or hospital costs incurred by students who have failed to maintain their own coverage. Information and application forms for medical insurance are available at the Student Services Office.

Certificates and Diplomas

Northwest Community College issues a variety of cards and certificates to recognize attendance, completion and/or achievement in many non-credit programs. Full certificates are awarded on successful completion of credit programs in Basic Training, Pre-employment and Career Programs. Diplomas will be awarded on successful completion of the equivalent of four full semesters or two years. Students who believe that they have completed the requirements for a certificate of Diploma should consult with their instructor or Program Coordinator or make application at the Registrar's Office.

Confidentiality of Student Records

The College considers a student's record of achievement to be confidential and will not release information without the student's written consent except under the following circumstances or conditions. Information on students may be disclosed without consent of the student to designated College officials deemed to have legitimate educational interest.

The following information is considered public information and may be released without restriction:

- I) Name
- II) Period of Registration
- III) Program
- IV) Certificates, Diplomas, etc., awarded.

Information will be released without student consent to persons in compliance with a judicial order or subpoena, or as required by federal or provincial legislation.

Information will be released without student consent in an emergency, if the knowledge of that information is required to protect the health or safety of the student or other persons.

Other than in the above situations, information on students will be released to third parties only at the written request of the student, or where the student has signed an agreement with a third party, one of the conditions of which is access to his record (e.g. in financial aid). This restriction applies to requests from parents, spouses, credit bureaus, police, etc.

Students have the right to inspect their academic record and challenge the contents which they believe to be inaccurate or misleading. A staff member will be present during such an inspection. Students will, on submission of a signed request and payment of the appropriate fee, have the right to receive transcripts of their own academic records. Such a right would not apply to students in debt to the College but such students will still have the right to inspect and review their records.

No partial transcripts of a record will be issued. The College will not normally provide students or third parties with copies of other documents on file, e.g. transcripts from other institutions.

Suspension of Students for Disciplinary Reasons

Any student may be suspended from the College for disciplinary reasons. Suspension may be for a given period or indefinitely. A student who has been suspended indefinitely may apply for re-admission to the College at some future date, in which case re-admission will be considered on the merits of the case made by the student for re-admission, but taking into account the suspension and reasons for suspension.

The final decision to suspend a student may be made only by the President, though this action will normally be on recommendation from the Executive Director of Program Services or the Executive Director of Regional and Program Support Services, who, in turn, will normally act on the basis of recommendations from people in their Divisions (e.g. instructors or the Residence Supervisor). All recommendations regarding suspensions of students will be in writing with copies to the student concerned.

Any student who has been suspended and feels that the decision is unjust has the right to appeal to the College Board.

All appeals to the College Board must be submitted in writing to the Chairman of the Board within forty-eight hours of receipt by the student of the suspension notice. The notice suspending the student will inform him or her of the right to appeal and of the procedures to be followed in lodging an appeal.

If a student appeals a suspension decision, he or she will be informed in writing of the time and place for the appeal hearing at least two days before the hearing, though this time period may be waived if the student is agreeable to a waiver in order to expediate the hearing. The notice informing the student of the hearing will also inform him or her of the right to make written and formal presentations to the Board.

The decision of the Board is final and binding on all concerned. The decision will be conveyed in writing to the student, and a copy of the decision, together with copies of all documents pertaining to the decision, will be filed in the student's records.

Students who are suspended and who wish to appeal will not normally be allowed to attend class after the date of suspension and will be allowed to re-enter class only if the Board reverses the suspension decision.

Appeal

Any student who feels that a decision given to him or her from the College may not be just, or that a grade received does not reflect his or her actual achievement, shall have the right to appeal that decision. Students who find themselves in this position should first endeavor to discuss the matter thoroughly with the instructor or staff member involved. If a satisfactory understanding cannot be reached at that level, they may take their concerns to the Chief Instructor or head of the program or department. Further information on appeal procedures may be obtained from the Student Services Office. Appeals of final grades will not normally be considered unless they are received within two months from the time the grades are mailed to students.

Counselling Services

Francis Sabine

Do you have questions about:

- making a career decision?
- matching courses and programs to your career choice?
- university degree requirements?
- financial aid?
- College rules and regulations?

The counsellor is here to help. Phone or drop in for an appointment. Students can come in for personal counselling or receive help in dealing with such student concerns as financial aid, study skills, exam preparation, or anything which may affect student life at the College.

The Counselling Centre has an up-to-date selection of College and University calendars from across Canada. There is also a wealth of information on all types of careers.

Counselling can help when you are faced with decisions that affect your life as a student. Talk to your counsellor. You'll be glad you did.

Learning Resource Centre

Director of Media Services: Norbert Hartig, B.A., M.L.S.

The Northwest Community College Learning Resource Centres are broadly based forums for the exchange of ideas and information. Their purposes are to promote and nurture manifold opportunities for learning. It is the recognized role of these centres to collect and deliver to the instructional programs appropriate learning materials and equipment. Yet, our open doors welcome all citizens of the northwest B.C. community. The Learning Resource Centres, therefore, are continually developing a relevant, forward-looking collection of books, magazines, newspapers, records, audio and video tapes, films, slides, prints, government documents, maps and photographs. A select inventory of state-of-the-art audio-visual equipment is also maintained. Our local history archive provides in-depth information on Northwest B.C. in the form of antiquarian newspapers, books, maps, photographs and historical tape recordings. While most of these resources are housed at the Terrace Campus, each of the eight Regional Centres maintains appropriate and unique collections and provides access to the holdings in Terrace. Located in the Administration building, the Terrace Learning Resource Centre offers private and group study spaces, a restful reading lounge, conference facilities, audio and video playback equipment, and convenience typewriters. There is also a Photographic Lab available for students and faculty, and our staff produces and distributes instructional video programs. Our enthusiastic staff is dedicated to supporting and assisting you with learning and teaching needs every weekday from 8:00 a.m., most evenings, except Friday, and Sundays.

Health Services

The campus first aid station is located in the Shops building. It is open from 8:00 a. m. to 4:00 p.m. weekdays. Should you require medical services during your stay at the College, call a local physician or the Skeena Health Unit (635-6307) for appropriate referral. Students are encouraged to ensure that they will have adequate medical insurance during their stay at the College.

Housing

Dormitories

Dormitory space is available on campus for 200 students. Most rooms are designed for double occupancy. Each student has a desk, dresser, bed and closet. There are six two-storey dormitories; each floor has a washroom and showers, a lounge, a coin-operated washer and dryer and a pay phone in each building. Meals are available at the Cafeteria.

Students are advised to bring their own linen, but linen can be obtained at the Residence Office for a nominal deposit. Residence living naturally involves some loss of personal privacy and it has been necessary to establish some rules and policies to try ensure that each student's rights are respected. Students who are not prepared to follow these rules and policies are advised to find other accommodations off campus.

Reservations are Required

Students wishing to live in residence must apply in advance to the Residence Office.

Residence Rates

Room charge - double occupancy	
and required in advance	\$ 115/month
- Single room, if available	\$ 165/month
- Programs less than 3 weeks and non-students on approval	\$ 12/day
- Security deposit - all residents	\$ 50
- Reservation Deposit	\$ 100

Rental Accommodation

There is no accommodation available on campus for married students or children. These students should locate their own accommodation in Terrace. Student Services is developing a list of available accommodation. Costs in Terrace range from \$300 to \$600 per month plus utilities.

Food Services

Food services are available seven days a week in the College Cafeteria. Estimates suggest that the average student spends \$300 to \$350 per month on food. In order to offer students some relief against food costs, the College offers a discounted rate on the purchase of meal tickets valued at \$100 or more. Under this plan, students are able to purchase meal tickets (minimum value of \$100) at 90% of their face value, e.g. a student could obtain \$100 worth of meal coupons for \$90. Students preferring to purchase meal tickets in smaller amounts may do so but are required to pay the full face value of the meal ticket.

A \$50 security deposit is required at the time of admission to Residence and is refundable after completing the full formal process of checking out of the Residence, and providing that all College property has been returned and that no damage has been done to the room occupied or to other College property. The dormitories and Cafeteria will be closed during Christmas break.

Public Transportation

Public transportation is available in Terrace from Monday to Saturday. Schedules are available on campus. Discounted Bulk transit tickets are available at the Cashiers Office.

Bookstore

The Bookstore is located on the ground floor of the Cafeteria building adjacent to the student Residence Offices, and the dormitories. The Bookstore sells textbooks and course materials for various College courses and programs, general interest books and magazines, stationery and school supplies, and some novelty items. The Bookstore operates as a mail drop-off point and stamps are available. Each College regional centre also sells the textbooks and course materials relevant to the courses in the area. The College Bookstore will assist companies in acquiring texts for apprentices and in-house training programs.

Bookstore hours are posted on campus and are subject to change from time to time as operational requirements necessitate.

Recreation Facilities

A Recreation Centre exists at the Terrace Campus, and is operated independently from the College. The Centre has two racquetball courts and weight and exercise equipment rooms. Special rates are available to full-time students. In addition, the College has a regulation soccer/football field and a softball diamond. Excellent skiing, both down hill and cross-country, is available within a few miles of the College campus in Terrace. Many of the recreational activities that take place during the year depend heavily on student participation in organization and administration. Students are encouraged to share their experience and expertise in these areas, and are invited to come forward with their suggestions for recreational programs and events. Interested students should contact the Residence Office or the Student Association.

Student Association Message

The Student Association of Northwest Community College normally elects a Students' Council during the first month of the academic year, that is, late September or early October. However, due to the wide variety of Vocational, Academic, and Continuing Education programs offered and their varying respective time requirements, students are constantly completing or enrolling throughout the academic year. For this reason, by-elections may be held to fill vacant positions within the Council and thus ensure a representative student government at all times.

The Students' Council executive consists of elected positions including: President, Vice-President, Treasurer, Secretary and Sports Coordinator. The bulk of the Students' Council and the most important is made up of Class Representatives - one from each class. These representatives are elected by their respective classes and without them there would be no effective student voice. The role of the Class Rep is all-important in the struggle to clarify the rights and interests of the students. But remember, those students who make up the Council cannot be expected to act successfully as an isolated group. They are the voice of the student body and therefore need the support of each and every student. All full-time students pay membership fees upon registration, so make that money work for you. Nomination forms for elected positions must be signed by the nominee and two other students, and are available from the Students' Association returning officer. These positions are educational and also help one to meet people.

Students pay special rates at the Recreation Centre. We may have to use a little ingenuity to create different pastimes, which means working in unison. Some of the activities that can be arranged include hockey, skating, volleyball, badminton and skiing. The Students' Association also arranges dances and outdoor activities. However, enthusiasm and cooperation are the two important factors needed to make it a reality. So get involved and make your stay a successful one!!

Students' Association
Northwest Community College

Regional Education Services

The Regional Education and Program Support Services Division is integral to Northwest Community College's efforts to provide a wide range of educational services throughout the College region. This Division administers regional College centres and provides academic and vocational courses throughout the college region. In addition to these services, Regional Education is responsible for the development and delivery of a wide range of general interest, community education and special interest programs. Regional course offerings are widely publicized using a combination of brochures/flyers, newspapers, radio and TV.

For information on Northwest Community College courses offered in your community, please call your nearest College centre. Regional Education staff welcome and encourage your suggestions for future courses and programs. If you have an idea, please contact them!

Within the Regional Services Division are these specialized program/service departments.

1. Distance Education

At Northwest Community College, we recognize that many people find it difficult to continue their education because they cannot attend regularly scheduled classes. To meet the needs of these people, the College uses distance education methods. Distance Education programs are designed for guided independent study based on the use of print and non-print learning materials. For 1987-1988, Northwest Community College will be offering the following teleconference courses:

- English 101-102
- Biology 101-102
- Sociology 101-102
- Psychology 101-102
- Economics 201-202
- Early Childhood Education (Guiding & Caring of Infants;
Health, Safety & Nutrition)

Teleconferencing enables students in B.C.'s Northwest to take university credit courses in their community by linking them with their instructor and other students in more than one location. Classes will include lectures, interactive seminars, audio and video tapes. A bridging of a series of telephone lines allows everyone to hear and talk to everyone else. Students will meet in their own communities.

Not all courses may be offered at all Centres. For more information on courses offered by the College, please call the nearest College centre.

2. Learning Resource Centre

At each Regional Centre, Northwest Community College has established a Learning Resource Centre with a collection of educational and career opportunities materials. We also have Inter Library Loan services and materials are available from the Terrace Campus. There is Audio Visual equipment on site for educational purposes.



Regional Education Programs

Full time and specialty courses are offered at Regional Centres. For more detailed information on courses, contact your local centre.

Programs offered in Hazelton

September 2, 1987 - Clerk-Bookkeeper, Clerk-Typist, Administrative Secretary and Word Processing.

New students are enrolled as spaces become available.

Adult Basic Education

Programs offered in Houston

Adult Basic Education

Programs Offered in Kitimat

September 2, 1987 - Clerk-Bookkeeper, Clerk-Typist, Administrative Secretary, Accounting Option, Word Processing, Medical Steno., and 1st year Business Administration (transferable to 2nd year at Terrace).

New students are enrolled as spaces become available.

Adult Basic Education

English as a Second Language courses
(A wide variety)

Programs Offered in Prince Rupert

September 2, 1987 - Clerk-Bookkeeper, Clerk-Typist, Administrative Secretary, Accounting Option and Word Processing.

New Students are enrolled as spaces become available.

Aquaculture

(See Fisheries section of this calendar for details.)

Adult Basic Education

Coastal Log Scaling

Learn the theory and practical skills of scaling. This course will include classification of species, measuring of forest products and use of the scale stick. Upon completion you will be prepared to take the Ministry of Forests written and practical exams, to obtain an interior Scaling Licence. Students should have some math skills and knowledge of the metric system.

Fisheries and Marine Training

(See Fisheries section of this calendar for details.)

There will be some 1st year University Transfer courses offered. For more information contact the the Centre office.

Programs offered in Smithers

September 2, 1987 - Clerk-Bookkeeper, Clerk-Typist, Administrative Secretary, Word Processing and Accounting Option.

New students are enrolled as spaces become available.

Adult Basic Education

Wilderness Guiding Skills

This is a very intensive four week course designed to aid people planning to work in the guiding and hunting field in all parts of British Columbia.

How to Apply

Contact the Smithers College centre for dates, times and fees. Write NWCC Smithers, P.O. Box 3606, Smithers, B.C., V0J 2N0, or phone 847-4461.

Regional College Centres & Staff

Hazelton	Lois Shannon/ Karen Davies Regional Directors Box 338, Old Hazelton, B.C. V0J 2N0 Telephone: 842-5291
Houston	Tanya Widmark, Coordinator Box 1277, Houston, B.C. V0J 1Z0 Telephone: 845-7266
Kitimat	Margaret Ross, Regional Director 606 Mountainview Square, Kitimat, B.C. V8C 2N2 Telephone: 632-4766
Nass Valley	Keith Clayton, Coordinator Nishga School District #92 General Delivery New Aiyansh, B.C. V0J 1A0 Telephone: 633-2225
Prince Rupert	Bob Wilson, Regional Director 820 - 3rd Avenue West Prince Rupert, B.C. V8J 3S1 Telephone: 624-6054
Queen Charlotte Islands	Fran Fowler, Coordinator School District #50, Box 69 Queen Charlotte City, B.C. V0T 1S0 Telephone: 559-8475
Smithers	Eileen Klassen Regional Director Box 3606, Smithers, B.C. V0J 2N0 Telephone: 847-4461
Stewart	David Richardson Coordinator Stewart Secondary School Box 218, Stewart, B.C., V0T 1W0 Telephone: 636-2238



Academic Programs

Now is the time to be making your educational plans for Fall 1987.

You may wish to give serious consideration to starting or furthering your education at Northwest Community College.

You should know.

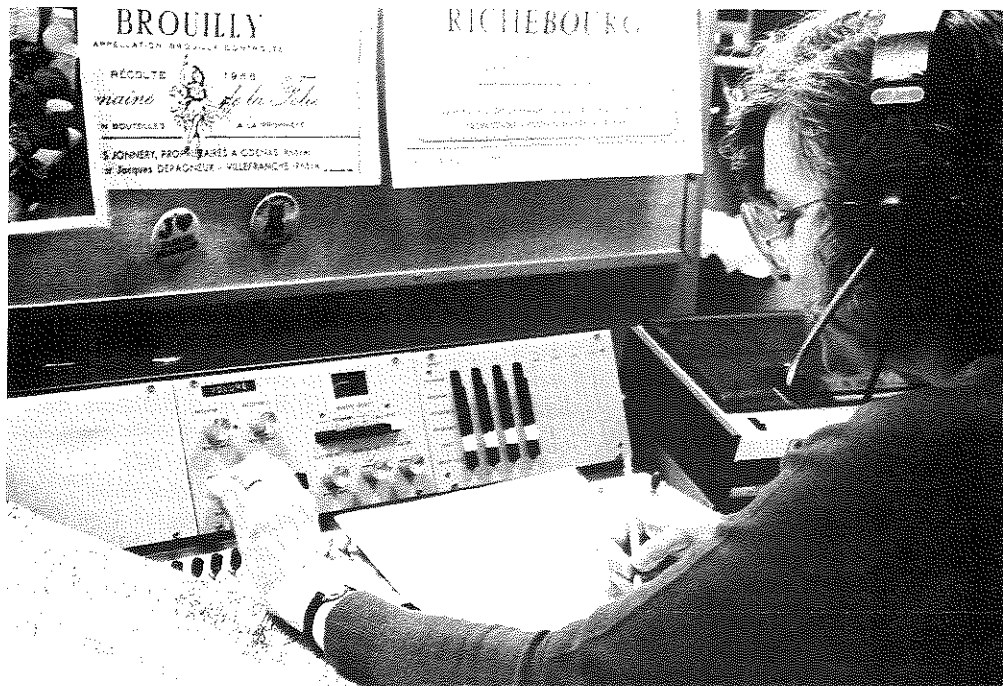
- That we offer a University Transfer Program (a full first year program and some second year courses) all completely transferable to UBC, SFU and UVic.
- That students who transfer from community colleges do as well as, or better than, students who start their education in the universities.
- That our courses are open to everyone regardless of previous educational background.
- That our university transfer program costs less than one-half of what the universities charge.
- That there are student loans and a variety of bursaries available to eligible students.
- That senior secondary students with A, B+, and B averages receive full or partial tuition grants.
- That you can take a course for credit, for interest, for intellectual stimulation or just to meet people.
- That we offer diplomas and certificates in arts and science.
- That our courses form part of the following Career/Technical and Business programs: Early Childhood Education, Human Service Worker, General Business Diploma.
- That there is a core program of University Transfer courses offered as Distance Education course. (See this Calendar or the College Centre in your region for further information.)

If you are interested in quality education that is readily accessible to everyone, please write or call for more information and application forms. Application should be made as soon as possible.

Nature of Program

The Academic Program offers transfer credit courses in science, social science and humanities which lead to the Associate in Science, Arts or General Studies Diploma or prepare you to enter university as an advanced student.

The College promotes the concept of "life-long learning" and in this respect is sensitive to specific educational needs: students may enrol in this program either full-time or part-time.



Diplomas

Upon successful completion of a prescribed course of studies within the Academic Program, graduates are eligible to receive an Associate Diploma. The concentration of courses required for these diplomas is designed for students planning studies beyond the college level.

Diploma Requirements

In order to be eligible for the Associate in Arts, Associate in Science or the General Studies, you must have completed a minimum of **60 credit hours** of course work. Many students register for five courses in each of four consecutive semesters to complete this work. You may, however, vary the number of courses for which you register in any semester and spread the course work over more than four semesters to suit your needs.

The Academic program offers courses in the Science Concentration and Social Science-Humanities (Arts) Concentration (see listing below). To be eligible for a diploma you must select at least 6 credit hours from the courses listed in the Science Concentration and 6 credit hours from the Social Science-Humanities Concentration. In addition, you must complete English 101 and 102 (6 credit hours). These basic requirements account for **18 credit hours**.

Most of the courses carry transfer credit with the B.C. universities and colleges. To be eligible for a diploma, you must meet the above requirements of 18 credit hours and complete at least another **27 credit hours** selected from the other university transfer courses (see Transfer Credit Guide). The remaining 15 credit hours may be accumulated from other courses offered in the Academic program or from courses offered in other programs at the College. Students must have these courses approved by the Registrar.

General Studies Diploma

Successful completion of a minimum 60 credit hours of course work as outlined above is required for the General Diploma.

Associate in Science Diploma

Successful completion of a minimum 60 credit hours of course work as outlined above is required. However, you must have a minimum of 30 credit hours selected from the transfer credit courses in the Science Concentration.

Associate in Arts Diploma

Successful completion of a minimum 60 credit hours of course work as outlined above is required. However, you must have a minimum of 30 credit hours selected from the transfer credit courses in the Social Science-Humanities (Arts) Concentration in addition to English 101 and 102.

Concentrations

Science	Social Science - Humanities (Arts)	
Biology	Anthropology	Political Science
Chemistry	Psychology	Psychology
Computer Science	Economics	Sociology
Geography	English	
Geology	French	
Mathematics	History	
Physics	Philosophy	

Other Considerations

- If you hold a Career Technical or Special Program Certificate from Northwest Community College, you may be credited with up to 30 credit hours towards a diploma.
- If you hold a diploma from Northwest Community College and wish to obtain a second diploma in another concentration, you will have to complete at least a further 30 credit hours of course work at the College.
- To be eligible for a diploma, you must have a minimum Grade Point Average of 2.00.
- To be eligible for a diploma at Northwest Community College, you should have completed the final 30 credit hours at this College. The balance of 30 credit hours may be transferred from other post-secondary institutions.

Related Career Programs

Requirements for certificates in Early Childhood Education and Human Service Worker and the Diploma in General Business are listed in the respective sections of the calendar.

Programs and Concentrations

At Northwest Community College, the option to prepare for various bachelor degree programs or major concentrations exists.

Program or Major	Recommended Courses*
Commerce Program	Economics 201/202; English 101/102; Math 101/102 and two electives.
Criminology	English; Sociology; Psychology; Political Science; and elective.
Engineering Program	Chemistry 101/102; Math 101/102; Physics 101/102; Computer Science 112; English 101/102 and elective.
Forestry program	Biology 101/102; Chemistry 101/102; Computer Science 112; Physics 101/102; Math 101/102; and English 101/102.
Nursing	Biology; English; and electives.
Pharmacy Program	Chemistry 101/102; Biology 101/102; Math 101/102; English 101/102; and elective.
Psychology major	Year 1: Psychology 101/102; Math 130/131; English 101/102; and electives. Year 2: Psychology 211/212; Psychology 231; Psychology 201/202 or Psychology 221/222; English 201/202; and electives.
BA, BFA, BEd, BSW, BSc, etc.	English 101/102; four to six required courses; and electives. English 101/102; Math 101/102; Chemistry 101/102; Physics 101/102; and elective. (Biology 101/102 if life sciences).

*These are recommendations only. Students should consult the Academic Head, an Academic Instructor, or College Counsellor for assistance in planning his or her program at the College.

Admission Requirements - Open Door

The Academic Program has an "open door" admissions policy and the College will, in general, not require a specific educational background except for some Science courses. Students coming from high school are normally expected to have completed Grade 12. Courses are designed for students who intend to proceed to a first degree at a university, for those in related Career Programs and for those who wish to further their intellectual interests. Some students may have been out of formal schooling for some time. This latter group forms a large and successful portion of the student body. Counselling is available to assist students in selecting their course of study.

Course Offerings

A timetable and detailed description of courses to be offered and their location will be available from local College centres in early August and November.

Prerequisites

Unless a course specifically requires a prerequisite, the course is open to any student of the college.

Academic Advising

Prior to registration, prospective students are encouraged to discuss questions about courses and programs with the instructors or a counsellor. College Centres in each area have information on programs available at most institutions in B.C. Students are strongly advised to make themselves aware of the requirements of the institutions to which they wish to transfer. The final responsibility for the selection of courses and programs rests with the student.

Transfer Credit for Students Previously Enrolled in Another Post-Secondary Institution

In general, students who have begun a degree program at a university and who expect to obtain transfer credit at a university for Northwest Community College courses must arrange their program in consultation with the appropriate university officials before applying to Northwest Community College in order to obtain the desired university credits. Such students are asked to submit copies of relevant correspondence with the application form in order to obtain assistance in selecting courses which will fulfill their desired educational objectives.

How to Apply

Application for admission should be made on forms available in this calendar or from the Registrar's Office in Terrace and College centres in other communities in the region. Personal interviews can be arranged for all applicants who require information or counselling. Late applications will be considered on an individual basis.

Return completed application forms to:

The Registrar

Northwest Community College

5331 McConnell Ave.

Terrace, B.C.

V8G 4C2

(Telephone: 635-6511)

Fees

See General Information section.

Financial Aid and Sponsorship

See Financial Aid section.

Registration

All students should register in person on or before the dates given in this calendar or in the local Community Education Bulletin. Evening course registration sessions will be held during the first two weeks at the beginning of each semester.

Full-time students must bring with them either:

- (a) the letter of admission sent by the College on acceptance of application, or
 - (b) complete official records of secondary school and further academic work where applicable.
- Registration is not complete until the semester fees are paid in full.

Course Changes, Withdrawals

A student wishing to add, drop or change a course must complete the necessary forms available from the Registrar. Changes in programs must be made by the dates specified for those changes in this calendar.

A student may withdraw from any course by filling out a withdrawal form with the office of the Registrar. After the specified date, withdrawals will be permitted only under exceptional circumstances, and only with the approval of the instructor. Students who drop a course without officially withdrawing will receive a final grade of F.

Permanent Record and Withdrawal from Classes

Students enrolled in full/part-time credit programs are advised that a permanent record of their work at Northwest Community College will be maintained. Students who apply for admission to any other post-secondary institution will be asked to supply an official transcript of their record at this College. It is most important, therefore, that students electing not to complete any course(s) have undertaken to notify the College in writing of their withdrawal. Students who fail to notify the College or who withdraw after the deadlines in this calendar without giving adequate reason for their withdrawal may show a failure on their Permanent Record.

Transcripts of Permanent Record

Northwest Community College regards the individual's record as a personal and private document. Therefore, no transcripts are released without the written authorization of the individual concerned. Official transcripts which bear the signature and seal of the Registrar are sent only upon the student's written request to employers, educational institutions and other authorized agencies. One official transcript will be sent by the College free of charge for each semester attended. For additional copies, a \$1.00 fee will be charged for the first copy and 50 cents for each additional copy ordered at the same time.

Statement of Grades

Students will receive their grade statements by mail as soon as possible after the end of the semester. Statements of grades are mailed to the home address unless the Registrar is advised otherwise.

No statement of grades, diploma or certificate will be issued until the student has cleared up all obligations to the College in the way of fees, overdue library books, or outstanding fines.

Grades

For Academic courses, a letter system is used to record achievement of students. (Each grade is assigned a numerical weight or grade point which is used to determine the grade point average.)

Letter Grade	Numerical Equivalent	Interpretation
A	4.0	Outstanding achievement
B	3.0	Above average achievement
C	2.0	Average achievement
P	1.0	Below average achievement
F	0.0	Failure - no credit
I		Incomplete grade

+ or - adds or subtracts 0.33.

Grade Point Average

Grade points are established by multiplying the credit hours of the course by the numerical equivalent of the letter grade. The grade point average for the year is obtained by dividing the total number grade points by the total number of credit hours.

Incomplete Grade

An incomplete grade signifies that a portion of required course work has not been completed and evaluated in the prescribed time period due to unforeseen but fully justified reasons and that there is still a possibility of earning credit. It is the responsibility of the student to bring pertinent information to the instructor and to reach agreement on the means by which the remaining course requirement will be satisfied. A final grade is assigned when the work agreed upon has been completed and evaluated.

An incomplete grade given in either Fall or Spring semester must be made up within five weeks after the end of the Spring semester. Failure to complete the assigned work will result in the incomplete grade being counted as the equivalent to an F grade.

Auditor (Non-Credit)

It is possible to audit most of the academic courses offered by Northwest Community College. It is not necessary for auditors to meet academic requirements for admission or to submit transcripts of previous education with the application form.

An auditor must register and pay fees. Auditors do not ordinarily write examinations nor hand in class assignments but may voluntarily participate in all aspects of the course. Record of courses audited is made on a student's permanent record.

A student may change from Audit to Credit or from Credit to Audit status only before the last date for official withdrawal from courses.

Appeals

See General Information section.

Advanced Placement

Advanced placement to a more advanced level of a sequence of courses in a subject area may be granted on admission as a result of an applicant's previous work. Although a student may be granted exemption from the usual prerequisite course as a result of advanced placement, credit may not be granted for the prerequisite course.

Of Interest to University Transfer Students

Transfer To and From Other Institutions

1) Colleges

All B.C. colleges generally accept each other's credits upon transfer if an equivalent course exists at the admitting college.

2) Universities in B.C.

For course equivalencies at UBC and UVic, students should consult the counsellor for assistance in ascertaining specific university requirements (university calendars are available to students). The general standards for transfer are as follows:

- No grades less than "C" are assured of credit.
- A cumulative Grade Point Average of at least 2.0 is required.
- Students may not normally transfer more than 60 college credits to a university.

The Academic Curriculum Committee carefully reviews the curriculum to ensure a variety of course offerings and acceptable university equivalency.

Numbering System

The numbers listed for each course in this calendar indicate the course number and the credit units per semester. A full-time student taking a full load of five courses per semester would obtain 30 credits in each academic year. Part-time students obtain the same credits over a longer period of time. Students are not encouraged to enrol in more than 15 credits each semester.

Please Note: Simon Fraser University operates on a semester system as does this College, while the University of B.C. and the University of Victoria operate on a year system; eight-month academic therefore: 30 College credits equal 30 credits at SFU or 15 units at UBC or UVic.

Following each course description is a series of three numbers, e.g. (3, 3, 0). The first number represents the number of hours per week in lecture; the second, the number of hours per week in laboratory; and the third, the number of hours per week in tutorial.

Transfer Credit Guide

The following Transfer Guide is printed as an unofficial summary of the transfer guides published by UBC, SFU, and UVic. Students should consult the university transfer guide for detailed information. Students are encouraged to choose their courses in consultation with a counsellor.

Note: This Guide is up to date only as of April 1, 1987.

NWCC	UBC	SFU	UVic
Anthropology			
101/102	Anth (1.5) ea. 2nd yr.	G.E. Arts (3)/S.A. 170 (3)	Anth 100A (1.5)/ Anth 100B (1.5)
103			Anth 100 Level (1.5)
104			Anth 100 Level (1.5)
111/112	Anth (1.5) ea. no cr. for Both 112 and UBC Anth 301	G.E. Anth (3)/S.A. 140 (3)	Anth 100 Level (1.5) ea.
201/202	Anth (1.5) ea.	Anth (3) 200 Level ea. or SA 270 (3)/Anth (3) 200 Level for both	Anth 200A (1.5) or Anth 200A Level (1.5) for both
Archaeology			
101/102	Anth (1.5) ea.		
Art			
101/102	F.A. 181 (3)	101-104 Gen. Elect.	Art 100 (3)
103/104	F.A. 125 (3)	Visual Art Studio (3) ea.	H.A. 100 Level (1.5) ea.
151/152	F.A. 125 (3)	Gen Elect Art Hist (3) ea.	F.A. 100 Level (3)
153/154		Gen Elect Art Hist (3) ea.	H.A. 100 Level (1.5) ea.
201/202	F.A. 181 (3)	Gen Elect Art Hist (3) ea.	Art 210 (3)
Biology			
101/102	Biol. 102 (3)	Bisc. 102 (3)/Bisc. 101 (3)	Biol. 150 (3) or 100 Level (1.5)ea.
151	Biol. 2nd yr. (1.5)	Gen. Elect. Bisc (3)	Biol. 100 Level (1.5)
212	(Precludes credit for Bio. 311)	Bisc. 3	Biol 200 Level (1.5)
228	Biol. (1.5) Unassigned	Bisc. (3)	Biol. 200 Level (1.5)
Business Careers			
150/151 250		Cmpt. 001 (3)/Cmpt. 100 (3) No Credit	

NWCC	UBC	SFU	UVic
Chemistry			
101/102	Chem 110 (3)	Chem. (3) ea./See SFU Guide for both	Chem 101/102 (3) or Chem 100 Level (1.5) ea.
Classics			
101/102	Clas St. (1.5) ea.	Gen. Elect. Class (3) ea.	Clas 100 (3) or (1.5) ea.
Comp. Sc.			
111/112	Com. Sc. (1.5)/ Comp. Sc. 114 (1.5)	Cmpt. 100 (3)/Cmpt.103 (3) Cannot receive credit for both 111 & 112	C. Sc. 100 (1.5)/ C.Sc. 100 Level (1.5)
121/122	CPSC 114 (1.5)/CPSC (1.5)	Cmpt. 103 (3)/Cmpt. (3)	C. Sc. 110 (1.5) C. Sc. 115 (1.5)
151	Comp. Sc. (1.5)	Cmpt. 001 (3)	C. Sc. 100 (1.5)
Economics			
101/102	Econ. 101/102/120 1.5 ea. to a max. of 3	Econ. 200 (3)/ Econ. 205 (3)	Econ.100(1.5) ea. & also Econ.100 Level (1.5) if both taken
120		Econ. 102 (3)	Econ. 100 Level (1.5)
201/202	Econ. 100 (3)	Econ. 200 (3)/ Econ. 205 (3)	Ecol. 201 (1.5)/ Econ. 202 (1.5)
210	As 101/102/120	Econ. 101 (3)	Econ. 100 Level (1.5)
English			
101/102	Engl. 100 (3)	Engl. (3) ea. plus exemption	Engl. 121 (1.5)/ Engl. 122 (1.5)
109/110	CR. WR. 202 (3)	Engl. (3) ea. Level (1.5) /CR.	CR. WR. 100
151	No transfer	No transfer	WR. P.C. (1.5)
152	No transfer	Gen. Elec.-English (3)	Engl. 225 (1.5) Ed-B 100 (1.5) Nat. Teach. Tr. Only
201/202	Engl. 201 (3)	Engl. (3) plus exemption/ Engl. 206 (3)	Engl. 200 (3)
203/204 224/225	Engl. 202 (3) Wmst. 244 (3) or (1.5) ea. Unassigned Arts	Engl. 221 (3) ea. Engl. (3) ea.	Engl. 202 (3) Engl. 200 Level (1.5)/ W.S. 200 (1.5)
103		Engl. (3)	Engl. 115 (1.5)

NWCC	UBC	SFU	UVic
French			
101/102	Fren. 105 (3)	Fren. 101/102/103/104 (3)	Fren. 100 (3)
107/108	Fren. 110 (3)	See SFU Transfer Notes	Fren. 160 (3)
110/111	Fren. 120 (3)	pending	Fren. 180 (3)
103/104	Fren. 105 (3)		Fren. 100 (3)
Geography			
101/102	Geog. 200 (1.5)/ Geog. (1.5)	Geog. 141 (3)/ Geog. 101 (3)	Geog.101B (1.5) Geog.100 Level (1.5)
205	Geog. (1.5)	*Geog. (3)	Geog. 200 Level (1.5)
228	Geog. (1.5) ea.	Geog. 263 (3)	Geog. 200 Level (1.5)
241/242	Geog. (1.5) ea.	*Geog (3)/Geog. 121 (3)	Geog. 200 Level (1.5) ea.
257	Geog. (1.5)	Geog. (3)	Geog. 100 Level (1.5)
284	Geog. (1.5)	Geog. (3)	Geog. 205A (1.5)
290	Geog. (1.5)	Geog. (3) *If both 205 and 241 complete Geog. 262 (3) Geog. (3)	Geog. 100 Level (1.5)
Geology			
101/102	Geol. (3) unassigned	APPL. withdrawn	Geol. 200 (3)
157/158	Geol. 105 (3) for both or Geol. (1.5)/no credit	Geol. 112 (3)/ (G.E.)Phys. Geog. (3)	Geol. 100 (3)
History			
101/102	Hist. 125 (3)	Hist. (3) ea.	Hist. 200 Level (1.5) Hist. 242 P.C. (1.5)
103/104	Hist. (1.5) ea.	Hist. 224 (3)/ Hist. 225 (3) Hist. 242	Hist. 200 Level (1.5) P.C. (1.5)
105/106	Hist. 135 (3)	Hist. 101 (3)/ Hist. 102 (3)	Hist. 230 (3)
131		Hist. (3)	Hist. 200 Level (1.5)
132	Hist. (1.5)	Hist. (3)	Hist. 200 Level (1.5)
133	Hist. (1.5)	Hist. (3)	Hist. 200 Level (1.5)

NWCC	UBC	SFU	UVic
History (Continued)			
153	Anth. (1.5)	Hist. (3)	Hum. 100 Level (1.5)
201/202	Hist. (1.5) ea.	Hist. (3) ea.	Hist. 200 Level (1.5) ea.
203/204	Hist. (1.5) ea.	Hist. (3) ea.	Hist. 200 Level (1.5) ea.
211/212	CL ST 331 (3)	Hist. (3)	Clas. 100 (3)
231	Hist. (1.5) Unassigned	Hist. (3)	Hist. 200 Level (1.5)
251	-	Hist. (3)	Hist. 200 Level (1.5)
HSW			
266	no credit	Psyc. (2)	Individual credit only
268	Pending	Psyc. 355 (3)	Psyc. 200 Level (1.5)
Labour			
161	No credit	No credit	
207/208	Soci. (1.5) ea. 1st or 2nd yr	S.A. (3) or S.A. (1) for one	
220	No credit	No credit	
221	No credit	No credit	
Ling. 109	Ling. (1.5)	Ling. 230 (3)	Ling. 108 (1.5)
Management 251			Bus. 270 (3)
Math			
101/102	Math 100 (1.5)/ Math 101 (1.5)	Math 151 (3)/Math 152 (3) note warning in guide	Math 100 (1.5)/101 (1.5)
111/112	No credit	Math 100 (3)	Math 012 (0)
121	C. Sc. 101 (1.5)	Cmpt. 103 (3)	C. Sc. 110 (1.5)
130/131	Math 130 (3) for both or no credit/Stat 203 (1.5)	Math (3) ea.	Math 151 (1.5) Stat 100 Level (1.5)
150/151		Math (3) ea.	Level (1.5)
190		Math 190 (3)	
Music			
101/102	Music 326 (3)	G.E. Music Hist. (3) ea.	Music 115 (3)
N. W. Studies			
101/102			Hum. 100 Level (1.5) ea.

NWCC	UBC	SFU	UVic
Philosophy 101/102	Phil. 100 (3) Phil. 120 (3)	Phil. 100 (3)/ 100 Level	Phil. 100 (3) or (1.5) ea. Phil. 100 (3)
103/104		Gen. El. Phil. (3)/Phil. (3)	Phil. 100 (3)
Physics 101/102	Phys. 110 (3)	Phys. 101 (3)/Phys. 102 (3)	Phys. 102 (3)
Poli. Sc. 101/102	Poli. 200 (1.5)/ Poli. 202 (1.5)	Poli. 121 (3)/ Poli 212 (3)	Poli. 100 Level (3) or 100 Level (1.5) ea.
203/204	Poli. (1.5) ea.	Poli. 241 (3)/ Poli 251 (3)	Poli. 240 (1.5)/ Poli. 250 (1.5)
Psychology 101/102	Psyc. 100 (3)	Psyc. (3) ea. or Psyc. 101 (3) Psyc. (3) for both	Psyc. 100 (3) or Psyc. 100 Level (1.5) ea.
201/202	Psyc. 301 (3)	Psyc. (3) ea. or Psyc. (3)/ G. E. Psyc. (3) for both	Psyc. 200 Level(1.5) ea.
211/212	Psyc. 200 (3)	Psyc. (3) ea. or Psyc. 201 (3)/Psyc. (3) for both	Psyc. 200 Level (1.5) ea.
221/222	Psyc. (1.5) ea. but no credit for UBC Psyc. 300 (221) /401 (222)	Psyc. 340 (3)/Psyc. (3)	Psyc. 200 Level (1.5) ea.
Social Work 200			Soc. W. 200 A & B (3)
Sociology 101/102	Soci. 200 (3)	S.A. (3) ea. 100 div. or S.A. 150 (3)/ S.A. (3) 100 div. for both	Soci. 100 (3) or 100 Level(1.5) ea.
201/202	Pending	W.S. (3) ea.	Soci. 200 Level (1.5) ea.
203/204	Soci. (1.5) ea. [See SFU [Transfer Notes	S.A. (3) 200 div. Level (1.5) ea.	Soci. 200 Level (1.5) ea.
205/206	Soci. (1.5) ea.	S.A. (3) ea. 200 div. 203-206 S.A. (3) 200 DIV. [See SFU Transfer Notes]	Soci. 200 Level (1.5) ea.

NWCC	UBC	SFU	UVic
Sociology (Continued) 207/208	Soci. (1.5) ea.	S.A. 100 (3)ea. or S.A. 100 (3)/S.A. (3) 100 div.	Soci. 200 Level (1.5) ea. Soci. 200 Level (1.5) ea. Soci. 200 (3)
209/210	Soci. (1.5) ea.	S.A. (1) ea. or S.A. 100 (3) for both	Soci. 200 (3)
211/212	Soci. 1.5 ea.	Gen. Elec. Soci. (3) ea. for Wmst. Cr. apply to W.S. Committee	Soci. 100 Level or 200 Level (1.5) ea.
217/218	Soci. (1.5) ea.	S.A. 100 (3) ea. or S.A. 100 (3)/S.A. (3) 100 div. for both NOTE: no credit for both 207/208 & 217/218	Soci. 200 Level (1.5) ea.
Women's St. 101/102	101-104 Socio. (1.5) ea. to a max of 3 units	W.S. (3) ea. 200 div. W.S. 200 (3)/W.S. (3) 200 div.	No equiv. Hum. 100 Level (1.5) ea.
103/104		W.S. (3) ea. 200 div.	Hum. 100 Level (1.5) ea.
110/111	Soci. (1.5) ea.	W.S. (3) ea. 200 div.	Hum. 100 Level (1.5) ea.
201/202	Same Crse. as Soci. 201/202	W.S. (3) ea.	Same Crse. as Soci. 201/202
211/212	Same Crse. as Soci. 211/212	Apply to W.S. Committee	Same Crse. as Soci. 211/212
224/225	Wmst. 224 (3) or Arts (1.5) ea.		

Distance Education

The Academic Department at Northwest Community College will be offering the following Academic Distance Education courses:

English 101 - 102 Sociology 101 - 102
Biology 101 - 102 Psychology 101 - 102
Economics 201 - 202

Distance Education enables students in B.C.'s Northwest to take university credit courses in their community. Teleconferencing instruction and seminars link them with their instructor and other students in more than one location.

Classes will include print packages, lectures, interactive seminars, audio and video tapes. A bridging of a series of telephone lines allows everyone to hear and talk to everyone else. Students will meet in their own communities.

Course Descriptions:

Not all Courses
may be offered in 1987/88

Anthropology

Shannon Mark - B.A., M.Ed. (UBC)
Paul Sneed - B.A. (U. of California),
Graduate Studies (UBC)

Anthropology is the study of humans, emphasizing a cross-cultural and comparative approach. The discipline attempts to trace the physical evolution of humankind, and the historical patterns and traits as they occur in diverse societies, and to provide in-depth studies of specific cultures.

Today, many people are questioning our way of life and looking for ways to change it. As a result, they are looking for alternative solutions to our problems. Anthropology is a way of critically analyzing our lifestyle and seeing possible changes for our society by comparing it with others. A look at the agricultural practices of the Tsembaga Maring of New Guinea might help us be more efficient in our own food production systems. A study of the architecture and organization of a Pueblo village may help us deal with the modern problems of urbanization. A review of the belief in gods and ghosts in the mountains of Tibet may help clarify the pros and cons of becoming more or less religious. In short, the study of anthropology can help us understand who and what we are and where we may be going.

Anthropology 101-3:

Introduction to Physical Anthropology and Archaeology

A general introduction to human biological and cultural history. Students will examine the concepts of evolution, genetics, animal behaviour and race in an attempt to understand what makes us human. (3, 0, 0)

Anthropology 102-3: Introduction to Social and Cultural Anthropology

In this general introduction, we will study how people around the world solve the basic human problems of making a living, organizing, raising children and dealing with the supernatural. (3, 0, 0)

Anthropology 111-2: Native People of Canada

A course dealing with the nature and diversity of Canadian Indian and Inuit traditional cultures and lifestyles. We will also examine the history of European colonialism in Canada and the impact it had on Canadian native peoples. Finally, we will review some of the important issues in contemporary native affairs. (3, 0, 0)

Anthropology 112-3: Indians of British Columbia

This course is an introductory study of native Indian peoples of B.C. from the time prior to contact with the Europeans to the present. Emphasis will be placed on examination of the traditional societies and the history of the European colonial impact. Finally, selected current issues such as land claims, education, aboriginal rights, Indian status and political actions will be discussed. (3, 0, 0)

Anthropology 201-3: Social Organizations I

A survey of world cultures representing different ecological and sociological adaptations. Economic, social, political and religious systems will be examined. Special emphasis will be placed on an anthropological analysis of Canadian cultures including the Quebecois and Native peoples. (3, 0, 0)

Anthropology 202-3: Social Organizations II

A continuation of Anthropology 201, with emphasis on anthropological analysis of modern complex societies. We will examine the rise of industrialism and the spread of European colonialism and the effects of these developments on various aboriginal and Third World peoples throughout the world. (3, 0, 0)

Biology

Allen S. Gottesfeld - B.A. (Queen's College, City of New York), M.S. (U. of Arizona), Ph. D. (U. of California, Berkeley)
Jon H. Shepard - B. Sc. (Honours) (Oregon State U.), M. Sc. (Washington State U.), Graduate Studies (U. of California, Berkeley).

Biology encompasses the study of living things and the properties of life. The origin of life from complex organic molecules far back in the earth's history, the laws which govern our "spaceship earth" and the origins of mankind are all part of the science of biology. The fascinating societies of termites, the physiology and structure of the giant forest trees and intricacy of DNA are other topics of current interest in biology. At Northwest Community College, we offer general courses on various relevant topics of biology and a basic laboratory biology course suitable as a first-year course for majors in life sciences and as a lab science course for humanities or social science majors.

Biology 100-0: Human Biology

This course will explore human beings as biological entities beginning with a review of cell biology and DNA. We will cover human genetics and evolution, human ecology, anatomy and physiology, reproduction and development and nutrition. Aspects of health and disease will be integrated with other topics. (3,0,0)

Biology 101-3: Introductory Biology I

A basic introductory course in general biology. The course covers introductory biochemistry, the origin of life, cell biology, DNA and RNA, plant anatomy, physiology and development, and human and animal physiology, anatomy, embryology and histology. Laboratories will include microscopy and animal and plant anatomy and physiology. Experimental techniques and observation skills will be emphasized. (3, 3, 0)

Biology 102-3: Introductory Biology II

A continuation of Biology 101. The course covers Mendelian genetics, population genetics, evolution, a survey of the living world including micro-organisms, plants and animals, and ecology. There will be a weekend field trip to the coast to study the intertidal life. The laboratory will cover genetics, culturing of *Drosophila*, the classification of living things, micro and macro studies of the morphology of organisms, and field technique. (3, 3, 0)

Prerequisite: Biology 101 or consent of instructor.

Biology 212-3: Environmental Studies

This course will cover basic principles of ecology and will focus on their application to resource utilization and exploitation in the Northwest, including forest resources, watershed and fisheries, big game management, and mineral extraction. The laboratory consists of weekend field trips exploring various features of terrestrial and aquatic ecology and examination of resource development issues in forestry, fisheries and mining. (3, 2, 0)

Biology 228-3: Marine Biology

A course in marine biology covering the physical environment of the oceans, the origin and history of marine life, plankton, algae, invertebrate and vertebrate sea life, marine ecology, fisheries and pollution. The laboratory will involve collection and identification of local intertidal plants and animals, plankton and benthic life, and study of water masses. (3, 3, 0)

Chemistry

*Carlyle Jagdeo - B. Sc. (UBC), M.A.
(Michigan State U.)*

Chemistry is for the curious and for the consumer, as well as those who need a science credit. It touches our lives continually from the clothes we wear to the food we eat. It concerns itself (along with other sciences) with the nature of matter and the chemical changes it undergoes. This is important not only for the buyer asking how much and from what the substance is made and what its properties are, but for the discarder who might ponder what will become of the throw-away and how it will affect the environment. Chemistry consists of two courses at Northwest Community College. Firstly, there is an introductory course for those who never did it before or have forgotten much of what they did. (Students who would like an insight into the world of chemistry are especially welcome.) Secondly, there is a university transferable course for those who seek credit at a first-year level. Both courses include a generous amount of lab time.

Chemistry 082-1 1/5:

Chemistry Prep I

This is an introductory course in Chemistry designed for people who have little or no knowledge of the subject. It is intended not only to provide the necessary background for those who later might wish to take a first-year university course, but also to give the student some insight into the importance of Chemistry in our society. (1 1/5, 1 1/5, 0).

Pre- or Co-requisite: Alg 11 or Math 11 or Math 082.

Chemistry 083-1 1/5:

Chemistry Prep II

A continuation on Chem 082.

(1 1/5, 1 1/5, 0)

Prerequisite: Chem 082, or equivalent.

Chemistry 101-3:

Introductory Chemistry I

This is a basic first-year course in chemistry which will enable students to pursue further courses in all areas of Science and Engineering. Topics will include: A review of some basic principles, including quantum mechanics and electronic configurations, the periodicity of chemical and physical properties, chemical bonding, thermochemistry, properties of gases, and chemical equilibrium in both gases and solutions. (3, 3, 0)

Prerequisite: Chemistry 11, or Chemistry 083, and Math 11 or Math 111/112.

Chemistry 102-3:

Introductory Chemistry II

A continuation of Chemistry 101. Topics will include: Redox Reactions and electrochemistry, acids and bases, pH, hydrolysis, buffers, and introduction to organic chemistry. (3, 3, 0)

Prerequisite: Chemistry 101 or permission of the instructor.

Computer Science

*Jim Stone - B. Math (U. of Waterloo),
Graduate Studies (York U.)*

The achievements of modern technology are responsible for enormous changes in the way we live, work and play. The computer is a recent development which has already had a dramatic impact on many facets of our lives. Computers are being used not only to automate previously manual tasks but also to perform things never done before. The potential of these machines is limited only by the imagination and has yet to be fully exploited (or, in many cases, to be defined). The Academic Division offers several courses intended to meet the challenges of the "computer revolution". These courses are intended to address the needs of persons interested in computing and computers within personal, professional, business and theoretical contexts.

Computer Science 111-3:

An Introduction to Computers

This course is intended to provide persons with no previous computing experience with an introduction to computing technology, common uses of computers and the concepts of programming. Students will acquire the skills necessary to begin using the computer as a personal problem-solving tool. The major ideas of programming are introduced using graphics - no advanced mathematics is required. Weekly lab sessions provide an opportunity to use a computer to gain experience with the concepts presented in lectures. Additional computer time is available to students in the evenings and on weekends. (3, 3, 0)

Computer Science 112-3: An Introduction to Programming Using Pascal

Programming is a skill which allows a person to use a computer to most effectively meet unique needs. Pascal is a modern, powerful language suitable for business, professional and scientific programming. The language is available in a standardized form for many computers. This course will introduce programming techniques and the technical details of Pascal. Weekly lab sessions provide students with an opportunity to use a computer to gain experience with the concepts presented in lectures. Additional computer time is available to students in the evenings and on weekends. (3, 3, 0)

Prerequisite: Computer Science 111 or permission of the instructor.

Computer Science 114-3:

Problem Solving and Programming

This course has the potential to make a substantial contribution to both the understanding and solution of a wide range of problems. To fully exploit this potential requires that a series of instructions be prepared which detail the steps the machine is to follow - a computer program. Logo is a programming "language" designed to simplify the task of developing solutions to problems. It has become extremely popular in educational uses of computers and is being used from primary thru graduate school for all kinds of problems. This course will provide a thorough introduction to Logo and techniques of problem solving. No advanced mathematics is required. Computer time is available during scheduled labs, in the evening and on weekends. The lectures and labs for this course will be offered on alternate weeks. (3,3,0)

Computer Science 121-3:

Programming in Pascal

A rigorous introduction to programming for those who are considering further study in engineering, the sciences, computer science or persons who wish to develop the

programming skills necessary for the solution of sophisticated problems. Computer time is available to students during scheduled labs, in the evenings and on weekends. (3, 3, 0)

Prerequisite: Algebra 12, or Computer Science 112, or permission of the instructor.

Computer Science 122-3:

Topics in Computer Science

Using the programming skills acquired in Computer Science 121, students will explore techniques for the effective solution of sophisticated problems. Computer time is available during scheduled labs, in the evenings and on weekends. (3, 3, 0)

Prerequisite: Computer Science 121 or programming skills acceptable to the instructor.

Computer Science 132-3:

Systems Development Using Pascal

This course will introduce students to the current concepts of analysis, design and programming essential for the effective development of computer-based problem solutions. Successful students will be able to apply their knowledge to problems encountered within business and professional environments using most modern computers.

Prerequisite: Previous Pascal experience acceptable to the instructor.

Economics

Peter Weber - M.A. (Germany), Ph. D. (SFU)

Economics 101-3:

Introductory Economics I

An introductory course on economic history and economic theory. The first semester will focus on those aspects of economics which relate to Western society. Historical trends and major theorists will be discussed. (3, 0, 0)

Economics 102-3:

Introductory Economics II

A continuation of Economics 101 with emphasis on specific economic issues. Topics include those issues pertinent to Canada; a

study of wage and price controls, inflation and resource development. (3, 0, 0)

Economics 120-3:

Comparative Economics Systems

An examination of how societies organize the production and distribution of goods and services in the world today. Which system offers the most for developing and developed nations? (3, 0, 0)

Economics 201-3:

Principles of Microeconomics

This course will be concerned with the functioning of the market system around the activities of individual units (consumer behavior), theory of the firm and industrial organization. Emphasis will be given to the application of theory to contemporary issues in the private and public sectors (prices, value theory, collective bargaining, poverty, pollution, advertising). (3, 0, 0)

Economics 202-3:

Principles of Macroeconomics

This course will provide a survey of economic activities and institutions and will center on an analysis of the production and distribution of wealth in the capitalist system. Specific items include: Production and Market Mechanisms, National Income Accounts, Economic Growth, International Trade and Capital Flows, Government Policies (budget, taxes, money supply, trade unions). Theoretical tools and conceptual models from various schools of thought will be used as guidelines and will be tested for realistic validity in a historical perspective. (3,0,0)

Economics 210-3:

The Canadian Economy

The Canadian Economy: Economics and Politics in the 1970's and 80's. This course will examine the structure and postwar experience of the Canadian economy and its impact on society; it will analyze the nature of collective forces and the role played by governments on the federal and provincial

levels, it will offer a detailed critique of monetary, fiscal and investment policies; and it will include a study of recommendations of how to stimulate the local and provincial economies. (3,0,0)

English

George Stanley - B.A., M.A.,

(San Francisco State U.)

Josephine Patterson - Graduate Studies in ESL (Colorado State U.), Diploma in Curriculum and Instruction (U. of Calgary)

The teaching of English at Northwest Community College is intended to increase the student's competence and familiarity with the English language in all of its living manifestations: reading, writing, speaking, listening, thinking. Specifically, we aim at:

The enjoyment of reading. Those who have not learned to read with enjoyment are deprived not only of one of life's greatest pleasures, but also of a strong bulwark against boredom and loneliness.

Understanding through literature. Life presents us with problems: social, political, moral, emotional. Other men and women have had similar problems, and have put into words the record of their struggles and the particular solutions they found. The understanding to be gained from reading is particularly important in an era whose vision of reality and values are dominated by the fleeting and disconnected images of TV.

Competence in the use of the language. In writing, speaking and thinking, our competence with language is exercised actively. Language is like a horse in this respect. A horse will not respond if it is treated like a lump of inert matter, to be shoved, kicked or dragged along the road. The writer is

only frustrated when he or she treats language as a dead, unresponsive apparatus. The better the writer gets to know it, the more it will become his partner, or ally, in expressing what he has to say.

Integrity. The writer gradually comes to a sense of what she or he particularly has to say, and no longer thinks it adequate just to reproduce the unexamined ideas of others. Emily Carr has put this notion of integrity into pungent language: "Be careful that you do not write anything that is not your own, that you don't know in your own soul. You will have to experiment and try things out for yourself and you will not be sure of what you are doing. That's all right, you are feeling your way into the thing. But don't take what someone else has made sure of and pretend that it's you yourself that have made sure of it, till it's yours absolutely by conviction." Emily Carr, *Diaries*

English 081-3:

Preparation for College English I

This course is based on the requirements for English 12 (language option). emphasis is on grammar, vocabulary and style. (3, 0, 0)

English 082-3:

Preparation for College English II

A continuation of English 081. Emphasis is on sentence structure, paragraphs, and the essay. Students will do intensive work in these areas, and will also read and discuss some modern fiction, poetry and essays. (3, 0, 0)

English 101-3:

Literature and Composition I

Reading and discussion of modern autobiography, fiction and drama. Lectures on grammar and style. Written assignments based on analysis of the literature read, personal experience, and subjects of general interest. (3, 0, 0)

English 102-3:**Literature and Composition II**

Reading and discussion of modern fiction, and poetry. Lectures on grammar, style and argumentation. Written assignments based on analysis of the literature read, personal experience, and subjects of general interest.

(3, 0, 0)

**New in 1987/88:
Creative Writing**

English 109-3:**Creative Writing I**

Reading and criticism of student writing. Lyric poetry, short fiction, myths, autobiography, local history and journalism.

(3, 0, 0)

English 110-3:**Creative Writing II**

Continuation of English 109. English 109 is not a prerequisite for English 110. (3, 0, 0)

English 151-3: Technical Writing I

Methods and forms of technical writing, including letters, resumes, short reports, and communications with media. Lectures and exercises in grammar, vocabulary and style. Students will also read and discuss some modern literature. (3, 0, 0)

English 152-3: Technical Writing II

A continuation of English 151. Emphasis is on research and longer forms of technical communication: case histories and reports. Lectures and exercises in grammar, vocabulary and style. Students will also read and discuss some modern literature. (3, 0, 0)

English 201-3:**English Literature, 1300-1650**

Medieval and Elizabethan England. Reading and discussion of works by Chaucer, Shakespeare, Donne and others. Written assignments based on the works read. (3, 0, 0)

English 202-3:**English Literature, 1650-1880**

Puritanism, Romanticism, Industrialism, Reading and discussion of works by Milton, Bunyan, Swift, Blake, Coleridge, Dickens and others. Written assignments based on the works read. (3, 0, 0)

English 203-3:**Canadian Literature to World War II**

The English literature of Canada from the early 19th Century to World War II. Reading and discussion of works by Susanna Moodie, Stephen Leacock, Sinclair Ross, Emily Carr and others. Written assignments based on the works read. (3, 0, 0)

English 204-3:**Canadian Literature since 1930**

The English literature of Canada from 1930 to the present (with some French literature in translation). Reading and discussion of works by Gabrielle Roy, Earle Birney, Margaret Laurence, Al Purdy, Margaret Atwood and others. Written assignments based on the works read. (3, 0, 0)

English 224-3:**Women in Literature I**

Women in Literature is an investigative reading course in which fiction written by women will be examined from a feminist perspective. Discussions will employ techniques of literary criticism to establish themes and stylistic patterns developed by women. This course will survey selections from the 14th century to the present.

(3, 0, 0)

English 225-3:**Women in Literature II**

This course is a continuation of English 224 and will examine women's literature in Canada with a focus upon our heritage, both rural and urban. (3, 0, 0)

French

Josephine P. Patterson - M.A. (U. of North Carolina), Ph. D. (Harvard)

Learning a second language

- increases your knowledge of your first language and introduces you to the science of linguistics
- might open up new job opportunities
- builds bridges to other cultures
- improves communication skills

**French Department
features
Cafe Conversation
at DON DIEGO'S
(see publicity for dates)**

French 101-3: Introductory French I

This is a beginning French course for college students, which stresses the opportunity to communicate immediately. Texts used are based on natural everyday French and approximately equal emphasis is given to the four language skills: understanding, speaking, reading and writing. Reading content will interest mature students. Several videotaping sessions are arranged at a local studio.

French 102-3: Introductory French II

This course is a continuation of French 101 with introduction to some original French literature. (3, 1 1/2, 0)

Prerequisite: French 101 or equivalent

French 107-3: Intermediate French I: Language and Literature

This is a course for students who have had French 11 or French 101-2. Texts which include a variety of readings emphasize all four language skills: understanding, speaking, reading and writing. There are weekly language laboratory sessions at the college and several videotaping sessions at a local studio. (3, 1.5, 0)

Prerequisite: French 11 or French 102, or permission of the instructor.

French 108-3:**Intermediate French II: Language and Literature**

A continuation of French 107. (3, 1.5, 0)

French 110-3: Advanced French I

This is a course conducted in French for U.T. students and members of the community who have had French 12 or French 107-8 and wish to read complete works of literature in French, such as *L'Etranger* by Albert Camus, *Les Grandes Mares* by Jacques Poulin, *La Guerre*, *Yes Sir* by Roch Carrier, *Le Bourgeois Gentilhomme* by Moliere. There is also a complete review of grammar. In language laboratory sessions, *The Champs Elysees* series of tapes provides very challenging and entertaining programs on current French culture and are helpful for improved fluency and intonation. (3, 0, 0)

Prerequisite: French 12 or French 108, or permission of the instructor

French 111-3: Advanced French II

A continuation of French 110. (3, 0, 0)

Geography

*Paul Sneed - B.A. (U. of California)
Graduate Studies (UBC)*

Geography 101-3:**An Introduction to Geography**

This course is intended to introduce the student to basic geographical concepts. Emphasis will be placed upon the interaction of the physical, social and psychological environment. (3, 0, 0)

Geography 102-3: Social Geography

Social Geography 102 will focus upon those forces that shape the cultural landscape and provide a conceptual framework through which man-induced processes can be analyzed. Socio-cultural norms will be examined in terms of their impact upon the physical environment. (3, 0, 0)

Geography 205-3:**Canada - Cultural Geography**

The purpose of this course is to familiarize the student with select major themes of Canadians within a cultural geographic perspective from approximately the time of Confederation to the present. (3, 0, 0)

Geography 228-3: British Columbia

British Columbia will be examined in terms of its physical and cultural geography. Of particular concern will be the Aboriginal population distribution of the pre-contact period; European settlement patterns; resource development; and the transformation of communication systems. (3, 0, 0)

Geography 241-3:**Canada - Physical and Cultural**

This course is designed to promote a broader understanding of the physical geography of Canada in terms of how peoples have responded to its characteristics. Emphasis will be placed on the pre-Confederation period. (3, 0, 0)

Geography 242-3:**Man-Land Relationships**

The purpose of this course is to examine man and the environment in terms of resource utilization. Emphasis will be placed on Canadian examples. The relationship between settlement pattern and resource sites, who controls resource development, landscape reflections of resource development, and how resources are developed will be of primary concern. (3, 0, 0)

Geography 257-3:**Urban Understanding**

This course will examine the processes of urbanization. Topics to be reviewed will include the origin of cities, pre-industrial cities, metropolitan domination, suburban development, and the problems of contemporary urban settlement. (3, 0, 0)

Geography 284-3:**Environment and Values**

The environment is shaped, in part, by the values held by people living in an area. This course will examine environmental modification as a result of human interaction. The concept of resources will be the central theme of the course. (3, 0, 0)

Geography 290-3:**The Geography of Pre-historic America**

The Geography of Pre-historic America will examine man/land relationships in North America during the Pre-historic period. The course will focus upon Pleistocene glaciation, routeways of early immigrants, the development of culture regions, and the landscape reflections of early man. (3, 0, 0)

Geology

Allen S. Gottesfeld - B.A. (Queen's College, City U. of New York), M.S. (U. of Arizona), Ph. D. (U. of California, Berkeley)

Geology 157-3:**Introduction to Northwest Geology**

Introduction to the earth science with particular emphasis on the geology of the Northwest. Topics to be studied will include the history and structure of the earth, rocks and minerals, ore deposits and economic minerals, fossils, volcanic geology, geology of the Northwest, glacial geology and origin of local landforms. Anticipated field trips may include some of the following: trips to the Tseax lava flow, a local glacier, one or more mineralized areas, and a historical geology/regional structure trip. (3, 2, 0)

Geology 158-3:**Historical Geology**

A course dealing with the history of the earth and the development of life. Emphasis will be on the history of North America, especially the Mesozoic and Cenozoic history of British Columbia. Topics will include Geologic time, stratigraphy, sedimentation, correlation, plate tectonics, interpretation of geologic history, geologic maps, common fossils and their evolutionary patterns and processes of fossilization. Field work is required and will involve investigation of sedimentary rock units and fossil deposits in the Kitimat, Kalum and Bulkley Valleys. Field work and necessary laboratory work will be arranged on weekends. (3, 2, 0)

History

Peter Weber - M.A. (Germany), Ph. D. (SFU)

If history served only to provide us with information on what happened some time ago and to accumulate knowledge unrelated to our lives today, the pursuit of historical studies would be somewhat in the nature of a luxury and not a necessity. If it is to have any meaning at all, it must be seen primarily as a means of becoming aware of ourselves in the current socio-political environment. Such a view underlines the need for historical consciousness of the past as a means for becoming aware of ourselves in the current socio-political environment. Such a view underlines the need for a historical consciousness of the past as a necessary stage towards the present and also towards the realization of a better society in the future.

History as a social science is the study of the past as a process of continuity and change, with man in the centre

acting on the basis of objective conditions but at the same time making his own history. We reject digging isolated tunnels into the past which are classified as diplomatic, economic or social history. Of what use are partial aspects when human behaviour is a total reality?

It is one of the greatest challenges to find out what kind of questions should be asked to obtain meaningful explanations and to uncover realities behind appearances. We consequently attempt to integrate into the study of facts various theories and models about them and to focus attention on the interrelation of modes of production and structures of society, economic development, social classes and the nature of their relations as well as their impact on decision-making.

The courses are open to everybody and are designed to allow a maximum of discussion, questions and various forms of personal contributions.

History 101-3:**Europeans and World History I**

See History 103

History 102-3:**Europeans and World History II**

See History 104

History 103-3: Europe from the 1820s to the First World War

This course is designed as an introduction to major problems of the period and to provide an understanding of the nature of historical studies. It will investigate the interrelation of social, economic and political factors leading to the revolutions of 1848, the changing nature of society and political power, the "new imperialism" and the outbreak of the First World War. (3, 0, 0)

History 104-3: Democracy, Facism, Communism: Europe Since 1917 and the World Since 1945

This course will offer an in-depth analysis of primarily the following issues: origins of the First World War; the Russian Revolution and developments in the Soviet Union to the late twenties; Recasting Germany; the early Weimar Republic; Italy and Mussolini's Fascism; Hitler's rise to power and the nature of the Third Reich; Fascist movements in other European countries; the Civil War in Spain; Hitler's aims, foreign policy, and the background to World War II (and major developments to 1942); socio-political realignments after 1945. Some of the flavour and spirit of the time and of prevalent ideologies has been captured in feature and documentary films; a number of these will be made available for viewing.

Pre-requisites: The course may be taken for credit and/or interest (3,0,0)

History 105-3: Canada to the Late 19th Century

This is an attempt to make the more remote past of this country meaningful to us today. We shall look at the historic inheritance of English and French speaking Canada in the context of social and economic structures and by way of comparison with similar developments in Europe and the United States. We shall focus on the works of younger scholars and discuss a variety of interpretations. (3, 0, 0)

History 106-3: Canada since the 1890s

In this course we shall analyze the major themes in more recent developments: economic growth and its impact on society (workers, women and aboriginal people), the problem of foreign ownership and its domestic and international repercussions (from the depression in the 1930s to that of today), nationalism, biculturalism and multiculturalism (in a historical context of cohesion of society and federal-provincial relations). (3, 0, 0)

History 113-3: Passages from Antiquity to Feudalism (300 A.D. - 900 A.D.)

An analysis of socio-economic developments in the Northern and Eastern Mediterranean and Continental Western Europe from the Diocletian Reforms to the division of Charlemagne's Empire. (3, 0, 0)

History 141-3: History of B.C. and Western Canada

This course will emphasize the reflection of economic and urban development in the lifestyles and political activities of classes (employers, self-employed, and working people) and of other sectors of society (women, native Indians, ethnic groups). It will also include an analysis of the foundations of political power and of the policies pursued by provincial governments. (3, 0, 0)

History 201-3: Imperialism from the mid-19th Century to the Present

We shall be dealing with a variety of notions, theories and analyses (from Lenin to current discussions) to find out about the historical origins and socio-political implications of empire building (by European countries and the U.S.). We shall examine general policies and individual events, economic and other statistical data in order to explain two world wars, changes in the nature of society and the relations of developed with underdeveloped countries in the past and in the present. (3, 0, 0)

History 202-3: Fascism

An in-depth look at the origins, conceptions and nature of socio-political developments in Central and Southern Europe from 1918 to 1945 (and beyond). We shall study source material and interpretations of National Socialism in Germany, Fascism in Italy and Spain, similar movements in Western Europe and various forms of dictatorship. The origins and the political history of the Second World War will be examined in some detail. (3, 0, 0)

History 203-4: The Working Class and the Industrial Revolution in Europe and North America (1750 - 1914)

A study of social and economic preconditions for and the variegated impact of industrialization, uneven economic development and long-term industrial growth. Considerable attention will be paid to the nature of capitalism in its various historic stages and its impact on workers (working conditions, standard and quality of life, formation of political consciousness and ideologies, activities of trade unions and parties). (3, 0, 0)

History 204-5: Organized Labour and Organized Capitalism Since 1914

A historical comparative analysis of developments in Europe and North America. Topics include: workers and peasants in the Russian Revolution, Russia's economic and political development; the Winnipeg Strike and its long-term repercussions; workers and industry in the Great Depression and Roosevelt's New Deal; general strikes, socialist parties and the advent of Fascism; the reconstruction of Western Europe after 1945; China since the late forties; the working class in the period of decolonization and of the transnational corporation. (3, 0, 0)

History 211-3: Ancient Greece (800-300 B.C.)

This course will focus on the interrelation of the economic foundations with the social and political structures in various city states and their reflections in cultural achievements. The major aspects of philosophy and literature will be studied through selected readings in translation; special visual sessions will be devoted to developments in art and architecture. (3, 0, 0)

History 212-3: Rome - Republic to Empire (300 B.C.-300 A.D.)

A study of Roman society and the development of the political system in the context of the expansion of territorial rule. Special attention will be given to society and civilization in the age of Caesar and Augustus (with selected readings in translation). (3, 0, 0)

History 221: Civilization and the Structure of Everyday Life in Europe: 1550-1750

This course will present a socio-economic analysis of early modern society and its cultural and intellectual development. Major aspects of philosophy and literature will be studied through selected readings and attention will be given to achievements in art and architecture. Students will write short essays based on the survey and background readings.

History 251-3: The Writing of History

A review of major historical schools and of various contemporary approaches to the study of history. Discussion of problems of methodology and the relation of history to sociology, economics, political science and social psychology. (3, 0, 0)

Mathematics

*Jim Stone - B. Math (U. of Waterloo),
Graduate Studies (York)*

Mathematics deals with quantities, their measurements and their inter-relationship.

A basic training in mathematics is becoming very important for many endeavors in today's world. For anyone entering the field of science or technology, a good background in math is absolutely essential. But studying

mathematics gives one training in reasoning and logical thinking as well as in using the actual techniques. And this training is important for everyone.

Also - mathematics can be enjoyed as an adventure in ideas and an intellectual challenge requiring intuition and imagination. Both science and non-science, credit and non-credit students are invited to participate.

Math 082-3: Introduction to Algebra and Trigonometry

A one-semester course in which the class meets twice per week. This is a course for students who have completed Math 10 or more advanced students who have not studied math for some years. The topics covered are those prescribed in the Algebra 11 courses. Math. 082 prepares students for Math. 111, Math 131 and CPSC 111. (5, 0, 0)
Prerequisite: Math 10

Math. 101-4 1/2: Calculus I

Understanding the present and predicting the future are always easier if things can be described quantitatively. The only certainty over time is that things will change. Calculus provides the mathematical tools necessary to describe and analyze change. Math 101 introduces the major tools of calculus and their use. The course is intended for persons interested in, or pursuing further studies in science, engineering and commerce. Applications to each of these areas will be presented. (4 1/2, 0, 0)
Prerequisite: A minimum grade of "C" in Algebra 12 or its equivalent.

Math 102-4 1/2: Calculus II

A continuation of Math. 101 which will develop further skills with the tools of calculus, introduce new techniques and expand the range of problems which can be addressed. (4 1/2, 0, 0)
Prerequisite: A minimum grade of "C" in Math. 101 or its equivalent.

Math. 111-3:

College Algebra and Trigonometry I

The first part of a two-semester course in which the class meets twice per week. The topics covered in Math. 111 and Math. 112 include those in Algebra 12. This course prepares students for Math. 101-Calculus. It is strongly recommended that students taking Chem. 082 or Physics 082 or planning to enter any scientific training take this course. Students should consult the counsellor or the instructor about transfer credit for Math. 111/112. (5, 0, 0)

Prerequisite: Algebra 11 or Math. 082

Math. 112-3:

College Algebra and Trigonometry II

A continuation of Math. 111 in the spring term. (5, 0, 0) Prerequisite: Math. 111.

Math. 130-3:

Applications of Mathematics

Mathematics provides the tools and techniques to solve problems. Many problems in the managerial, social and life sciences can be significantly simplified by the use of mathematics. Math 130 will introduce some major mathematical tools appropriate for the solution of a wide range of problems. The course is not theoretical - it is the applications of mathematics which are emphasized. When appropriate computers will be used to perform the calculations necessary to solve a problem (no previous computing experience is necessary). The only mathematical skill necessary for this course is a basic facility with equations. (3, 0, 0)

Prerequisite: Algebra 11 or its equivalent.

Math.131-3:Introduction to Statistics

A course developed for those who wish to be able to evaluate and analyze data. Topics will include: The basic language of statistics, sampling, descriptive analysis, probability, sample variability, estimation of parameters and hypothesis testing. (3, 0, 0)

Prerequisite: Algebra 11 or Math. 082

Physics

*Carlyle Jagdeo - B.Sc. (UBC), M.A.
(Michigan State U.)*

"The universe is not only stranger than we imagine, but stranger than we can imagine."

John Haldane, a British geneticist

The "universe" of which Haldane speaks includes all physical reality - from the cataclysmic events of the cosmos to the microscopic "universe" of sub-atomic particles. Science is the systematic study of all of this physical reality. Physics contributes to this study by investigating phenomena associated with matter, motion, force and energy. The investigation of these fundamental concepts reveals a "universe" both predictable and mysterious. The study of physics provides insight into, and understanding of, the magic and mystery that is life.

The physics program at Northwest College has been designed to satisfy the physics requirements for majors in the life sciences, pre-engineering, forestry and general science students. An essential component of scientific inquiry is the confirmation of theory by experiment. Laboratory sessions are therefore an integral component of the physics programs. During these sessions, students will have an opportunity to use sophisticated apparatus to investigate various phenomena and develop their experimental skills.

Physics 081-1 1/2: Physics Prep I

An introduction to the study of physics for persons with no background in the subject. Topics Motion, force, energy and temperature. (1 1/2, 1/2, 0)

Prerequisite: Algebra 11 or equivalent.

Physics 082-1 1/2: Physics Prep II

A continuation of Physics 081. Topics to be studied include pressure, fluids, sound and light. (1 1/2, 1 1/2, 0)

Prerequisite: Physics Prep I

Physics 101-3:

General Physics I (Non Calculus)

An analysis of motion, its causes and consequences. High-speed motion and Einstein's Special Theory of Relativity. Fundamental properties of fluids, gases, wave motion, & sound. (3, 3, 1)

Prerequisite: Physics 11 and Algebra 12 or equivalent.

Note: Students with Physics 12 will not normally receive credit for Physics 101.

Physics 102-3:

General Physics II (Non Calculus)

An investigation of electricity and magnetism. Analysis of the transmission of energy via waves. The wave properties of sound and light. The particle nature of light. An introduction to the structure of matter. (3, 3, 1)

Prerequisite: A grade of "C" or better in Physics 101.

Physics 121-3: Physics I (Calculus)

A calculus based general survey course for students intending to continue in the physical sciences or engineering covering: kinematics, dynamics, SHM, wave motion, fluids & sound. (3,3,1)

Prerequisite: Physics 12

Corequisite: Math 101

Physics 122-3: Physics II (Calculus)

Continuation of Physics 121 covering: electromagnitic theory, atomic and nuclear structure, special relativity, light and optics. (3,3,1)

Prerequisite: Physics 121

Corequisite: Math 102

Political Science

Peter Weber - M.A. (Germany), Ph. D. (SFU)

Political Science 101-3: Canadian Politics I

This course presents a study of the nature of the state, government and politics in the context of sociopolitical and economic structures. Topics will include elections and electoral behaviour, political parties and ideologies. Significant attention will be given to current events. (3, 0, 0)

Political Science 102-3: Canadian Politics II

A continuation of Political Science 101 with emphasis on provincial affairs and politics in the context of sociopolitical and economic structures. Attention will be given to current events. No Prerequisites.

Political Science 103-3: B.C. Politics

An introduction to B.C. politics covering the period 1952 to the present. Topics include the rise of the CCF/NDP, the development of the Social Credit Party, the Bennett governments, and the NDP government of 1927-75. (3, 0, 0)

Political Science 105-3: Themes in Canadian Policy

This course will examine the process of formulating and implementing foreign policy in Canada - American, European, Asian, African, Latin American, Middle Eastern, and functional perspectives of Canadian foreign policy will be analyzed. (3, 0, 0)

Political Science 203-3: International Politics

This course will examine the relations between the Super-powers, Europe and the Third World through the study of their internal organization and international economic and political developments. (3, 0, 0)

Political Science 204-3: Public Policy Formation in Canada

This course will provide students with an introduction to the study of public policy formation in Canada. It will introduce some basic concepts and approaches and explore the role and importance of a variety of factors in the formulation of Canadian public policy. (3, 0, 0)

Political Science 205-3: An Introduction to Political Thought

This course will examine the concepts presented by major political thinkers of the Western world. Ideas at the basis of our political system will be analyzed. Questions such as political values, the role of the individual and the state, the meaning of justice and freedom, and the relationship between morality and power will be discussed. (3, 0, 0)

Psychology

Larry Dickerson - B.A., M.A., Ph.D.

(U. of New Mexico)

Andre Klingner - B.A. (Concordia), M.A.

(Hollins College)

Larisa Tarwick - M.A. (Pacific Oaks)

The psychology program at NWCC offers both first and second-year transfer credit courses to students intending to continue studies at university or community college, students enrolled in one of the career programs at NWCC or anyone with an interest in psychology.

Psychology 101-3: Introductory Psychology I

In the introductory psychology courses, Psychology 101 and 102 you will discover some of the reasons why we think, feel and act as we do. The classes consist of lectures, structured experience, discussions and films, as well as other audio-visual presentations. The topics for this course include: a perspective of

psychology; life-span psychological development; the biology of behaviour; perception; altered states of consciousness; conditioning and learning; and memory. This course should be followed by Psychology 102. (3, 0, 0)

Psychology 102-3: Introductory Psychology II

This course is a continuation of Psychology 101. Topics include; motivation and emotion; thinking and communicating; understanding human personality; assessing individual differences; understanding and managing stress; therapies for personal change; the psychology of social behaviour. Psychology 101 and 102 are prerequisites for other psychology courses at NWCC. (3, 0, 0)

Prerequisite: Psychology 101 or permission of instructor.

Psychology 201-3: Development Psychology I

The developmental psychology course, Psychology 201 and 202, offers an exploration of human development through the life-span, from conception to death. Following an introduction to the prevalent views of developmental psychologists and the way they attempt to answer relevant questions, the course proceeds to examine the physical, cognitive and psychosocial aspects of development in infancy and play years. This course should be followed by Psychology 202. (3, 0, 0) Prerequisite: Psychology 101 and 102 or permission of the instructor

Psychology 202-3: Developmental Psychology II

This course is a continuation of Psychology 201. The topics included are the physical, cognitive and psychosocial aspects of development in the school years, adolescence, adulthood and late adulthood. Prerequisite: Psychology 101 and 102, Psychology 201 or permission of the instructor.

Psychology 203-3: Understanding Adolescence

The physical, social and psychology aspect of adolescence is the basic subject matter in this course. There is also an emphasis on variations in individual adjustment, such as behavioural problems, emotional disorders and adjustment to mental and physical disabilities. Prerequisite: Psychology 101 and 102 or permission of the instructor.

Psychology 211-3: Experimental Psychology I

An introduction to various experimental design. Students will achieve familiarization with various experimental design strategies and their application to research in psychology, through planning, conducting and reporting experiments. The course consists of lectures and laboratory sessions. (2, 2, 0)

Prerequisite: Psychology 101 and 102 or permission of the instructor.

Psychology 212-3: Experimental Psychology II

This is a continuation of Psychology 211. In this course students will be introduced to the current literature in experimental psychological mechanism, motivation, memory and sensory processes. (2, 2, 0)

Prerequisite: Psychology 101 and 102, Psychology 211 or permission of the instructor.

Psychology 221-3: Abnormal Psychology

This course offers an overview of the contemporary theories of psychopathology - behavioural, humanistic, psychodynamic and biophysical, as well as a perspective on research, classification and treatment of affective, social, psychotic and organic disorders.

Prerequisite: Psychology 101 and 102 or permission of the instructor.

**Psychology 222-3:
Clinical Psychology and
Intervention Methods**

The indications for, appreciation and evaluation of therapeutic interventions, techniques such as behaviour and cognitive behaviour, modification, biofeedback, psycho/pharmacology, and relaxation training techniques are the focus of this course. The wholistic approach to human life-styling and community health care will be discussed. Prerequisite: Psychology 101 and 102, Psychology 221 or permission of the instructor.

Sociology

*Shannon Mark - B.A., M.Ed. (UBC)
Paul Sneed - B.A. (U. of California),
Graduate Studies (UBC)*

Are you curious about the kind of society and world that we live in?

Are there particular institutions, social groups and social phenomena of interest to you?

Are you interested in learning more about the kind of community in which you live?

Are you interested in how the world, society and community in which you live affect you personally?

Sociology encourages the understanding of ourselves, communities and the human world. It seeks to develop that understanding through questioning and curiosity.

Sociologists aim "... to stimulate interest and open the minds of young scholars to their society." (Finnigan and Gonic, 1972).

**Sociology 101-3:
Introductory Sociology I**

An examination of the structure of society through the major topics in the discipline of sociology: culture, socialization, primary groups, status and role, and associations. (3, 0, 0)

**Sociology 102-3:
Introductory Sociology II**

An examination of the major institutions of society and some of the major trends of modern society. Religion, law, education, politics, urbanization, industrialization and social movements will form the basis of the course. (3, 0, 0)

**Sociology 110-3:
Women's Movement in Canada**

**Sociology 111-3:
Women in Cross-Cultural Perspective**

**Sociology 201-3: Women:
An Inquiry into Philosophy I**

**Sociology 202-3: Women:
An Inquiry into Philosophy II**

**Sociology 203-3:
Sociology of Education**
Sociological study of the structure of educational institutions in industrial societies; emphasis on Canadian context. (3, 0, 0)

**Sociology 204-3:
Sociology of Education**
This course is a continuation of Sociology 203 with cross-cultural emphasis. (3, 0, 0)

**Sociology 205-3:
Sociology of the Family I**
The family and related social institutions. Topics include the origin and history of the family, marriage and children in Western society. (3, 0, 0)

**Sociology 206-3:
Sociology of the Family II**
A continuation of first semester with emphasis on cross-cultural aspects of family such as sexual practices, marriage styles, living arrangements and child-rearing practices set in various social and economic contexts. (3, 0, 0)

**Sociology 207-3:
Sociology of Labour**
Analysis of how the Canadian working class has organized itself under capitalism in its various stages of development. This course will familiarize the student with the impact of industrialization, uneven economic development, short- and long-term industrial growth. Quality of life, the trade union movement and political consciousness will also be discussed.

**Sociology 208-3:
Sociology of Labour**
Continuation of Sociology 207.

**Sociology 209-3:
Canada: Differing Perspectives I**
This course examines Canadian society; its problems and developments from a sociological perspective, which will include differing regions and ethnic groups from across Canada. (3, 0, 0)

**Sociology 210-3:
Canada: Differing Perspectives II**
This course is a continuation of Sociology 209, with an emphasis on work patterns and lifestyles. (3, 0, 0)

**Sociology 211-3:
Social Roles and Relationships I**
A sociological examination of the changing social roles and relationships of men and women in contemporary society. Topics include: marriage and child-rearing practices, changes in work patterns, women's bodies and challenges to traditional male role models.

**Sociology 212-3:
Social Roles and Relationships II**
A continuation of Sociology 211-3: An examination of the changing social roles and relationships of men and women in contemporary society. Topics include: marriage and child-rearing practices, work patterns, women's bodies and traditional male role models.

The following programs are not currently offered at the College.

Art 101-3: Design Fundamentals I

A course in which the student is introduced to various techniques, skills and the theory of design. Basic design techniques composition and the development of designs from the study of nature, geometrical form and man-made form. (3, 3, 0)

Art 102-3: Design Fundamentals II

A continuation of Art 101. Students will continue studies on point, line, colour theory, shape, plane, form, and will develop designs in graphics and three-dimensional from nature, geometrical and man-made forms. (3, 3, 0)

Art 103-3: Art History I

This course is designed to familiarize the non-professional as well as the serious art student with the historical concepts that have shaped the current art situation. This introductory course examines the major developments in art from prehistoric to the Gothic. (3, 0, 0)

Art 104-3: Art History II

A continued survey of major art developments from neo-classical to the present day. Throughout their study, students examine the social conditions and factors that have permitted contemporary trends in art. (3, 0, 0)

**Art 153-3:
Indian Art of the Americas**

An introduction to the indigenous art and architecture of Pre-Columbian civilizations in Central and South America, Eskimo and North American tribal arts, with final emphasis on North Coast Indian Art. (3, 0, 0)

**Art 154-3:
Western European Art History**

A chronological study of the mainstream of Western European art and architecture from Paleolithic times to the present. Each lecture will be illustrated with slides. Historical context, aesthetics, techniques and materials used are discussed. (3, 0, 0)

Art 201-3: Painting I

This course covers the basic skills in watercolour, oil and acrylic painting. All available contact to painting is made through the use of slides, movies, lectures, critiques, etc. (3, 3, 0)

Art 202-3: Painting II

Continued development from painting basics to more advanced techniques of compositions, paint theory and colour mixing, variety of subject, and the completion of finished paintings in various media. (3, 3, 0)

**History 131-3:
Terrace and the Skeena**

**History 132-3:
Smithers and the Bulkley Valley**

**History 133-3: Prince Rupert
and the Northwest Coast**

**History 153-3:
Nisgha Local History**

The purpose of this course is to describe the Nisgha traditional life, focussing on pre-contact and post-contact periods. The course is organized to cover Pre-Contact; Post-Contact; Nisgha Land (geography); Nisgha Culture (material); Social Organization; and Nisgha Matriliney. (3, 0, 0)

The following programs are not currently offered at the College.

**Linguistics 109-3: Linguistic
Structure of the Nisgha Language
(3, 0, 0)**

**Linguistics 110-3: Linguistic
Structure of the Nishga Language
(3, 0, 0)**

**Philosophy 101-3:
Introduction to Philosophy**
An attempt to deal with the problems of men through an analysis of some of the problems of philosophy. Course content includes an introduction to philosophical inquiry, human behaviour, mind-body problem, knowledge and certainty. (3, 0, 0)

**Philosophy 102-3:
Moral Philosophy**
An introduction to the central concepts in moral philosophy including considerations of obligation, responsibility and justice in the community. (3, 0, 0)

**Philosophy 103-3:
Introduction to Philosophy I**
An introductory course analyzing and defining our most fundamental and general concepts, such as understanding, morality, authority, identity and community. Broadly, the course attempts to look at man and our position and prospects today and in the future. (3, 0, 0)

**Philosophy 104-3:
Introductory Philosophy II**
This course is designed to introduce the tradition of philosophy; its history, application and future. Specific topics in metaphysics, ethics, the philosophy of politics, and existentialism will be selected and examined by the group. (3, 0, 0)

**Women's Studies 101-3:
Women in Canada
See Women's Studies 105-3.**

**Women's Studies 103-3:
Women in Other Countries
See Women's Studies 106-3.**

**Women's Studies 103-3:
Pre-Industrial Society**
A cross-cultural comparison of the sex roles and women in pre-industrial societies. (3, 0, 0)

**Women's Studies 104-3:
Post-Industrial Societies**
A continuation of Women's Studies 101 with emphasis on women in post-industrial societies. (3, 0, 0)

**Women's Studies 105-3:
Women in Canada**
This course will examine the status and role of women in Canadian society. It will trace the development of sex role divisions in the family and other institutions and examine the influence of education, media, etc., on the development and reinforcement of female role models. (3, 0, 0)

**Women's Studies 106-3:
Women in Other Countries**
A continuation of Women's Studies 105. Particular attention will be paid to the role of women in the paid labour force. The status of women at all levels of society will be examined; in addition, North American conditions will be contrasted to those on other cultures, particularly in Europe and Asia. (3, 0, 0)

The following programs are not currently offered at the College.

Women's Studies 110-3:

Women's Movement in Canada

This course will take a sociological look at the part that women have played in the growth of Canada. Selected regions and cultures will be studied to enhance the student's total perspective. Concepts of social stratification, sexism and ethnicity are to be studied as well. (3, 0, 0)

Women's Studies 111-3:

Women in Cross-Cultural Perspective

Different living patterns of various cultures with an emphasis on the role of women within these cultures is the basis of this course. Concepts of ethnocentrism, assimilation and sexism will also be studied. (3, 0, 0)

Women's Studies 121-3:

Women and Work in the Age of the Trans-National Corporation: Canada

An examination and analysis of women's work, paid and unpaid, in the Canadian economy.

Women's Studies 122-3: Women and Work in the Age of the Trans-National Corporation

An examination and analysis of work done by women in other cultures at different stages of development and under different political and economic systems. Theoretical concepts of the development of class stratification and sexual inequality will be considered.

Women's Studies 151-3:

Introduction to Women's Studies

This course will provide students with concepts and perspectives essential to understanding our society's treatment of women. It will introduce students to theoretical knowledge and enable them to develop and analyze their own personal skills. Gender roles, female work patterns, job ghettos the impact of microtechnology on future employment, the special problems of women in the work place like sexual harassment and equal pay for work of equal value, education, communication, assertiveness, public speaking, leadership skills, female sexuality and violence against women will be analyzed and discussed. (Upon request, these topics can be given as individual workshops.) (3, 0, 0)

Women's Studies 211-3:

Social Roles and Relationships I
See Sociology 111.

Women's Studies 212-3:

Social Roles and Relationships II
See Sociology 212

Women's Studies 213-3:

The Psychology of Women

This course will examine the psychology of women across the life-span. Traditional and feminist psychological theories will be analyzed to better understand gender roles in our society. Topics to be covered include an analysis of psychological research methods, gender differences in personality, behaviour, abilities, achievement and motivation, women and the mental health professions, female sexuality and androgyny as a model of psychological adjustment. (3, 0, 0)

The following programs are not currently offered at the College.

Women's Studies 222-3:

Women in Canadian History

This course will focus on women in Canadian history from the early days of New France to the twentieth century to enable students to better understand women today. Primary and secondary historical sources will be used to examine female roles, the impact of the environment on women and their relations to the means of production in an industrialized society. Students will be asked to rethink, restructure and reconceptualize the dominant paradigm of our collective existence. (3, 0, 0)

Women's Studies 224-3:

Women in Literature I

Women in Literature is an investigative reading course in which fiction written by women will be examined from a feminist perspective. Discussions will employ techniques of literary criticism to establish themes and stylistic patterns developed by women. This course will survey selections from the 14th century to the present. (3, 0, 0)

Women's Studies 225-3:

Women in Literature II

This course is a continuation of Women's Studies 224 and will examine women's literature in Canada with a focus upon our heritage, both rural and urban. (3, 0, 0)

Adult Basic Education

John V. Noonan - Director, ABE
Charlotte Renshaw - Secretary, ABE
Alex Deas - B. Sc., M. Sc. (UBC)
Pat Hayes - Permanent B.C. Teaching Certificate
Robert Sullivan - Permanent B.C. Teaching Certificate
Marie Grinstrand - Permanent B.C. Teaching Certificate
Mike Willcox - Permanent B.C. Teaching Certificate
Kae Williams - Instructor's Diploma (UBC)
John Wood - B.A., B.Ed. (Queens)
Karen Birkedal - B. Sc., Instructor Diploma (UBC)
Jack Perry - B.Ed. (U. of S.), PhD. (Thesis Outstanding)
Larry Bolingbroke - B.A. (U.B.C.)

The Adult Basic Education program gives all adults in the college region a chance to upgrade their skills and knowledge of English, Mathematics and the Sciences. Students may enter this program at any time during the year (as space permits). Instruction is individualized and self-paced. You may attend on a full-time or part-time basis, taking as few or as many courses as practical for your needs. An evening program is provided for those unable to attend days. Completion will not only enhance employment opportunities but also prepare you for further Vocational Career/Technical programs or university level programs.

Admission Requirements

Applicants must:

1. Have been away from the public school system for at least one year.
2. Be capable of concentrated, independent study.
3. Be over 18 years of age. (see criteria for under age applicants below).
4. Have a career or educational goal.

Under Age Applicant Admission Criteria

Above factors apply plus:

1. Written permission from the Superintendent of the School District.
2. Written permission from the High School Principal. (School District #88 requires #2 only.)
3. Reasons for leaving school must be fully outlined. (A behavior problem does not qualify for entry into Upgrading).
4. Interview with and permission of College Staff (where practical) accompanied by a parent or guardian.
5. Interview with College staff, counsellor and/or Instructor.
6. Work experience is an asset. This provides an indication of maturity, career goal, etc.
7. A maximum of two students per class under 18 years of age will be admitted to the program at any time.

Other applicants with special circumstances will be considered on an individual basis by the A.B.E. Director's office and the Registrar. Although there is a minimum age requirement for the program, there is no maximum age limit, and students of all ages are encouraged to apply for the program. There is no minimum educational prerequisite for entering the program; you are assessed and placed in the courses that correspond to your educational background.

How to Apply

Prospective students may obtain application forms from the Student Services Office at the Terrace Campus or from one of the local College offices.

Length of Program

Varies to suit individual needs.

Time (Terrace)

Mon - Fri. 8:00 a.m. - 3:00 p.m. (Day Class)

Mon. - Thurs. 3:00 p.m. - 10:00 p.m. (Evening) + Fri. 10:00 a.m. - 5:00 p.m.

Full-time programs are also offered in Prince Rupert, Hazelton, Kitimat and Smithers. Part-time programs are offered in Houston, Kitimat and other centres where necessary.

Fees

See General Information section.

Financial Aid and Sponsorship

See Financial Aid section.

Courses

ABE Fundamental Level Courses

ENG 020 Fundamental English Skills
MATH 020 Fundamental Math Skills

ABE Intermediate Level Courses

MATH 030 (A) General Math
MATH 031 (A) Math for Business
MATH 032 (N) Math for Trades
ENG 030 General
ENG 031 Business
ENG 032 Trades
SCI 030 Science
SOC 030 Social Studies

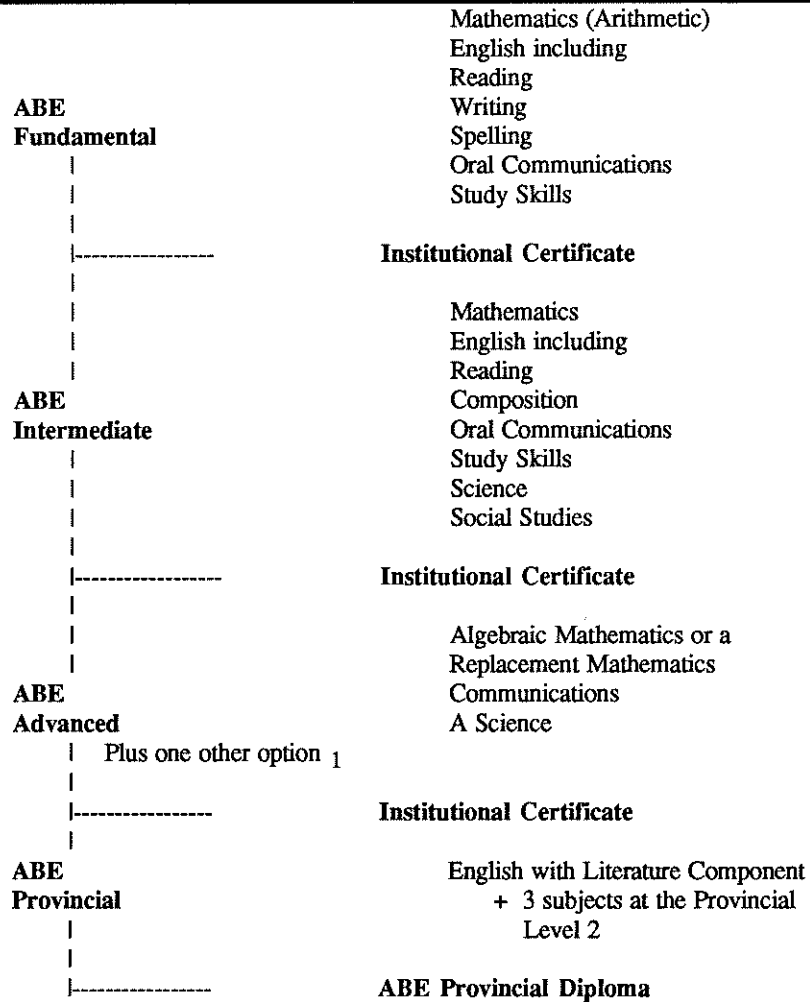
ABE Advanced Level Courses

MATH 040 General
MATH 041 (R) Business
MATH 042 (R) Technical
ENG 040 General
BIO 040 Advanced Biology (Human)
BIO 043 Advanced Biology (Ecological)
CHEM 040 Advanced Chemistry
PHY 040 Advanced Physics
PHY 042 Advanced Physics (Technical)
SOC 040 Social Studies

ABE Provincial Level Courses

MATH 050 Provincial
ENG 050 Provincial
BIO 050 Provincial
CHEM 050 Provincial
PHY 050 Provincial

ABE PROGRAM OUTLINE



1. Options may be chosen from social studies, another science subject, TRAC Common Core, a language, etc.
2. Chosen subjects may include: - Accounting, Algebra, Biology, Chemistry, Drafting, Electronics, Foreign Languages, Geography, History, Literature, Performing Arts, Physics, Visual Arts, TRAC Occupational Core/Specialty, etc.

Equating the ABE program with programs previously offered provincially:

ABE Fundamental	- BTSD Levels 1 and 2 - ABE Levels 1 and 2 - ABL	ABE Intermediate	- BTSD Level 3 - VAST Level 3 - ABE Level 3 - OLI Grade 10 - H.S. Grade 10
ABE Advanced	- BTSD Level 4 - ABE Level 4 - College Preparatory/Foundations - H.S. Grade 11	ABE Provincial	- Adult Secondary School Program - Secondary School Completion - OLI Grade 12

NOTE: There are no distinct lines of equivalency - this chart is for general information only.

BTSD vocational equivalencies are recognized throughout Canada as prerequisites for Vocational Training. BTSD Level III has been replaced by Intermediate Level ABE and BTSD Level IV by Advanced Level ABE. Don't become confused. If you require educational upgrading call us, and we will assist you.

It is important to note that all courses at Fundamental, Intermediate and Advanced Levels will be available at Terrace, Smithers, Houston, Hazelton, Kitimat and Prince Rupert. These centres have various start and finish dates. Please contact the centre nearest you for details.

Provincial Level courses will be offered in Terrace on an ongoing basis and in other centres where student numbers are such that a program is viable. Contact your nearest centre to express interest or find out which courses are being offered.

The complete ABE program or portions thereof will be made available in other communities in the College region as need arises and resources are identified.

Students wishing to register for part-time studies may enrol for any portion of these courses.

Tutorial Service

Northwest Community College is pleased to announce its new Tutorial Service being offered through its Adult Basic Education Department. In response to a number of requests from parents who were having difficulty in finding tutorial help, the College, in co-operation with School District #88 and the Terrace High Schools will be offering this service Monday to Thursday from 3:00 p.m. - 10:00 p.m. Students registered in Grade 10, 11, or 12 in any of the Terrace High Schools may attend this program for up to 15 hours per week. They would get the help they need in particular subject areas or just use the service as a structured work environment for study and/or homework. This program is also available to those doing high school level correspondence courses and wish some extra help. The cost to the student would be \$33.50 per month for which they could attend up to 60 hours per month. Further information can be obtained from School Counsellors or the ABE Department at Northwest Community College.

General Education Development Tests

The GED test provides an opportunity for adults who did not graduate from secondary school to earn an official document stating that they have a grade twelve equivalency standing. This standing may assist them in qualifying for better jobs, for promotion within their own organizations, and in applying for admission to post-secondary educational institutions.

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

1. Minimum age of nineteen.
2. British Columbia residency of at least six months immediately preceding the date of application to write.
3. Out of school for at least one full academic year.

GED Assistance Course

Qualified teachers will assist you with your study and provide lessons on English, Math, Social Studies and Science. This course is offered in various locations. Check your College's local bulletin.

English as a Second Language

These classes provide instruction on written skills, phonics and spelling as well as oral and listening skills, based on the personal needs of the students.

Offered on part-time basis in Terrace, Prince Rupert, Kitimat, and Smithers.

Basic Literacy

Volunteer Tutor Program: Aim - To enable adults who, for one reason or another, cannot read, to read the English Language as quickly and enjoyably as possible. This will be achieved by having a volunteer commit the time to teach a student to read, on a one-to-one basis in the home or other suitable environment. There are no fees for this program. Contact the ABE Department in Terrace or your local College centre for further information on becoming a student or tutor in this program.

Experience-Based Vocational Preparation Program

This is a full-time vocational preparation program for adults with a mental handicap. This course will be comprised of various modules. The goal is to provide pre-vocational training for individuals with special needs in order that they may find and maintain competitive employment. The course is separated into modules providing the student with the opportunity to develop and/or improve various skills.

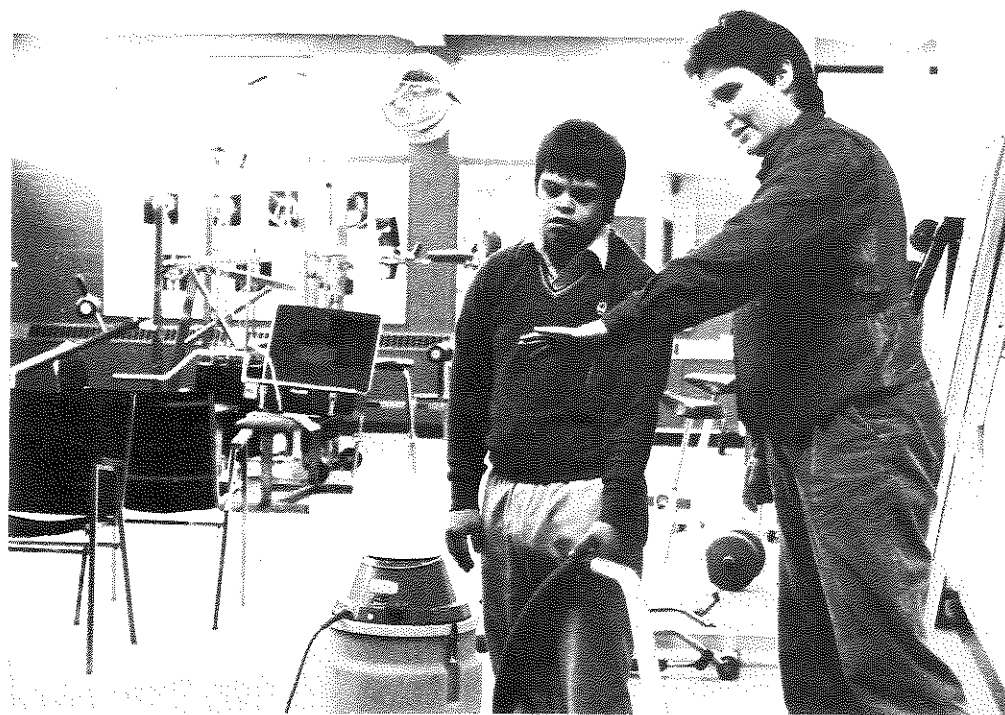
Proposed modules for the 1987/88 school year are:

1. Job Preparation and Work Experience
2. Learning how to use the Computer
3. Up-grading - Basic Literacy/Survival Literacy
4. Preparing for a Driver's Licence
5. Relationships - learning about personal interactions

Registration for this course is in September - for more information, call the ABE Department.

Career Exploration for the Physically Challenged

This is a two-month course offered at the Terrace campus for physically challenged individuals. The purpose of this course is to offer students the opportunity to explore, question, and develop career goals. For more information, call the ABE Department, Northwest Community College, Terrace.



Building and Construction Program

Dick Coxford - B.C. and Interprovincial Trades Qualifications (Carpentry)

The Carpentry and Joinery Training Programs provide trainees with the skills needed for employment in the junior levels of the building construction industries. Employment opportunities for graduates may be found in all aspects of the building construction industry. Opportunities for graduates may be found in commercial, industrial, residential and pre-fab construction projects in locations throughout B.C. and Canada.

Working conditions will vary from in-shop to on-site, being very similar to most construction jobs. Pay level is generally in line with most construction trades.

The theoretical portion of **Common Core** (First Level) is available at all campuses with the practical portion available at the Terrace Campus. This portion will take approximately two months and less for those with previous experience.

The second level is **Occupational Core** (2 - 2 1/2 months). After this level students can choose to take a **Basic Cabinet Course**, **Carpentry Specialty** (2 1/2 - 3 months) or a **Joinery Specialty** (2 1/2 - 3 months).

The theoretical portions of these programs are available at all campuses upon request and the practical portion is available at the Terrace Campus.

This modularized program is very flexible with enrollments available every Monday. This program also offers the flexibility for those wishing some upgrading during periods of unemployment. If withdrawal of the program is necessary for employment, students may re-enter the program where they left off.

Common Core

Safety, Trade Math, Sketch & Read Drawings, Use of Construction Hand Tools, Use of Construction Power Tools, Rigging, Knot Tying, Lifting Loads, Erection of Ladders & Scaffolds, Gas Welding, Use of Fasteners & Bonding Agents, Identification of Woods and the Construction of Projects.

Occupational Core

Trade Safety, Reading & Interpreting Carpentry/Joinery Drawings, Use of Carpentry/Joinery Hand Tools, Portable Power Tools and Shop Equipment (Drill Press, Radial Arm Saw, Table Saw, Band Saw, Jointer and Thickness Planer), Construction of Woodworking Joints, Use of Materials and Hardware, Platform Frame Construction Methods, Stair Construction, Construction of a Simple Cabinet and the Use of Specialty Tools such as Air-Nailers, Power Actuated Tools and Chainsaws.

Basic Cabinet Course

Students with previous carpentry skills may enter this course which will include the use of fasteners and bonding agents, identification of woods, use of Carpentry Joinery Shop equipment including the drill press, radial arm saw, table saw, band saw, jointer, thickness planer, construction of wood joints, with machinery, use of materials including wood and common cabinet hardware, the construction of a simple cabinet including drawer and door construction, the application of plastic laminates and finishes. Basic window construction may also be incorporated into this program. After successful completion of this program the student may enter the Joinery Specialty Program.

Carpentry Specialty

Use of Safety Belts and Life Lines, Laying out a Site and Buildings including Drawing Plans and Elevators for a Small Building, Use of a Builder's Level, Positioning Batter Boards, Calculation of Quantities and Costs, Building Concrete Forms including Footing Forms, Strip-Easy and Snap-Tie Forms, Floor Framing including Sill Plates, Pony Walls, Beams, Columns, Floor Joists, Bridging and Sub-Flooring, Wall Framing including Sheathing, Interior Partitions, Installation of Insulation and Vapour Barrier and Construction of a Single-Pole Scaffold, Roof Framing including Installation of Ceiling Joists, Framing a Gable and Hip Roof, including Erection of Residential Trusses, Roof Sheathing and Strapping and the Installation of Shakes and Shingles, the Installation of Steel Studs and Drywall on both Wood and Steel, Internal and External Finishing including Installation of Windows, Doors, Exterior Siding, and Mouldings.

Joinery Specialty

Selection of Specialty Materials, including Solid Woods, Plywoods, Composition Boards and Miscellaneous Materials, the Use of Joints and Fasteners including Multiple Dovetail Joints, the Use of Joinery Shop Equipment including the Shaper, Overhead Router, Dowel Boring Machine, Hand Stroke Belt Sander and Lathe, the Use of Cabinet Hardware, including Door, Drawer Shelf and Specialty Hardware, the Application of Layout Techniques, including Reading and Interpreting Shop Drawings, Drawing Layouts both Fullsize and Scale, the Compiling of a Cutting Bill, the Machining of Cabinet Details including Breakout Procedures, the Assembly of Cabinets including Carcass Frame, Stiles, Rails, Doors, Drawers and other Components, Installation of Plastic Laminates, the Preparation of Surfaces for Finishing including Sanding, Filling, Sealing, Staining and Finishing, the Cutting and Installation of Glass, the Installation of Cabinets including Fastening, Scribing and Fitting and Installation of Wall Panels.

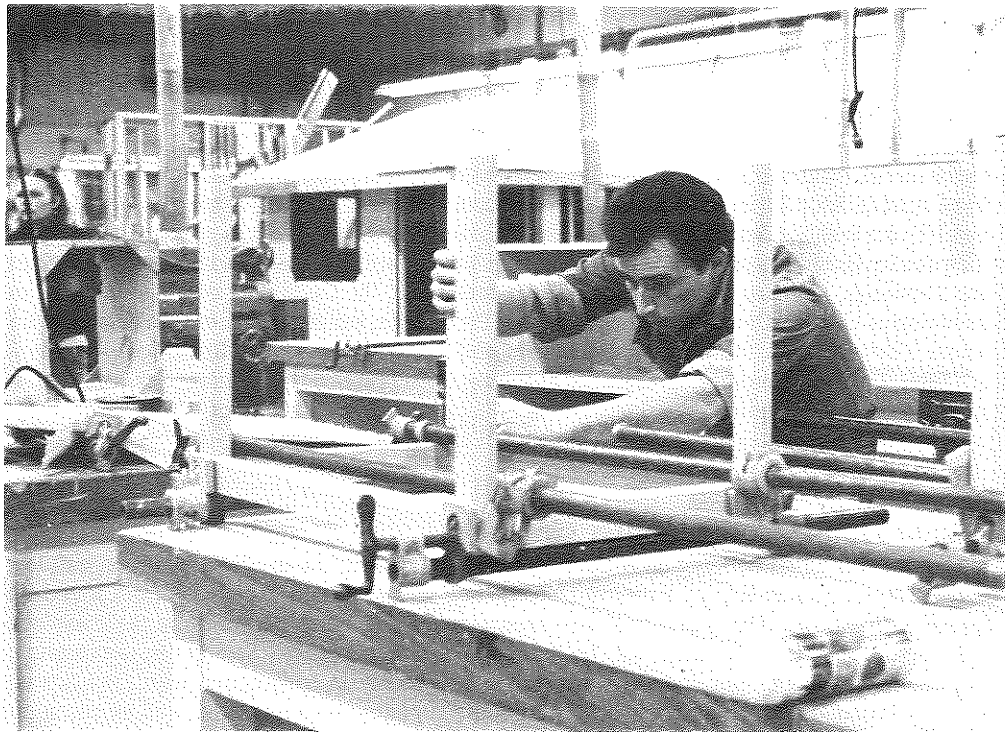
R-2000 House Construction Course

This course will entail building an R-2000 House on a building site in town. Students will learn the latest techniques in Energy Efficient Construction with hands-on experience from foundation through to finishing. The course will take approximately 6 months and finish at the completion of the house. Course start dates will be March - April and August - September, depending on weather conditions and enrollments. This course will be run in conjunction with the Carpentry Specialty Program and would be of benefit to both Carpentry Apprentices as well as entry level students wishing a more practical oriented program.

Housing Renovation and Rehabilitation Program

This course will cover all aspects of renovations as related to the Carpentry Trade as well as the basics of Plumbing, Electrical and the Heating systems. This course will be in conjunction with the renovation of a house for the practical application. Course start date will be March - April or August - September depending on enrollments. The course will take approximately 6 months and finish at the completion of the renovation project.

For further information on any of the above courses, contact the Carpentry Instructor at the Terrace Campus.



Business Education Programs

Grant Bennest - B. Comm (UBC) -- I.D. (UBC)

John Campbell - B. Sc. (McGill), PH.D. (Waterloo), MBA (UBC)

Beverley Davidson - B. Comm. (UBC)

Carole Edwards - I.D. (U.B.C.)

Rainer Giannelia - B.Sc. (SFU) C.D.P.

Dorothy Grant

Fred Hislop - V.I. Certificate (UBC), Instructor's Certificate (WCB)

Richard Kilborn - CPM, P. Mgr., V.I. Certificate (UBC)

Director, Business and Health Programs

Terry McCreary - Dipl. in Tech. (NAIT)

Ann Marie Merkel

Vanessa Oltmann - I.D. (UBC)

Susan Russell - I.D. (UBC)

Edward Warkentin - B.A. (SFU), I.D. (UBC)

INSTRUCTOR AIDES

Hilda Capak

Karen Dakin - Dip. in Tech. (NWCC)

Lynne Ferguson

Brenda McCarron

Debbie Taylor - Dip. in Tech. (NWCC)

Program Objectives

The two most important objectives are:

1. To train students to a level of proficiency that will make them desirable employees in the business office field; and
2. To assist students in developing appropriate attitudes towards the jobs for which they are training in order that they may be more successful in their careers.

Normally most new students will enrol in Clerk-Typist or Clerk - Bookkeeper. These programs are fairly general in nature and prepare students for entry level jobs in most clerical and bookkeeping occupations. Some students may desire more advanced and/or specialized training and will go on to the Accounting Option or the Legal Option or one of several other more demanding programs. Former students may come back for upgrading after a time in the workforce in order to increase their skills and improve their chances for advancement.

Location of Programs

The Clerk-Typist and Clerk-Bookkeeper programs, the Accounting Option, Word Processing and Administrative Secretary programs are offered in Kitimat, Smithers, Prince Rupert and Terrace. Medical Steno is offered in Kitimat. Clerk Typist, Clerk Bookkeeper and Word Processing are offered in Hazelton. All other programs are offered in Terrace only.

Admission Requirements to Pre-Employment Programs

Grade 12 graduation or equivalent is preferred for all courses. A minimum of Grade 10, ABE Intermediate or the equivalent is acceptable for Clerk-Typist and Clerk-Bookkeeper programs. Business experience may be accepted in lieu of formal schooling in some cases. Recommended secondary school prerequisites include Algebra 11, English 12 and Business courses. Some secondary school courses may be accepted for credit towards a Northwest Community College certificate.

Secondary School Course

Accounting 12
Consumer Math 11 & Machine Calculations
Office Procedures 12
Shorthand 12
Bus. Communications 12

Northwest Community College

Accounting 101
Bus. Machines 101
Typing 101
Shorthand 101 & 102
Bus. Eng. 103 & 104

A "B" minimum average (73 - 85%) in the secondary school course is required. Further information may be obtained from the Director, Business Education.

Admission to Advanced Options

Normally students will be required to have obtained a Northwest Community College Business Certificate in a relevant area as a prerequisite into an Advanced Option program. A combination of training and/or experience may be acceptable. Please contact the College to have your past experience evaluated.

How to Apply

Prospective students may obtain application forms from the Student Services Office at the Terrace Campus or from one of the local College Offices.

Course Starting Dates

Students are enrolled on the first business day of September and January, and the first Monday of every month when spaces are available. Part-time students are welcome in both the Business Careers and Business Administration programs.

Fees

See General Information section.

Evening Courses

The following evening courses are normally offered:

Typing - Beginner	Commercial Law
Typing - Advanced	Dictatyping
Business Prerequisite	Accounting
Introduction to Computers	Computer Accounting
Bookkeeping	

Prospective students should watch for the regular Fall/Winter brochures in early January and September for details.

Further information is available from the Student Services Office in Terrace.

Pre-Employment Programs

Program 1

Typing
Business English
Office Practice
Dictatyping
Business Computing

Typist

TYPG 101, 102 (50 WPM Net)
BENG 102, 103, 104
OFPR 101
DICT 101, 102
BCPT 101, 102

4-5 months

Program 2

Typing
English
Office Practice
Dictatyping
Business Machines
Business Computing

Clerk-Typist

TYPG 101, 102 (50 WPM Net)
BENG 102, 103, 104, 105
OFPR 101
DICT 101, 102
BUSM 101
BCPT 101, 102

4-6 months

Program 3

Typing
Accounting
Business Machines
Office Practice
English
Dictatyping
Business Computing
Computer Accounting

Clerk-Bookkeeper

TYPG 101 (30 WPM Net)
ACCT 101, 102
BUSM 101
OFPR 101
BENG 102, 103, 104, 105
DICT 101
BCPT 101, 102
BCPT 103

5-7 months

Program 4

Typing
Word Processing
or Shorthand*
Dictatyping
Business Machines
Office Practice
Business English
Accounting
Business Law
or Canadian Business
Business Computing

Administrative Secretary

TYPG 101, 102, 103 (55 WPM Net and Over)
Word Processing Certificate 7E
SHRT 103, 104 (120 WPM)
DICT 101, 102
BUSM 101
OFPR 101
BENG 102, 103, 104, 105
ACCT 101, 102
BLAW 150, 151
MGTM 250
BCPT 101, 102

8-12 months

*Shorthand is available only to those having previous qualifications.

Program 5	Accounting	8-12 months
Typing	TYPG 101	
Accounting	ACCT 101, 102, 150, 151	
Business Machines	BUSM 101	
Office Practice	OFPR 101	
English	BENG 102, 103, 104, 105	
Dictatyping	DICT 101	
Business Law	BLAW 150, 151	
Data Processing	BCPT 150	
or Math of Finance	MATH 150	
Business Computing	BCPT 101, 102, 103	
Credit & Collections	MGMT 252	

Program 6	Industrial Records & First Aid	5 months
Accident Prevention	ACCD 101	
Or Accounting	ACCT 101, 102	
Payroll/Timekeeping	ACCT 103	
Business Machines	BUSM 101	
English Communications	BENG 103, 104	
Spelling and Vocabulary	BENG 102	
Office Practice	OFPR 101	
Typing	TYPG 101 (30 WPM Net)	
First Aid	FAID 101	

Advanced Options and Commercial Upgrading

Program 7A	Accounting Option	4-6 months
Accounting Principles	ACCT 150, 151	
Credit & Collections	MGMT 252	
Business Law	BLAW 150, 151	
Data Processing	BCPT 150	
or Math of Finance	MATH 150	
Requirement for Admission: Certificate of Program 3		

Program 7B	Secretarial Option	4-6 months
Business Law	BLAW 150, 151	
or Canadian Business	MGMT 250	
Typing	TYPG 102, 103 (55 WPM Net and Over)	
Accounting	ACCT 101, 102	
Shorthand	SHRT 103, 104 (120 WPM and Over)	
or Word Processing	Word Processing Certificate 7E	

Requirements for Admission to Program 7B:
 Completion of Program No. 2 (and 60 WPM in Shorthand if opting for Shorthand).

Program 7C	Medical Stenographer	8 months
Medical Terminology	MSTN 101, 102, 104	
Advanced Medical Transcription	MSTN 103	
General Medical Typing	MSTN 105 (55 WPM and Over)	
Medical Shorthand Transcription*	MSTN 106 (80 WPM and Over)	
Medical Office Practice	MSTN 107	
Medical Office Filing	MSTN 108	
Accounting	ACCT 101	
Business Machines	BUSM 101	
English	BENG 102, 103, 104, 105	
Business Computing	BCPT 102	
Word Processing	Any two of WPRO 103/104/107/108	

* Shorthand dictation is available as an option to students having a previous qualification in Shorthand.

Program 7D	Legal Stenographer	8 months
General Legal Typing	LSTN 101 (55 WPM Net and Over)	
Introduction	LSTN 102	
Litigation	LSTN 103	
Divorce/Family Law	LSTN 104	
Wills and Estates	LSTN 105	
Conveyancing	LSTN 106	
Corporate Law	LSTN 107	
Legal Dictatyping	LSTN 108	
or Shorthand*	LSTN 109	
Accounting	ACCT 101	
Business Machines	BUSM 101	
English	BENG 102, 103, 104, 105	
Business Computing	BCPT 102	
Word Processing	Any two of WPRO 103/104/107/108	

* Shorthand dictation is available as an option to students having a previous qualification in Shorthand.

Program 7E	Word Processing	Up to 5 months
Basic DOS Procedures	WPRO 100	
Concepts and Careers	WPRO 101	
Electronic Typewriters	WPRO 102	
Easy Writer II	WPRO 103]	
Wordstar	WPRO 104]	Any 3 to qualify
Multimate	WPRO 107]	for Word Processing
Volkswriter Deluxe	WPRO 108]	
Transcription Specialist	WPRO 105	
Computer Timed Writings	WPRO 106	

NOTE: Students must attain a typing speed of 55 wpm on both computers and electric/electronic typewriters to earn their certificates in WORD PROCESSING.

Program 7F	Advan. Word Processing Cert.	Up to 5 months
Hard Disk Management	WPRO 110	
RAM Resident Application I	WPRO 111	
RAM Resident Application II	WPRO 112	
Microsoft Windows	WPRO 113	
Wordstar 2000	WPRO 114	
Lotus 1-2-3 in Documents	WPRO 115	
Framework	WPRO 116	

Any application for exemptions from specific courses listed above must receive the approval of the Business Education Director.

Program 7G Commercial Upgrading Up to 5 months

Upgrading in specific areas is available to persons having previously earned a Northwest Community College Business Education Certificate or who have advanced experience. Further information may be obtained from the College.

Business Course Descriptions

Accounting 101-102

The framework of accounting. Financial statement introduction and journals.

Accounting 102-3

Introduction to systems, procedures and specialized journals. Three accounting projects.

Accounting 103-2.5

Payroll and timekeeping procedures. Federal and provincial law as related to the payment of wages.

Accounting 150-3

Concerned with basic methodology and logic; recording transactions and maintaining books of account for service and merchandising concerns; preparation and interpretation of financial statements; recording; reconciling and valuation of cash, accounts receivable, inventory and plant and equipment. Preparation of payroll records.

Accounting 151-3

Concerned with interpretation of income measurement and valuation problems with regard to sources and uses of invested capital. Preparation of financial statements for the various types of business operations, and introduction to financial reporting analysis and interpretation for management purposes. Preparation and setting up of a cash budget and flexible budget.

Accounting 250-3

Emphasis is on theory and concepts and an analysis of problems that arise in the application to financial accounting. The majority of the course will analyze current monetary assets, inventories and current liabilities. The time value of money, price level changes and financial statement preparation are included.

Accounting 251-3

The analysis of valuation and cost allocation issues with regard to long-term investments, plant and equipment acquisition and retirement, intangible assets, and the reporting of long-term liabilities is included. Study of the

Shareholder Equity section -- types of shares, dividends, stock rights, warrants, preparation of Statement of Sources and Uses of Funds and an analysis and interpretation of accounting reports will be studied. Accounting for income taxes, pensions and leases will be considered.

Accounting 252-3

Cost accounting as applicable to manufacturing and other industrial activities is discussed. Specifically studied areas are job order costing and analysis, costing procedures, cost-volume-profit analysis, budget preparation, standard cost systems, overhead variance calculation, and cost analysis for managerial decision making.

Accounting 253-3

This course investigates a number of significant topics in cost accounting, including transfer pricing, divisional performance evaluation, accounting for joint products and by-products, inventory valuation, cost allocation and methodology, accounting for spoilage and scrap, process costing and variable costing.

Accounting 254-3

Basic external auditing procedures plus internal control features are covered. Audit program, statutory audits, the audit routine is applied to cash, inventory, accounts receivable, sales, fixed and other assets, accounts payable, purchases, income and other taxes and expenses, specialized audit procedures.

Accident Prevention 101-2.5

Safety and accident prevention in the workplace. Teaches good safety attitudes and methods of spotting unsafe working conditions and practices.

Business Computing 101-1

Filing systems and records management. Various methods of filing and several kinds of systems are studied. Computer systems introduced.

Business Computing 102-1.5

A hands on introductory course in general computer use and word processing. Students will use two of : Wordstar, Volkswriter, Easywriter, Visicale and others.

Business Computing 103-1

A hands-on computer applications course for accounting students. Prerequisite: ACCT 102 or equivalent.

Business Computing 150-3

This course will provide students with sufficient knowledge of data processing, computers and management information systems to prepare them for a successful working relationship with such systems in their future careers. Specific topics include: principles of data processing, programming in the BASIC lanaguage, survey of hardware and software, survey of applications of modern computerized information systems in organizations.

Business Computing 153-3

A hands on computer applications course for accounting students. Software used will be Bedford Integrated Accounting, ACCPAC and Lotus 1-2-3. Prerequisite: Acct. 150.

Business Computing 250-3

The exciting challenges of the "information systems revolution" are examined with respect to modern organizations. This course highlights the characteristics and design of successful management information systems and the impact on the organization and its managers. The role of information systems in decision-making and systems modelling will be emphasized.

Business English 101-2.5

A review of the structure of the English language. Grammar, sentences, form and style, reporting and evaluating, understanding interpersonal relationships.

Business English 102-1.5

Spelling and vocabulary building and word usage.

Business English 103-1.5

The framework of English language in more depth than in BENG 101. Parts of speech, the sentence, punctuation, capitalization and figures.

Business English 104-1

Business communications, letters, memos, minutes, resumes, job interviews, enunciation and pronunciation.

Business English 105-1.5

This course is designed to give the student the skills which are required in a business office where employees are expected to edit correspondence for good English usage. The course is a self-paced package which emphasizes evaluating the student's knowledge of proofreading techniques and giving the student practical editing assignments which contain errors of the kinds commonly found in business correspondence.

Business English 150-3

The student will develop expertise in the communication skills, both written and oral, required in today's business community, and an awareness of the protocol used in business.

Business Finance 250-3

An introduction to the study of the finance function within a corporation. The development of short-term financing and working capital management techniques will be studied. Exposure to security analysis, Canadian financial institutions and markets, and financial management tools will be gained.

Business Finance 251-3

An in-depth study of the corporate financial function. Decision-making techniques within varying conditions and the theoretical framework will be explored: capital budgeting under certainty and uncertainty, cost of capital, capital structure, dividend policy, long-term financing and leasing.

Business Law 150-3 & Business Law 151-3

The student will acquire an understanding of law as it applies to the business community. As an employer or employee, he/she will be able to recognize legal pitfalls and will have the tools to deal with them.

Business Machines 101-2.5

The operation of desk calculators and the application of basic math in decimals, fractions and percentages. Proficiency in the operation of the machines is required.

Business Machines 102-2.5

Business applications of mathematics with emphasis on taxation, interest, stocks, bonds and annuities.

Dictatyping 101-0.5

The operation of dictating and transcribing machines. Twelve letters.

Dictatyping 102-2

A programmed course in taped dictation. Seventy letters.

Dictatyping 103-3

A self study course in dictatyping with job simulation. More than 60 letters and projects.

Economics 150-3 & Economics 151-3

Career-oriented courses emphasizing the practical approach to the study of the market system and pricing in the first half of the course, with attention focused on aggregate concepts in economics in the second half. Topics covered will be the price system, consumer behaviour and demand, market structures, money and banking, national income, fiscal policy, monetary policy, international trade and public policy.

First Aid 101-5

WCB Industrial First Aid.

Legal Stenography 101-2

Legal - general typewriting.

Legal Stenography 102-2

Introduction to legal stenography.

Legal Stenography 103-2

Litigation.

Legal Stenography 104-1.5

Divorce /family law.

Legal Stenography 105-1.5

Wills and estates.

Legal Stenography 106-2

Conveyancing

Legal Stenography 107-2

Corporate

Legal Stenography 108-1.5

Legal dictatyping.

Legal Stenography 109-3

Shorthand dictation.

Management 150-3

This course is an introduction to contemporary management functions. Management theories and their practical applications are examined.

Management 151-3

Topics discussed in this course are on current and local issues as they relate to Canadian business. The areas covered include business ownership, marketing, personnel management and the social responsibilities of the business firm.

Management 250-3

Topics discussed in this course are on current and local issues as they relate to the Canadian business environment. The areas covered include finance and banking, real estate, insurance, investments, personnel planning. Guest speakers will constitute the bulk of the course.

Management 251-3

An examination of the behaviour of people in organizations and small groups. The focus of our attention will be: communications, motivation, leadership, group processes, structure, organization change, conflict, power and authority.

Management 252-3

A study of the fundamental functions of a consumer credit department. Attention is given to the legal environment, credit instruments and collateral, credit investigations, collections and the management function.

Mathematics 150-3

The course will provide the student with skills necessary to solve common, practical business problems that employ the mathematics of finance. Topics covered include simple interest and discount, instalment plan financing, amortization and sinking fund schedules, general annuities, and bonds. Emphasis on practical problem-solving in business rather than theoretical derivations.

Mathematics 151-3

A basic statistics course for students who have no prior knowledge of the field. The emphasis of the course is on business applications of statistical methods; students in other disciplines will find it relevant and useful. The contents of the course are:

- i) how to describe data
- ii) analysis of decisions made with uncertainty
- iii) analysis of statistical data
- iv) making predictions based on statistical data

Medical Stenographer 101-3

Medical terminology.

Medical Stenographer 102-3

Medical terminology, transcription.

Medical Stenographer 103-3.5

Advanced transcription.

Medical Stenographer 104-4.5

Advanced terminology.

Medical Stenographer 105-3

General medical typing. Speeds over 50 WPM

Medical Stenographer 107-1

Medical office procedures.

Office Practice 101-1.5

A general course in office procedures. Includes forms of business letters, postal and telephone information, transportation methods, banking services, purchasing and sales procedures.

Office Practice 102-1.5

A general course in record keeping. Includes personal and business record keeping and introductory bookkeeping.

Shorthand 101-2

Beginning shorthand. Basic theory and drills. Speed to 40 WPM.

Shorthand 102-1.5

Intermediate shorthand. Shortforms. Speed to 60 WPM.

Shorthand 103-1

Advanced phrasing. Making shortforms. Dictation to 80 WPM.

Shorthand 104-3

Advanced dictation. Speed to 120 WPM.

Taxation 250-3

An introductory course in Canadian income tax covering: the computation of income from employment, from business and from property, including capital gains and losses, as well as capital cost allowances; computation of taxable income for individuals, partnerships and corporations.

Typing 101-2.5

Basic typing skills. Keyboard and parts of the typewriter. Introductory production typing. Speed to 30 WPM.

Typing 102-2.5

Advanced typing skills. More intensive production. Business forms, tabulation, manuscripts. Speeds to 50 WPM.

Typing 103-2.5

Rough draft typing. Concentrates on typing techniques and English skills for typing from rough copy. Speeds over 50 WPM.

Typing 104-1

Statistical typing. Typing numbers. Business and accounting forms.

Word Processing 100-0.5

Basic DOS Procedures.

Word Processing 101-3

Introduction to word processing concepts and careers.

Word Processing 102-1

Electronic typewriters.

Word Processing 103-2

Easy Writer II Word Processor.

Word Processing 104-3

Wordstar Word Processor.

Word Processing 105-4

The transcription specialist.

Word Processing 106-1

Computer Timings.

Word Processing 107-3

Multimate Advantage Word Processor.

Word Processing 108-2

Volkswriter Deluxe Word Processor.

Word Processing 110-1

Hard Disk Management.

Word Processing 111-2

Ram Resident Applications I.

Word Processing 112-2

Ram Resident Applications II.

Word Processing 113-3

Microsoft Windows.

Word Processing 114-2

Wordstar 2000 Word Processor.

Word Processing 115-2

Lotus 1-2-3 for Word Processors.

Word Processing 116-4

Framework.



Transfer Guide for

Northwest Community College	Camosun College	Society of Management Accountants (CMA)	Institute of Chartered Accountants of B. C. (CA)
ACCT. 150 ACCT. 151	ACCT. 152 ACCT. 153	INTRO. ACCT. 111	INTRO. FINANCIAL ACCOUNTING
ECON. 150 ECON. 151	ECON. 160 ECON. 161	ECON. 212	ECONOMICS FOR EITHER ONE
MGTM. 150	BUS. 157		
BENG. 150	ENG. 150	Included in MGMT. ACCT. 1 & 2	
MATH. 150	BUS. 164		MATHEMATICS
MATH. 151	BUS. 165	QUANT. METHODS-232	PROBABILITY/STATS
BLAW. 150 BLAW. 151	BUS. 176 BUS. 177	COMM. LAW 122	COMMERCIAL LAW
BCPT. 153			
BCPT. 150	BUS. 190	DATA 314	BUS. COMPUTERS
BCPT. 151			
MGMT. 250	BUS. 258		
MGMT. 251	BUS. 275	ORG. BEHAV. 123	ORG. BEHAV./POLICY
MGMT. 252	BUS. 278		
BFIN. 250 BFIN. 251	BUS. 268 BUS. 269	FIN. MGMT. 442	BUS. FINANCE
BCPT. 250	BUS. 290	ACCTG. INFO SYSTEMS 451 * Note 2	INFO. SYSTEMS
TAXN. 250	ACCT. 256	TAXATION 324	
ACCT. 250	ACCT. 250	INTER. FIN. ACCT. 229) INTER. FIN. ACCT. 339])	INTERMEDIATE FINANCIAL ACCOUNTING
ACCT. 251 ACCT. 252 ACCT. 253 ACCT. 254	ACCT. 251 ACCT. 252 ACCT. 253 BUS. 255	MGMT. ACCT. 1 & 2 241/341 & BENG. 150	INTRO. MGMT. ACCT. COST ACCOUNTING
MATH 101/102/130			

*Note 1: BCPT 150 and 250 required.

*Note 2: Course exemption only. SMA exam must be written.

*Note 3: English 101 required also.

Business Education Courses

Certified General Accountants (CGA)	Canadian Institute Traffic and Transportation (CITT)	Simon Fraser University (SFU)
ACCT. 101		
ECON. 104	INTRO. ECON SCS 8004	ECON 200 ECON 205
BUS. WRITG.	ENGLISH SCS 8001 *Note 3	
STATS. 203		MATH
LAW 108	COMM. LAW SCS 8005	MATH
ICS 325 *Note 1		CMPT. 001 CMPT. 100
		BUS. 270
FINANCE 316		
ICS 325 *Note 1		Under Review
ACCT. 211		
ACCT. 222 COST ACCT. 311		
	MATH FOR MGMT. SCS 8034	

Diploma in Administration

Northwest Community College offers a two-year diploma in Business Administration. After successful completion of two semesters (9 months), Northwest Community College may grant a Certificate in Business Administration to students who do not wish to register for the final year.

Students who are interested in a second-year option not available at Northwest Community College will receive credit at Camosun College in Victoria for subjects completed here.

Business Administration is offered only at the Terrace campus as a full-time program. However, some modules are offered at the Regional College centres. For more information, please contact the Program Director in Terrace or your local Regional RES Director.

Length of Program

18 months (4 semesters) beginning in September.

Admission Requirements

Grade 12 graduation or equivalent (GED) with Algebra 11 is normally required. However, ABE Advanced or work experience in related business area may be acceptable with the permission of the Program Director.

How to Apply

Applications may be obtained from the Counselling Office of the Registrar's Office or from any one of the Regional College Offices.

Fees

See General Information section.

Financial Aid

See Financial Aid section.

Program of Studies and Course Dates

YEAR 1

September 8, 1987	Mathematics 150 Economics 150 Bus.Computers 150 Exams: Wk. of Oct 26
November 2, 1987	Management 150 Economics 151 Communications 150 Exams: Wk. of Dec. 21
January 4, 1987	Accounting 150 Mathematics 151 Business Law 150 Exams: Wk. of Mar. 7 Assigned reading: Mar. 14-18
March 21, 1987	Accounting 151 Business Careers 153 Business Law 151 Exams: Wk. of May 23

YEAR 2

September 8, 1987	Bus. Computing 250 Management 252 Finance 250 Exams: Wk. of Oct. 26
November 2, 1987	Management 250 Accounting 254 Finance 251 Exams: Wk. of Dec. 21
January 4, 1988	Taxation 250 Accounting 250 Accounting 252 Exams: Wk. of Mar. 7 Assigned Reading: Mar. 14-18
March 21, 1988	Accounting 251 Accounting 253 Management 251 Exams: Wk. of May 23

A Computer Systems Operation, second year option will become available in September 1987. Information about the curriculum may be obtained from the Program Director in Terrace.

Diploma in General Business

Length of Program

4 semesters of full time study (69 credits) but may be done on a part-time basis.

Admission Requirements

Grade 12 graduation with Algebra 11, or equivalent (GED or ABE Advanced) is normally required. However, business experience and other qualifications may be accepted. Please call the Program Director.

How to Apply

Applications may be obtained from the Counselling Office of the Registrar's Office in Terrace or from one of the Regional College Centres.

Fees

See General Information section.

Financial Aid

See Financial Aid section.

Program of Studies

Level 1

Business Administration first year (See Page 80) 36 credits

Level 2

Four related second year Business Administration courses (Management, Computer Systems, Accounting) 12 credits
From University Transfer:
English 101/102 6 credits
Math 130 3 credits
4 Social Sciences courses 12 credits

TOTAL

69 credits

Students may study courses in any order, space permitting, except where prerequisites are indicated. Former students may apply for credit for courses taken previously.

Office Management Program

(Diploma in Office Management)

Length of Program

20 months

Admission Requirements

Grade 12 graduation or equivalent (GED or ABE Advanced) is normally required. However, Grade 10, ABE Intermediate and work experience in related business areas may be acceptable with the permission of the Program Coordinator.

How to Apply

Applications may be obtained from the Counselling Office of the Registrar's Office or from any one of the Regional College Centres.

Fees

See General Information section.

Financial Aid

See Financial Aid section.

Program of Studies

Level One

From the Bus. Careers Curriculum,
40 credits

- Typing 101, 102
- Business English 102, 103, 104, 105
- Office Procedures 101
- Accounting 101, 102
- Business Machines/Math 101
- Business Computers 101, 102, 103
- Word Processing Program 7E

Level Two

From the Bus. Administration Curriculum,
30 credits

- Management 150 (Management Theory)
 - Management 151 (Canadian Business I)
 - Law 150/151 (Canadian Commercial Law)
 - Accounting 150/151(Intro. Financial Acct.)
 - Management 250 (Canadian Business II)
 - Management 252 (Credit & Collections)
- PLUS 9 optional credits

NOTE: Normally, students will have completed Level One of this program before starting on Level Two. Students who are incomplete on Level One must have permission from the Director of Business Education.

Industrial Records and First Aid

To provide instruction in the maintenance of industrial records and to enable students to obtain a Class "C" certificate for Industrial First Aid.

Employment Opportunities are generally found in all industries which employ timekeepers certified to perform first aid duties.

Program Content

Accident Prevention, or	ACCD 101
Accounting	ACCT 101, 102
Payroll and Timekeeping	ACCT 103
Business Machines	BUSM 101
English Communications	BENG 103, 104
Spelling and Vocabulary	BENG 102
Office Practice	OFPR 101
Typing	TYPG 101 (30 WPM Net)
First Aid	FAID 101

Admission Requirements

Grade 12 education or equivalent (GED) is preferred, Grade 10 or ABE Intermediate, or equivalent is required.

Medical Examination

All trainees must fully meet Workers' Compensation Board medical requirements. The medical form MUST BE completed by the Trainee's physician, at his/her own expense, and presented to the College at the time of registration. This form is available from the College, the nearest WCB office, or from the WCB at 6951 Westminster Highway, Richmond, B.C. (Phone: 273-3878). Those who hold valid or recently expired B.C. Industrial First Aid tickets will not have to undergo the medical examination unless there has been a deterioration in health since the last medical.

Age

To qualify for the Workers' Compensation Board examination students must be 19 by the end of the program.

Examinations

The Workers' Compensation Board administers the Industrial First Aid examination which can be taken by persons who are 19 years of age and over. The \$50 examination fee is the responsibility of the trainee, and is paid one month prior to examination.

How to Apply

Prospective students may obtain application forms from the Student Services Office at the Terrace campus or from one of the Regional College Offices.

Fees

See General Information section.

Financial Aid Sponsorship

See Financial Aid section.

Business/Industry Services

Auden Birkedal - Coordinator

Business/Industry Services at Northwest Community College offers time and cost effective courses, seminars, workshops and clinics in many areas and levels to business, industry and government, organizations and individuals throughout the College region.

We offer a variety of courses in Technology, Forestry, Management/Supervisory Skills and in Business and Industrial based subjects. These courses can be matched to your specific interests and diversified needs.

The programs are presented at the College centres, on company premises or at an off-site location you select. They involve the participants, question them, and challenge them! The emphasis is on putting theory into practice - quickly and successfully.

Customized programs let you:

1. Tailor course design and content to the needs of your staff and organization.
2. Choose times and locations convenient to you.

To find out more about the programs and courses offered and subjects not listed, please call Auden Birkedal, Terrace, 635-6511, or contact your local College Centre.

Supervisory/Management Programs

Basic Instruction Techniques

This course will teach you to instruct and function effectively as a trainer on the job.

Content

You will:

1. Acquire some knowledge of the learning process.
2. Compare and discuss different methods of presentation.
3. Identify objectives and write them in performance terms.
4. Write the plan for a series of instructional sessions.
5. Write individual lesson plans.
6. Select audio-visual aids and be able to produce them.

7. Make an effective presentation of prepared material.
8. Assess whether learning has taken place.

Length of Course

Five days.

Fees

Please contact the Coordinator.

Location

As required throughout the College region.

Effective Written Communications

This is a workshop for working people who want practical suggestions and useful techniques to improve their on-the-job writing. It is an opportunity to learn and practice specific skills for writing effective memos, letter and reports that say exactly what you mean.

Content

Evaluation of current writing skills with specific comments on how to improve them; tools for dealing with on-the-job writing problems; up-to-date information on business writing; time management for writing projects; approaches to writing such things as instructions and unpopular messages, and techniques for organizing material to suit the writing task at hand.

Length of Course

Two- or three-day consecutive workshop.

Fees

Please contact the Coordinator.

Location

As required throughout the College region.

Management Skills for Supervisors

The Management Skills for Supervisors program is currently being offered throughout the College region. It includes 90 hours of integrated material covering a broad range of management skills. This is a Ministry of Education approved program. It is constructed to be highly experimental in nature to attract the trainee towards involvement in his own training. To that end, such devices as role plays, structured experiences, media experiences, self-scoring inventories and discussions have been liberally employed and supported by relevant theoretical concepts.

The program is organized into three parts.

- Part I Interpersonal Skills (3 days plus 1 day reinforcement)
- Part II Group Skills (3 days plus 1 day reinforcement)
- Part III Administrative Skills (3 days plus 1 day reinforcement)

The reinforcement module is normally held four to six weeks after the initial three days of teaching in conjunction with the next three-day part.

Admission Requirements

Participants are normally sponsored by their employer.

Starting Dates

Variable throughout the year.

Length of Program

Twelve days over a period of four or five months.

Location

This and other programs in Supervisory Management will be offered as requested throughout the College region.

Fees

Please contact the Coordinator.

Financial Aid and Sponsorship

Some reimbursement of fees may be possible for the sponsoring employer through Canada Employment. Please contact your local Canada Employment Centre for more information.

Time Management

This workshop will assist participants to be more productive at work, at home, in business and in education by using their time effectively.

Content

Evaluation of current writing skills with specific comments on how to improve them; tools for dealing with on-the-job writing problems; up-to-date information on business writing; time management for writing projects; approaches to writing such things as instructions and unpopular messages, and techniques for organizing material to suit the writing task at hand.

Length of Course

One day

Fees

Please contact the coordinator.

Location

As required throughout the College region.

Business Programs

How to Start Your Own Business

This seminar gives a step-by-step approach to start your own business.

An Introduction to Small Business Accounting

This seminar will help you learn how to set up and maintain financial records by performing bookkeeping functions, from the recording or initial transactions to preparing financial statements.

Increasing Your Profits

In this seminar, participants will develop techniques that can be used to reduce costs through more effective use of Financial Management Control Systems.

Seminar Length

6 hours.

Location

As required throughout the College Region.

Fee

\$65.00

Taxation for Small Business

This workshop explains and illustrates the main aspects of Taxation and defines the important elements.

The participants will learn:

1. Taxation vocabulary
2. Key provisions of the Tax Act
3. Implications of the Act as it affects partnerships
4. Special problems facing the small business person

Course Length

3 hours.

Location

As required throughout the College region.

Fees (Subject to Change)

\$40.00

Financing a Small Business

This course is designed as a clinic to discuss the financial needs of small business and the types and sources of financing.

Course Length

2 hours.

Location

As required throughout the College Region.

Fees (Subject to Change)

\$10.00

Industrial Programs

Other Upgrading and Mobile Training Programs available are:

1. Compressed Natural Gas
2. Air Brakes
3. Welding
4. Heavy Duty/Automotive Refresher
5. Hydraulics
6. Truck Operation and Basic Maintenance
7. Industrial Electronics (see Career Program Section)
8. Welding Upgrading (see General Welding)

Compressed Natural Gas

Stay abreast in Motor Vehicle Technology and register now for training to become a certified "Compressed Natural Gas (CNG) and Liquid Petroleum Gas (LPG) Installer" for motor vehicles.

This course is designed to prepare individuals in the motor vehicle industry to install and service CNG/LPG conversions and accessories.

Admission Requirements

Journeyman, certificate of apprenticeship, T.Q., or successful completion or pre-entry evaluation.

Course Content

Safety
Basic Test Equipment
Characteristics of CNG/LPG
Engine and ignition requirements
CNG/LPG components
Installation
Refuelling
Tune-up
Troubleshooting

Course Length

CNG - 30 hours * LPG - 18 hours

Start Dates

Contact Student Services

Fee (Subject to Change)

\$480

Auto Heavy Duty Electrical Refresher

This course is designed for auto and heavy duty mechanics to enhance their knowledge of electricity as applied to the mechanical field.

Content

- Batteries
- Circuits and Meters
- Starters and Switchers
- Alternators and Regulators
- Ignition Systems
- Gauges

Length of Course

30 hours.

Certification

Upon successful completion of the course, a certificate of completion will be presented to each student.

How to Apply

Contact your local College campus for further information on fees, times and locations of courses.

Hydraulics Upgrading

This course is designed for millwrights, mechanics, etc., to enhance their knowledge of principles of hydraulics and application of those principles.

Content

UNIT I Introduction to Fluid Principles, Properties of Liquids, Fluid Pressure, Fluid Control and Controlling Flow.

UNIT II Systems Components and Troubleshooting, Review of Pressure, Review of Flow, Pressure Control Valves, Flow Control Valves, Directional Control Valves, Reservoir Filters and Fluids, Pumps, Other System Components, Troubleshooting and Hydraulic Systems.

Length of Course

30 hours.

Certification

Upon successful completion of the course, the student will receive a certificate of completion.

Wilderness Guiding Skills

This is a very intensive three-week course designed to aid people planning to work in the guiding and hunting field in all parts of British Columbia.

Content

Horse care and use (wrangling, packing and horseshoeing); hunting (use and care of firearms, hunting regulations, skinning and capping, care of meat, fundamental wildlife management and tracks and tracking); natural history and non-hunting uses (wildlife inventory for the layman, fishing skills, photography and back-packing); emergency training (use of the various communications systems and first aid training); orienteering and survival (map reading, navigation by compass, weather forecasting and basic survival techniques); boating skills (use and care of small engines and water safety); and camp and trail cooking.

Certification

A Northwest Community College certificate will be issued to those completing the course satisfactorily.

Length of course

3 weeks. (Subject to change)

How to Apply

Contact the Smithers College Centre for dates, times and fees. Write NWCC Smithers, P.O. Box 3606, Smithers, B.C., V0J 2N0, or phone 847-4461.

Truck Operations/ Basic Maintenance Skills & Class 1 Drivers Training

Participants will receive training on all working components. They will learn:

1. To identify potential problems
2. To inspect and perform adjustments to air brake systems
3. To perform pre and post-trip inspections
4. Defensive driving and hazard avoidance
5. How to operate the truck/tractor under various conditions

Content

Engine and Support systems, Basic Power Trains, Steering Systems, Electrical Systems, Air Brakes, Tires and Maintenance, Trip Inspections, and Commercial Safety and Operating Procedures.

The vehicle practical section will be group and individualized instructions.

Class 1 - 10 hrs. vehicle time
(White Western Star Logging Truck)

NOTE: Before registering the participants must:

1. Make sure they meet the Provincial Physical requirements.
2. Obtain their Learners Permit from the Motor Vehicle Department.

Log Scaling

Coastal Log Scaling -

* Prince Rupert Campus only.

Interior Log Scaling -

As required, throughout College Region.

Learn the theory and practical skills of scaling. This course will include classification of species, measuring of forest products and use of the scale stick. Upon completion you will be prepared to take the Ministry of Forests written and practical exams, to obtain an Interior Scaling Licence or Coastal Scaling Licence as applicable. Students should have some math skills and knowledge of the metric system.

Requires 15 students to run.

* In conjunction with Forestry Exams -
LATE SPRING AND EARLY FALL ONLY.

Pesticide Applicator

1. Industrial
2. Forest
3. Landscape & Garden
4. Dispensers

This three (3) day course will present both the theory and practice required for qualification as a pesticide dispenser or applicator. Participants will have a better understanding of pesticides and their proper, safe use. Subjects to be covered include: Laws and Regulations (Federal and Provincial); Pesticide Registration, Labelling and Safety; Pesticides and the Environment; Applicator Technology. All participants will be required to write and pass an exam to receive certification. Any interested persons are welcome. There are no prerequisites. **Held throughout the College region as required.**

Dangerous Goods Training Program

We offer two courses that cover the following applicable areas:

- Classification
- Documentation,
- Safety Marks
- Basic Responsibilities

1. Shippers Course:

A six hour course for Shippers and Receivers of dangerous goods. The participants will learn to identify their responsibilities under the new regulations and how they can comply with them.

2. Driver Course:

A four hour course for truck drivers in the essential elements of the dangerous goods regulations they must know. The course covers; P & O and Warehousing, line haul of general cartage and bulk carriers.

These two courses are instructed by the B.C. Motor Transport Association and is held throughout our Regional Centres as required.

Early Childhood Education

Larisa Tarwick - Pre-school Training Program (Vancouver Community College, 1972),
M.A. (Pacific Oaks)

Rosemarie Goodwin - B. Ed., ECE Specialist - University of Alberta,
M.A. (Pacific Oaks) Thesis

Learning in the child's formative early years is increasingly seen as an area of vital significance. Throughout the Northwest Community College region, there is a need for trained men and women to participate in this education process. The Early Childhood Education program is designed to prepare students for employment in such areas as child care, nursery and pre-school supervision, early intervention and special education, and family day care.

Admission Requirements

Persons accepted into the program must:

- Present evidence of a medical examination indicating no physical, mental or emotional problems which might hinder the applicant in working with young children, and evidence of a skin test for TB.
- Have successfully completed Grade 12 and show evidence of good student potential.
- Have some experience with young children, particularly with groups of children. References may be presented at the time of interview.

Note: Mature students may be admitted without Grade 12 graduation.

How to Apply

Applications should be submitted through the office of the Registrar as early as possible. Additional information is available on request from the Registrar. Students will be interviewed by the Early Childhood Education Department before commencement of the academic year. After completion of the Fall, Winter and Extended semesters, students are required to have 500 hours of work experience. Students are then required to submit course transcript and documentation of 500 hours to Gayle Davies, Community Care Facilities Licensing Board, Ministry of Health, 5th Floor, 1515 Blanchard Street, Victoria, B.C., V8W 3C8.

Dates and Location

The program extends from September, until June. All students MUST ATTEND AN ORIENTATION CLASS ON THE FIRST DAY OF THE FALL SEMESTER. At present, the full-time program is offered at the Terrace campus.

Fees and Costs

For tuition fees, see the General Information section. Books and other supplies will cost approximately \$500 per year.

June - 19.

Fall Semester

- ✓ ECE 101 Program Development
- ✓ ECE 101B Seminar
- ✓ ECE 102 Curriculum Development
- ✓ ~~ECE 104~~ Health and Nutrition
- ✓ ECE 125 Practicum I
- ✓ ECE 134 Intro. to Child Development
- ✓ PSYC. 201-3 Developmental Psychology I

Winter Semester

- English 151-3 Technical Writing I
- ECE 121 Program
- ECE 122 Curriculum
- ✓ ECE 123 Issues in Family Living
- ECE 126 Practicum II
- ✓ ECE 128 Model and Methods of Parent Involvement
- ECE 129 Practicum III - May
- ✓ PSYC 202-3 Developmental Psychology II

Extended Semester

- ECE 131 Program Development III
- ECE 132 Curriculum Development III
- ECE 135 Working with Special Children

Post-Basic (Level II) Training Program

Under 3 Supervisor Training	Core Courses	Special Needs Supervisor Training
<ul style="list-style-type: none"> - Care and Guidance of Infants 60 hrs. (ECED 218) 4 credits 	<ul style="list-style-type: none"> - Infant Development and Growth 60 hrs. (ECED 201) 4 credits 	<ul style="list-style-type: none"> - Special Education and Programming 60 hrs. (ECED 250) 4 credits
<ul style="list-style-type: none"> - Under Three Practicum I 132 hrs. (ECED 227) 6 credits 	<ul style="list-style-type: none"> - Working with Families 30 hrs. (ECED 206) 2 credits 	<ul style="list-style-type: none"> - Special Education Practices Practicum I 60 hrs. (ECED 251) 6 credits
<ul style="list-style-type: none"> - Under Three Practicum II 132 hrs. (ECED 228) 6 credits 	<ul style="list-style-type: none"> - Health, Safety and Nutrition in ECE 30 hrs. (ECED 213) 2 credits - Administration Skills for ECE Centres 20 hrs. (ECED 208) 2 credits 	<ul style="list-style-type: none"> - Special Education Practices: Practicum II 1400 hrs. (ECED 252) 6 credits

Successful completion of one of the above programs leads to a College Certificate in Under Three Supervisor Training; the other to a Certificate in Special Needs Supervisor Training. In order to be registered in B.C., certificate holders must present proof of their successful completion of the Post-Basic (Level II) Program to the Provincial Child Care Facilities Licensing Board, Victoria, B.C.

Course Descriptions:

Courses and Practicum hours as outlined in the following descriptions are mandatory for completion.

Early Childhood Education 101: Program Development I

An introduction to planning and development of programs for pre-school centres, principles of guidance, use of materials and equipment, routines of play. (6,0,2)

Early Childhood Education 102: Curriculum Development I

An introduction to curriculum elements as related to child development; includes language, literature, art, music, science and social studies. (3, 3, 0)

Early Childhood Education 104: Health and Nutrition (HSW 163)

Methods of fostering sound health and nutrition practices in the young child. Special emphasis on day care and menu planning. Introduction to first aid and common childhood disorders. (3, 0, 1)

Early Childhood Education 121: Program Development II

History of early childhood with emphasis on modern theorists (Piaget, Montessori, Erikson, Skinner, etc.) (4,0,2)

Early Childhood Education 122: Curriculum Development II

A continuation of 121 with an emphasis in the curriculum areas of music, science and social studies. (6, 0, 0)

Early Childhood Education 123: Issues in Family Living

The course covers working with people, family forms, marriage and family patterns. It will examine the changes occurring in family life. (4, 0, 0)

Early Childhood Education 125: Practicum I

Opportunities for observation and recording child behaviour. The student is exposed to a variety of education and care facilities for young children. A five-week practicum in which a student will model behaviours of a competent aide. (0, 6, 1)

Early Childhood Education 126: Practicum II

To participate in a center, as an assistant, two days per week. (0,14,0), plus 3 week block practicum.

Early Childhood Education 127: Practicum III (May Practicum)

To participate as a staff member in one pre-school or day care centre for five weeks. (0, 35, 0)

Early Childhood Education 128: Models and Methods of Parent Involvement

Topics will include a variety of programs and methods of implementing parent work in different communities and institutional settings. (3, 1, 0)

Early Childhood Education 131: Program Development II

A continuation of 121 with an emphasis in the total programming area. Units of planning with themes will be the focus. (3, 3, 0)

Early Childhood Education 132: Curriculum Development III

A continuation of curriculum areas plus a unit and theme approach to developing teaching experiences for the Early Childhood program. (6,0,0)

Early Childhood Education 134: Introduction to Child Development

A study of child growth and development looking at ages and stages, and theories in the early years. Conception, pregnancy, birth through five years of age. Also, the class will examine and use a number of observation methods to develop a broad repertoire of data-collecting ideas. (3, 1, 0)

Early Childhood Education 135: Working with Special Children (HSW 160)

An introduction to causes of learning handicaps of the communicationally, physically, learning and severely handicapped. Recognition of behavioural commonalities among exceptional children, including the gifted. (4, 0, 0)



Distance Education by Teleconferencing

For 1987 - 1988 the Early Childhood Education Department at Northwest Community College will be offering teleconferencing courses in Early Childhood Education. (Guiding, and Caring of Infants/Health, Safety and Nutrition in Early Childhood Education.)

Teleconferencing enables students in B.C.'s Northwest to take credit courses in their community by linking them with their instructor and other students in more than one location.

Classes will include lectures, interactive seminars, audio and video tapes. A bridging of a series of telephone lines allows everyone to hear and talk to everyone else. Students will meet in their own communities.



Electronics Technician Program

Frank Woodward - V.I., Certificate (UBC), CET, MIPRE
Roy Hachkevich - Instructor Aide

The Electronics Technician Program prepares individuals to install, maintain, modify, calibrate, troubleshoot and repair telecommunications, industrial control, computer, entertainment, and other electronic systems. The student learns to safely use test equipment to analytically troubleshoot and repair most malfunctioning electronic equipment.

The Electronics Department tailors programs to meet student needs. Students may opt to take specific parts of the program for their own use, or to complete the total program and receive a college certificate. Computer aided instruction (CAI) processes used by the college enable a high degree of flexibility.

The Electronics Provincial Core will be offered via CAI (Computer Aided Instruction) and reinforced by short informal seminars. This is a unique approach to Electronics in a self study format.

Admission Requirements

Grade 12 or equivalent ABE (BTSD) Level 4 or adult status with Math 12 and Physics 11. The individual must be well motivated, keen analytical mind, problem-solving ability and be willing to give individual attention to detail.

The Core Program

The following courses are in a computer aided instruction format and are on a continuous intake basis. The modules are based on a 30 hour week. Expected completion time of each is listed as follows:

- | | |
|------------------------------------|----------|
| 1. Direct Current Electronics | 4 weeks |
| 2. Alternating Current Electronics | 4 weeks |
| 3. Semiconductor Devices | 4 weeks |
| 4. Digital Techniques | 4 weeks |
| 5. Microprocessors | 6 weeks |
| 6. Electronics Circuits | 10 weeks |

Specialty Programs

Following the completion of the Core Program, the student may opt to take either one of the specialty options. These specialties will be offered as and when demanded.

- 1) Telecommunications Specialty [Fixed Intake - 18 weeks]
Includes: 2-Way Mobile, Microwave and Satellite Communications Systems Maintenance, Multiplexing, Pulse Modulation and Fibre Optics.
- 2) Video Systems Specialty [Fixed Intake - 12 weeks]
Includes: The servicing of Hi-Fi, Black/White and Colour TV, TV Remote Controls and Video Recording Systems.

Electronics - Evening Courses

The CAI course will be offered from 3:00 to 10:00 p.m. on Mondays, Tuesdays and Thursdays in Terrace. Students who prefer may attend days, afternoons, or nights in order to complete the CAI Basic Electronics Program in a shorter time. Student Lab time is on a first come first use basis. Students are required to schedule station time. If he/she fails to attend pre-booked time, then their time slot may be re-allocated.

Electronic courses are offered at the following campuses:

Terrace 3:00 - 10:00 p.m.
Kitimat
Smithers
Prince Rupert

The following courses are offered:

- | | | |
|------------------------------------|-----------|------------------|
| 1. Direct Current Electronics | 120 hours | CAI Based |
| 2. Alternating Current Electronics | 120 hours | CAI Based |
| 3. Semiconductor Devices | 120 hours | CAI Based |
| 4. Digital Techniques | 120 hours | CAI Based |
| 5. Microprocessors | 180 hours | Not based on CAI |
| 6. Electronics Circuits (Health) | 120 hours | Not based on CAI |

The following additional electronic circuit options are available at the Terrace Campus and will require an additional 120 hours of lab time.

- trouble-shooting audio amps
- trouble-shooting power supplies
- trouble-shooting and aligning a.m. radio system using the Nida trainers
- introduction f.m. receivers
- db calculations

Fisheries and Marine Training

Captain Ben West, Director of Nautical Programs

The Department of Transport Regulations for the certification of Masters, Mates, Engineers and deck personnel for the fishing industry and the general stream, will be reviewed in January of 1987. There are many changes taking place, changes that will require certification of sea-going personnel who, up to the revision of the Regulations, were able to operate without a certificate.

The time to act is now. The Department of Transport has issued the warnings - don't be left behind!

The Northwest Community College, Marine Training Department, in Prince Rupert offers Ministry of Transport certificate preparation programs leading up to the examinations required for Watchkeeping Mate, the Command Endorsement to the Watchkeeping Mate, Fishing Master IV, III, II, and I, Master Minor Waters and Master Small Craft, upgrading tutorials for ON II and ON I levels, and Marine Engineer IV, III, and II.

1. The Certificate Preparation programs are offered in two modes:
 - a) Full-time daytime courses from 0830 hrs. to 1530 hrs., 5 days per week, commencing October, 1987.
 - b) Continuous-intake, self-paced format. This format allows a student to enter at any time during the year, take any part of the program and work at his own pace. The DOT examinations can be attempted on the fourth Monday of every month except August.
2. All parts of the program are modular with the examinations attempted on completion of each module.
3. The various levels of certification and modules required for each specific examination are listed below, along with the estimated average time of completion and estimated cost.
4. Financial assistance may be available through the Canada Employment Centre for some of the marine programs. Contact the Canada Employment Centre for further information.

Command Endorsement Certificate

Modules:	Estimated Time	Estimated Cost
042 Chartwork and Pilotage	5 wks.	
072 Meteorology	3 wks.	
090 Ship Management	1 wks.	
160 General Seamanship	2 wks.	
Tuition Fees - \$69 per month =		\$187
Additional Requirements are:		
Must hold Watchkeeping Mate Certificate		
Sen II at PMTI, Vancouver	1 wk.	\$102
MED II at PMTI, Vancouver	1 wk.	\$130
CPR (Part of the MED III)		\$ 25
Examination Fees		\$106
Total	13 wks.	\$550
Refundable Book Deposit		\$ 50

Deckhand Up-Grading [12 Weeks]

Introductory training for Certificate of Competency; a course for workers employed in the marine industry (towing, fishing, ferries and other areas), who wish to up-grade their skills to a level that will enable them to enter a program of certificate preparation leading up to ship's Master, Mate or Engineer. The objective is to train a deckhand in the theoretical and practical skills required to carry out his duties in a superior and efficient manner that he may be selected for training as a ship's officer and may enter an officer's training program with confidence.

Content

Basic Chartwork, Practical Seamanship, Theoretical Seamanship, Engineering Knowledge, Marine Emergency Duties, Fishing Skills (including net mending and hanging), Communication

Fishing Master II Certificate

Modules:	Estimated Time	Estimated Cost
041 Chartwork and Pilotage	5 wks.	
061 Navigation Safety	3 wks.	
157 General Ship Knowledge	3 wks.	
021 Navigating Instruments	5 wks.	
011 Communications	2 wks.	
072 Meteorology	3 wks.	
099 Ship Management	2 wks.	
168 General Seamanship	3 wks.	
Tuition Fees - \$69 per month =		\$ 442
Additional Requirements are:		
Standard First Aid	3 days	\$ 55
SEN I (B) at PMTI, Vancouver	2 wks.	\$ 102
MED II (A,B) at PMTI, Vancouver	2 wks.	\$ 225
MED II Part C may be taken at NWCC		
Examination Fees		\$ 190
Total	31 wks.	\$1,014
Refundable Book Deposit		\$ 50

Fishing Master III Certificate

Modules:	Estimated Time	Estimated Cost
041 Chartwork and Pilotage	5 wks.	
061 Navigation Safety	3 wks.	
157 General Ship Knowledge	3 wks.	
020 Navigating Instruments	3 wks.	
011 Communications	2 wks.	
167 General Seamanship	3 wks.	
Tuition Fees - \$69 per month =		\$ 323
Additional Requirements are:		
MED I	1 wk.	\$ 100
Examination Fees		\$ 148
Total	20 wks.	\$ 571
Refundable Book Deposit		\$ 50

Fishing Master IV Certificate

Modules:	Estimated Time	Estimated Cost
040 Chartwork and Pilotage	4 wks.	
061 Navigation Safety	2 wks.	
020 Navigating Instruments	3 wks.	
166 General Seamanship	3 wks.	
Tuition Fees - \$69 per month =		\$ 207
Additional Requirements are:		
MED I	1 wk.	\$ 100
Examination Fees		\$ 106
Total	13 wks.	\$ 413
Refundable Book Deposit		\$ 50

Master Minor Water

Modules:	Estimated Time	Estimated Cost
Chartwork and Pilotage	4 wks.	
Ship's Business and Knowledge	4 wks.	
Oral and Practical	4 wks.	
Tuition Fees - \$69 per month		\$ 207
Additional Requirements are:		
MED II (A,B) at PMTI, Vancouver	2 wks.	\$ 225
MED II Part C may be taken at NWCC		
Standard First Aid	3 days	\$ 55
Examination Fees		\$ 84
Total	15 wks.	\$571
Refundable Book Deposit		\$ 50

Master Small Craft (40 Ton)

	Estimated Time	Estimated Cost
Four-week period of tuition	4 wks.	\$ 69
Examination Fees		\$ 42
Total	4 wks.	\$111
Refundable Book Deposit		\$ 50

For those mariners requiring certificate preparation for certificates other than shown above, arrangements can be made through the Marine Training Department office. Canada Employment and Immigration Commission financial assistance is available for those students who qualify under Canada Employment regulations for sponsorship or student referral programs. Students should contact their local Canada Employment office before registering with the College. It is recommended that potential students take the sight test and complete all DOT documentation before commencing training. DOT documents may be obtained from the local Canadian Coast Guard (Ship's Safety Branch) office.

Watchkeeping Mate

Modules:	Estimated Time	Estimated Cost
041 Chartwork and Pilotage	5 wks.	
061 Navigation Safety	3 wks.	
151 General Ship Knowledge	4 wks.	
021 Navigating Instruments	5 wks.	
161 General Seamanship	3 wks.	
Tuition Fees - \$69 per month =		\$345
Additional Requirements are:		
Standard First Aid	3 days	\$ 55
SEN I (B) at PMTI, Vancouver	2 wks.	\$102
MED II (A,B) at PMTI, Vancouver	2 wks.	\$225
(MED II, Part C, may be taken at the NWCC)		
Each DOT examination is \$21.20		
with the exception of the oral examination which is \$42.40		\$ 127
Total	25 wks.	\$854
Refundable Book Deposit		\$ 50

Home Study Program

For the mariner who prefers to study at home or while at sea, N.W.C.C. has developed, and is developing a number of self-instructional modules to help prepare for specific D.O.T. examinations. Students work on their own; however, free tutorial help is available by telephone or a student may work with a tutor at the College when time permits.

Modules currently available are:

040 Chartwork and Pilotage	061 Navigating Safety
041 Chartwork and Pilotage	166 General Seamanship
020 Navigating Instruments	011 Communications
021 Navigating Instruments	072 Meteorology

Fee for each module - \$75.00

Other Daytime Courses Offered:

Net Repair and Hanging	Fee \$160	60 hrs.
Net Repair	Fee \$ 80	30 hrs.
Marine Emergency Duties I (MED I)	Fee \$100	1 week
Simulated Electronic Navigation I Part A (SEN I)	Fee \$ 69	4 weeks

Evening Courses Offered:

Coastal Navigation	30 hrs.
Celestial Navigation	30 hrs.
Net Mending	30 hrs.
Net Mending and Hanging	60 hrs.

NEW PROGRAMS

Marine Engineer Class IV Certificate

Instruction covers all areas of the syllabi of examinations for the Marine Engineer Class IV Certificate. To sit the examination, 36 months' time at sea in an engine room capacity is required. Remission will be granted for the time spent in marine engineering related industry or on approved courses.

Instructor:	T.B.A.
Time:	8:00 a.m. - 3:00 p.m. Weekly
Location:	Old Parker Ford Building
Fee:	\$69.00/month plus \$50.00 refundable tool deposit

Aquaculture

General Overview

Come in and put your name on a waitlist for a course commencing in September 1987, Northwest Community College, Prince Rupert Campus, will be offering a one year course in Aquaculture. This course is designed to meet the training needs of the expanding Aquaculture industry in the Northwest. In the classroom, students will be trained in a wide range of practical and theoretical subjects. This classroom instruction will be complemented by the practical portions of the course, during which students will gain work experience with operating Aquaculture enterprises.

Admission Requirements

Grade 12 graduation, including Biology 12 with Chemistry 11, Physics 11 and Math 11. Basic competence in English will also be necessary. Each applicant will be interviewed to assess his/her suitability for the program and this interview, together with the applicant's academic background will determine admission. Mature students and those not meeting all the entrance requirements may, in certain circumstances, be admitted with the permission of the instructor. Those applications will be considered by the College on an individual basis.

Courses:	Hours/Wk	Courses:	Hours/Wk
Biology 101	6	Biology 102	6
Aquaculture I	6	Aquaculture I	6
Aquaculture II	3	Aquaculture IV	6
Aquaculture III	3	Aquaculture V	3
Aquaculture IV	6	Hydraulics	3
Safe Boating	3	Basic Construction	3
Small Engines	3	Basic Boating	3

Course Outlines:

Biology 101-102: Introduction to Biology - A basic university transfer course in general biology.

Aquaculture I: Methods and Techniques in Aquaculture.

Techniques and equipment used in the culture of Salmonids. Life Cycles and Biology of Salmonids.

Aquaculture II: Water Chemistry, Site Selection, Permits, Licences and Management Plans.

Aquaculture III: Mariculture. - Suitability of a variety of organisms for culture. Methods and Techniques for culture of these organisms.

Aquaculture IV: Practicum.

The field component of the course will likely take the form of weekly work days at local farms and hatcheries, together with summer employment in the Aqua-culture industry.

Aquaculture V: Aquaculture Project.

An individualized project will be undertaken by each student with staff supervision and guidance.

Basic Boating:

Tides, Currents, Meteorology, Charts and Navigation as they apply to small boat operators.

Basic Construction Techniques:

Introduction to Construction and Fabrication with emphasis on safety and potential applications on an Aquafarm.

Business Education:

Business Report and Letter Writing, Record Keeping, Journals, Ledgers, Invoices, Bookkeeping for Income Tax Records.

Hydraulics:

An introduction to Fluid Dynamics, Water Systems, Pumps, Hydraulics and Plumbing Systems as they relate to hatchery design.

Introduction to Computing:

The use of Computer Programs for Small Business and specific experience with programs for Aquaculture.

Safe Boating:

Small Boat Operation and Safety, including First Aid and Marine Radio Operation.

Small Engine Repair Maintenance:

Fundamentals of service and repair and trouble shooting for small engines commonly used in the Aquaculture industry.

*Summer Practicum:

Three months employment on an Aquaculture Operation to be arranged for completion of course practicum.

DOT NEW REGULATIONS (Certificate of Service)

DOT is proposing for those fishermen who, under the new Regulations, will require a Fishing Master's Certificate and have operated a fish boat for not less than one year in the past five years, that a Certificate of Service will be issued on completion of an approved course. Northwest Community College is at present developing this course for approval.

For further information regarding Fisheries and Marine courses and new programs contact:

Capt. Ben West, Director of Nautical Programs
Northwest Community College
Prince Rupert, B.C.
Telephone: 627-7598



Health Continuing Education Program

Cherralee Roberts, R.N., Coordinator

The role of Health Continuing Education Programs at Northwest Community College is:

1. To provide for continuing education which attempts to maintain and upgrade the standards of a broad spectrum of health workers, both professional and paraprofessional, in the whole of the College region, such as nurses, social workers, counsellors, homemakers, dental assistants, long term care aides, etc...
2. To provide consultative and planning assistance for the on-going educational needs of community health support groups such as Foster Parents, Diabetes Society, etc...
3. To act as a consultant to Regional Directors in each Northwest Community College Centre with regard to preventive health courses for the general public.

To implement the above programs, needs assessments are completed in each community in the college region on a yearly basis. Inter-agency meetings are called which bring together representatives in the health and human service field to identify the continuing education needs of health workers and professionals. Health continuing education programs are then planned and often co-sponsored with agencies throughout the region following this assessment, or as identified on an on-going basis.

It is preferable to use local professional instruction wherever possible. In this regard, any health professional in the area who would like to share his/her expertise in any field to teach a continuing education program, is invited to contact the Coordinator for Health Continuing Education, at the college centre in Terrace.

Programs are offered on an on-going basis and individually publicized to appropriate target groups, and do not necessarily appear in the College brochures.

Long Term Care Aide/Homemaker Program

The Long Term Care Aide/Homemaker program is administered by the Health Continuing Education Coordinator at Northwest Community College.

This combined 14 week program prepares a graduate to function under supervision as a:

1. Long Term Care Aide in a personal care, intermediate care or extended care facility, and as a
2. Homemaker in a client's private home who will be competent and confident in performing specified skills and who will have the background knowledge of an "informed consumer".

Course Outline (Provincial Government Curriculum) is organized into seven major competency groups or tracks which are:

<u>Track</u>	<u>Theory</u>
E	Orientation to Health Field
D	Communications
G	Body Structure/Function - Basic Needs & Mental Health
C	Personal Assistance
A	Nutrition
F	Emergencies (SOFA)
B	A Safe & Clean Environment

The above theory is combined with labs and exams for seven weeks followed by a seven week practicum. The practicum is organized with the local Homemaker Agency for two weeks and with an Intermediate or Extended Care facility for five weeks.

Admission Requirements

1. Have completed Grade 10, ABE Intermediate, or its equivalent.
2. Reflect the desire and interest to work with people of varying ages and from various cultural backgrounds.
3. Submit a medical examination and immunization report prior to final acceptance.
4. Interview.
5. Supply own uniform.

Fees

Fees for this course are negotiated with the College according to cost.

This program can be organized in any of the communities served by Northwest Community College. For further information, contact:

Cherralee Roberts, Coordinator
Health Continuing Education
Northwest Community College
5331 McConnell Avenue
Terrace, B.C. V8G 4C2 635-6511

Human Service Worker Program

*Jake Muller, Coordinator - B.A. (U. of Guelph), M.A. (Dalhousie U.)
Lynn Hughes - Psychiatric Nursing (Manitoba) Diploma*

The Human Service Worker (HSW) program is for those people who wish to obtain training and skills in the social service. This training includes university transfer courses and special courses to prepare the student work at a para-professional level in helping and caring for people with different needs. Usually para-professional people are supervised by a professional person with a university degree.

This program is for people who want to train to be Human Service Workers such as home-school coordinators, child care workers, working with the mentally handicapped, teacher aides, etc. In general, anyone interested in learning more about skills in the social services will benefit from this program. Opportunities for graduates from this program include: child care workers, social work aides, financial assistance workers, native band social workers, life skills counsellors, etc.

Students who complete the program may wish to go on into professional careers in human and social services such as: social worker, family counsellor, probation officer, management positions within corrections, high school or college counsellor or any other professional position in the social services field.

Admission Requirements

Persons accepted into the program must:

1. Present evidence of a medical examination and evidence of a recent chest X-ray for TB.
2. Demonstrate a mature attitude, and must attain age 19 by graduation.
3. Submit two letters of reference from previous employers or knowledgeable community people (e.g. high school teacher, guidance counsellor, community group leaders).
4. Come for a personal interview prior to acceptance.
5. Grade 12 English writing level.
6. Recommend Accounting 101 & 102 for certain types of work only in the social services field.
7. Write a one page covering letter on why you would like to take the H.S.W. Program.
8. Have work or volunteer experience in the field of social and human services. (This is a recommendation.)
9. Students should be aware that some employers will request a Crime Prevention Information check from them as a stipulation of employment.
10. New students may be admitted to selected courses in January of each year.

How to Apply

Applications for the 1987-88 academic year should be submitted through the Registrar's Office as early as possible. Additional information is available on request from the Registrar.

Students will be interviewed by the HSW Department before the commencement of the academic year.

Dates and Locations

The program extends from September 1987 until June 1988. At present, a full-time program is offered at the Terrace campus, Northwest Community College.

All students are required to attend our orientation at 9:00 a.m. on the day after Labour Day (Room 213).

Fees and Costs

See General Information section.

Probation

In addition to maintaining satisfactory academic progress, i.e. GPA of 2.5, students are expected to develop a level of interpersonal and helping skills necessary for successful performance in the human relations field. Admission to the practicum requires permission of the practicum supervisor as well as successful completion of the HSW course work.

A student who fails to develop to the necessary level of skill required for successful completion of the practicum may, in consultation with the HSW instructors and the agency supervisors, be required to go on probation, in which the student would be expected to either meet the necessary standards within a set time period (as determined by HSW instructors, the students and agency supervisors), or be required to withdraw from the HSW program.

Transfer Credit

Some Human Service Worker graduates go on to university for their BSW degree. All university transfer courses which form an integral part of the program will be transferable. In addition, the University of Victoria awards, on an individual basis, additional transfer credit for HSW courses. Interested students can obtain further information from the program instructors or a counsellor.

Human Service Workers' Program

Semester 1

English 151-3 Business & Technical Writing
HSW 141-3 Intro. to Social Welfare
HSW 143-3 Issues in Social Services
HSW 151-3 Counselling Skills I
HSW 153-3 Human Growth & Development
HSW 163-3 Food & Health
HSW 164-3 Behaviour Intervention
HSW 191-3 Practicum I
Psychology 101-3 Intro. Psychology I

Semester 2

HSW 142-3 Social Policy & Procedures
HSW 144-3 Dev. of a Community Agency
HSW 162-3 Counselling Skills II
HSW 166-3 Working in Community Services
HSW 168-3 Computers in the Social Services
HSW 192-3 Practicum II
HSW 193-3 Practicum III
Psychology 102-3 Intro. Psychology II

Course Descriptions:

English 151-3:

Business and Technical Writing

Methods and forms of business and technical communications, including business correspondence, resumes and interviews, technical reports and communication with media. (3, 0, 0)

HSW 141-3:

Introduction to Social Welfare

This course will introduce the student to the general field of social welfare. The primary emphasis is on the various aspects of the Canadian welfare system which is examined within a historical perspective in order to provide an understanding of current practice and services. (HSW 141 & 143 were formally offered as HSW 155) (3.5, 0, 0)

HSW 142-3:

Social Policies and Procedures

Agencies and policies of particular significance to this region will be examined: e.g. The Ministry of Social Services and Housing and its administration of the GAIN Act; Department of Indian Affairs and Northern Development and its implementation of the Indian Act and local bands' structures. The perspective of the human service worker dealing effectively with these community resources will provide the focal point to the course. (HSW 142 & 144 were formally offered as HSW 155) (3.5, 0, 0)

Pre-requisite: HSW 141

HSW 143-3:

Issues in Social Services

This course allows the student to explore social service issues in depth, (e.g. Specialist/Generalist/Urban/Rural). The emphasis is on providing the ground work for an analytic frame and practice in a rural northern context. (3.5,0,0)

Pre-requisite: HSW 141

HSW 144-3: Development of a Community Agency

This course introduces the student to forming a social service agency for our diverse northern area. The emphasis is on the development, organization and operation of a potential agency. A seminar format is utilized throughout this course. (3,5,0,0)
Pre-requisite: First term HSW, plus HSW 142, HSW 166

HSW 151-3:

Counselling I

The course introduces the student to the basic processes and content of counselling. It defines role of self concept, perception non verbal communication and self-awareness in counselling. This course is geared toward the human service worker student but may be of interest to those with more advanced training interested in improving their basic communication skills. (3.5, 0, 0)

HSW 153-3:

Human Growth and Development

The course offers a study of the growth and development of people, taking a life-span approach - from prenatal development to birth and infancy, to childhood, to adolescence, to adulthood and to old age. Growth is seen as an ongoing human process with different physical, emotional, social and cultural aspects at each age and phase. (3.5, 0, 0)

HSW 162-3: Counselling Skills II

This course introduces the student to various counselling approaches. It identifies counselling strategies and provides opportunity for practical application of these skills through role play and structured exercises. This course stresses the importance of cross cultural awareness and addresses the reality of cultural

differences. Individuals already employed in the social services may find this course beneficial for a refresher course in counselling skills. (3.5,0,0)

Pre-requisite: HSW 151, or permission of Instructor.

HSW 163-3: Food & Health

An analysis of food and health in the social services. An introduction to first aid is also included. (3.5,0,0)

HSW 164-3: Behaviour Intervention

Students will study how behaviour is learned and how it can be relearned for effective living. This will include the basic tools for behavior change - reinforcement, goal setting and contracting, problem solving and decision making skills, assertiveness training. This course may appeal to the individuals who want to make some changes in their behavior and to facilitate change in others. (3.5, 0, 0)

HSW 166-3:

Working in Social Services

This course teaches the student about working in community and social organizations. The student will learn about structure and process of organizations, how to work in and with committees and how organizations and agencies relate to the development of the community. (3.5, 0, 0)

HSW 168-3:

Computers in the Social Services

This is an introductory course to teach human service worker students about computers and their use in social services. An overall understanding of the general principles of how computers work is conveyed. The main focus is on word processing. Considerable "hands-on" experience is included. (3.5, 3.5, 0)

HSW 191-3: Practicum 1

This course provides an introduction to the agencies and facilities that provide human services in the community. The emphasis is on first-hand field experiences with visits to a

wide variety of community resources and meeting the professional personnel who provide the services. Each practicum day will include classroom seminars focussing on the student's role within the various agencies as practicum settings, as well as classroom instruction. (3.5, 6, 0)

HSW 192-3: Practicum II

This course is designed to continue the preparation of the HSW student for an 8 week Spring Practicum. It includes further study into the agencies and facilities in the community. The focus of the total program is on networking to ensure the student works in partnership with other agencies, community support groups and professionals in the field. The student will apply to practicum placements, be exposed to interviewing panels and finally choose a placement best suited to the student. Workshops will form part of the content of this course for the student to develop and strengthen skills needed to analyse their own practice and apply theory to it. (3.5, 6, 0)

Prerequisite: Successful completion of all course work to date with a G.P.A. of 2.5 or at the discretion of the instructor.

HSW 193-3: Extended Practicum

This course is an eight week block placement at an approved agency or institution following the completion of the academic semester. This practicum will allow the student to become thoroughly acquainted with the function of the agency and to learn to work within the structure in a human service worker capacity. This will include working with the consumer in the following roles: counselling, advocacy, education, group work and community development. (0, 30, 0)

Prerequisite: Successful completion of all course work with a G.P.A. 2.5 and Permission of instructor.

Machinist - Millwright Training Program

*Del Torgalson- Interprovincial Trades Qualifications (Millwright),
Instructors Diploma (UBC)*

The Machinist and Millwright Training Program provides trainees with the skills needed for entry level employment in industrial (mining, milling and manufacturing) enterprises in British Columbia. Employment is generally high paying and of a permanent nature. While working conditions will vary they are generally in-plant, and comparable, or superior, to most other trades occupations.

First level of training is available in both Terrace and Prince Rupert.

The remainder is available at the Terrace campus only.

Millwright Specialty

Prerequisite - Grade 10, or ABE Intermediate, or equivalent.

Length - approximately 6 months (varies with student performance).

Content

Trade safety, math and science, technical drawing and writing. Use of tools, power tools, measuring tools, material handling and equipment, equipment installation, power drives, hydraulic and pneumatics, preventative maintenance.

Machinist Specialty

Prerequisite - Grade 10, or ABE Intermediate or equivalent. (Better than average mathematical and mechanical comprehension skills a definite asset).

Length - approximately two months after completion of Machinist/Millwright Occupational Core

Content

Machinist measuring tools, heat treatment, drilling machines, band saws, shapers, planers, slotters, lathes, precision grinders, vertical & horizontal milling machines.

In addition to the above pre-apprenticeship programs, Northwest Community College is now offering a **Cooperative Advanced Millwright Apprenticeship Program**. This program is designed to provide the entire apprenticeship technical training of the Millwright over 3, 3-month semesters. A four week co-op work term placement in the Millwright trade will follow each semester. The intensity of the training allows for the acceptance of only 16 highly motivated students with the necessary prerequisites. Successful completion of the C.A.M.A.P. grants the student 18 months credit on the 4-year Millwright Apprenticeship. An additional 30 months of Millwright Apprenticeship Training according to Ministry of Labour guidelines enables the student to write the Interprovincial Millwright exam.

Prerequisite: Successful completion - TRAC with Millwright Specialty

Start Date: September 8, 1987.

Applications will be accepted up to October 2, 1987 for spaces not filled by September 8th.

Mechanical Training Program

*Bruce Mackee - B.C. and Interprovincial Trade Qualifications
(Heavy Duty and Automotive) Instructor's Diploma (UBC).*

The Mechanical Training Program provides students with skills needed for employment in junior levels within businesses and industries concerned with the maintenance and repair of automotive, marine, industrial or construction equipment. Employment opportunities for graduates may be found in logging, mining, transportation, industrial manufacturing, automotive, marine and recreational vehicle service industries.

Working conditions may vary from in-shop locations to in-field mechanical repairs in winter months. Generally, wage levels in the Mechanical field are among the highest in the trades fields. The entrance level (mechanical core) for the following programs is available at both Prince Rupert and Terrace. The academic portion is offered at all campuses. Second level (Occupational Core) and Third level (Specialties) are offered only at one location as noted below. The estimated time required to complete the total program is also noted.

Northwest Community College is presently in the process of combining Automotive and Heavy Duty Mechanics with the intent of being able to offer this course in September 1987. This combination will extend course length to approximately 10 months and will enable students completing the course to obtain both Automotive and Heavy Duty Mechanics completion certificates. Successful completion entitles students to write the first year apprenticeship exams in both fields. By completing both courses your chances of employment are substantially increased.

Automotive-Heavy Duty Mechanics

(Specialty at Terrace Campus)

Prerequisite - Grade 10, or ABE Intermediate, or equivalent.
Length - approximately 7 months (varies with student performance).
Starting Dates - course is ongoing with registration every Monday.

Content

Trade safety, trade math and science, technical drawing, processing technical information, use of tools, shop equipment operation, welding, electrical components, testing and repair, hydraulic systems, brakes (air and hydraulic), internal combustion engines, suspensions, tires, steering systems, transmissions, final drives, undercarriage, winches and fuel systems.

Mobile Air Brakes

This course prepares drivers for a written and practical serviceability test of air brake systems in use on motor vehicles.

Participants will be given proof of course attendance and practical examinations by the instructor in order to take the written test at the Motor Vehicle Branch within 30 days from the completion of the course.

Admission Requirements

Students must meet Motor Vehicle Branch standards for the class of Driver's Licence desired. Those students who require an industrial endorsement must have a letter of proof from their employer stating they have operated off-highway equipment and must also be prepared to submit to a medical examination.

How to Apply

Contact your local campus for dates, times and fees.

Marine Engine Repair

(Specialty at Prince Rupert campus)

*Al Kenny - B.C. Trade Qualifications (Automotive and Heavy Duty)
Instructor's Diploma (UBC)*

Prerequisite - Grade 10, or ABE Intermediate, or equivalent.
Length - approximately 10 months (varies with student performance), 11 1/2 months with diesel option.
Starting dates - Course is ongoing with registration every Monday.

Content

Trade safety, trade math and science, technical drawing, processing technical information, welding, use of tools, electricity, mechanical shop equipment, service outboard engines and support systems, service support brackets and gearcases, service inboard engines and support systems, remote controls, outdrives, tilt, trim, rigging a boat. (Optional) - Service diesel engines and support systems.

Modular Welding Program

(an individualized program)
Continuous Intake

Peter Haigh - "A" Certification, Instructor's Diploma (UBC)

Welding is an industrial art in a highly competitive field. It requires constant physical coordination of arms, hand, eyes and brain. The welder develops manipulative skills through manual training. A graduate of this program will have gained sufficient practical experience and related theory to find employment in most welding fields.

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

Due to technological development, welding equipment and techniques are continually changing, thus a welder, though employed, should constantly strive to update his/her skills. (The Welding Shop is open from 8:00 a.m. to 3:00 p.m. Monday - Friday and from 6:00 p.m. to 10:00 p.m. Tuesdays and Thursdays. All programs are available on a full-time or part-time basis to suit your needs.)

Admission Requirements

As these programs have been set up to be a self-study, self-paced program, applicants should have a minimum of Grade 10 or ABE (BTSD) Level III, although it would be to their advantage, not only on the course, but also in securing employment, to have completed Grade 12 or equivalent (GED). Applicants must be able to work well on their own and should possess good reading and comprehension abilities.

How to Apply

Prospective students may obtain application forms from the Student Services office at the Terrace Campus or from one of the local College offices. Prospective students for this program may be placed on a wait list. It will be essential for students interested in this program to apply as early as possible so that a training space will be available when required. (See application procedure in the General Information section of this calendar.)

Books

The College lends books to students who pay the regular security deposit (\$50).

Financial Aid and Sponsorship

See Financial Aid section.

Dress

Students entering the Provincial Welder Training Program or Welding Upgrading must supply gloves, goggles (No. 5 or 6 lens), welding helmet (No. 10 or 11 lens), measuring tape (metric and imperial), leather jacket and hard-toed boots. Contact lenses are not permitted.

Provincial Welder Training Program

The Welder Training Program is divided into modules; each module covers a welding area such as gas cutting or carbon arc gouging. Some modules cover the same welding area but at different levels. For example, P-4 is SMAW-11 and P-11 is SMAW-111. The curriculum for the modules is the same in all accredited welding training centres in British Columbia.

There are two types of modules: Practical Modules (P-Modules) deal with the actual practice of welding processes; Related Knowledge (RK-Modules) deal with the theoretical knowledge required to competently perform the welding processes.

All modules are competency-based. A trainee welder must perform welding tests to established provincial standards on practical aspects of the module and achieve a minimum standard of 70% on each theory test before being recorded as having completed a module. The same tests and standards are applied in all accredited welding training centres in British Columbia.

Program Content Level "C"

- P1 - Introduction and Program Orientation
- P2 - Gas Cutting
- P3 - Gas Welding & Braze Welding
- P4 - Shielded Metal Arc Welding I
- P5 - Shielded Metal Arc Welding II
- P6 - Gas Metal Arc Welding I
- Flux Core Arc Welding
- RK1 - Material Handling
- RK2 - Blueprint Reading
- RK3 - Metallurgy I (Introduction only)

Program Content Level "B"

- P7 - Shielded Metal Arc Welding II
 - P8* - Gas Metal Arc Welding II
 - P9* - Flux Core Arc Welding II
 - P10* - Gas Tungsten Arc Welding I
 - RK4 - Welding Quality Control & Inspection
 - RK5 - Code Standards & Specifications
 - RK6 - Blueprint Reading II
 - RK7 - Metallurgy II
- * Choose one only P-8, P-9, or P-10.

Program Content Level "A"

- P11 - Shielded Metal Arc Welding III
- P12 - Gas Tungsten Arc Welding II
- RK8 - Metallurgy III
- RK9 - Blueprint Reading III

Length of Course

This program is offered Monday through Friday on a continuous-intake basis. The estimated length of the program is:

- Level "C" - Approximately 7 months
- Level "B" - Approximately 3 months
- Level "A" - Approximately 2 months

Due to current economic conditions, the Ministry of Labour in conjunction with the Ministry of Education has made the decision to waive the mandatory work experience section of welding training. This means that as students complete a Level (e.g. Level "C"), they are able to proceed directly into the next Level (e.g. Level "B") without the "mandatory work experience", mentioned above.

Welder Registration - Theory & Practical Challenge Tests

When application is made through the Ministry of Labour to Grandfather into the B.C. Welding System, upgrading is available before challenging theory or practical exams. For more information contact the Welding Shop at the Terrace Campus.

Welding Fundamentals - Principles & Practices

We are offering the Welding Institute of Canada course "Welding Fundamentals, Principles and Practices". This theory course will consist of 12 individual modules (listed below), which can be taken in succession or at random. Although the course is designed for advanced welders or foremen, anyone is eligible. This program will be on a continuous intake/exit format.

1. Fundamentals of Welding Technology
2. Basic Joints, Blueprint Reading & Preparation for Welding
3. Symbols for Welding
4. Welding Processes & Equipment
5. Power Sources for Welding
6. Electrodes and Consumables for Welding
7. Welding Distortion and Residual Stresses
8. Basic Metallurgy and Material Specification
9. Basic Welding Metallurgy of Structural Steels
10. Weld Faults and Causes
11. Basic Inspection Technology
12. Mechanical Testing of Welds

Cost of this course is \$25.00 per module plus tuition.

Autobody Gas Metal Arc Welding (GMAW/MIG)

This wire feed course is designed to introduce autobody repair men to the new theoretical and practical welding technologies used on new model vehicles. The course will be of approximately 30 hours duration and will cover areas such as types of wire, gases, metals, etc.

Welding Upgrading

Upgrading is available to those presently or recently employed in welding jobs wishing to improve their techniques or become proficient in special processes.

Students wishing boiler pressure vessel certification are required to apply directly to the Welding Department for information. The assessment of credentials will be done by the welding instructors and the boiler inspector.

Additional Programs

We are open to suggestions for courses which may be of interest to companies or individuals.

For more information on Welding Programs, please contact the Welding Department at the Terrace Campus.



Northwest Professional Nursing Program

Today's registered nurse assists people in meeting health needs in collaboration with other members of the health care team including dietitians, occupational therapists, pharmacists, physicians, physiotherapists and social workers. Demands made upon nursing professionals range from providing information on health concerns to promoting proper health care, preventing disease, providing restorative care and emotional support. Although it is a high-stress profession, both men and women find general nursing a rewarding career. **Northwest Community College is asking for funding to start a program in August 1988.**

The Northwest Professional Nursing Program is a professional nursing transfer program. Students take the first year of the British Columbia Institute of Technology (BCIT) General Nursing Program at Northwest Community College (NWCC) and, upon successful completion of the first year transfer to BCIT, Burnaby, to complete course work in the General Nursing Program. This program is open to all persons having the necessary prerequisites. Academic up-grading is available through the Northwest Community College Adult Basic Education Department.

Admission Requirements

1. (A) Applicants under 23 years of age at the time of entry into the program.

Senior secondary school graduation with:

- a) Chemistry 11 and either Chemistry 12 or Biology 12 (preferred) with a minimum of C+ standing in both courses.
- b) Algebra 11 with a minimum of C standing.
- c) English 12 with a minimum of C+ standing.
- d) Experience in the health care field as a volunteer and/or employee in a general or private hospital or extended care facility preferred.

OR

1. (B) Applicants over 23 years of age at the time of entry into the program.

Senior secondary graduation or equivalent, e.g. : GED or ABE with:

- a) Chemistry 11 and either Chemistry 12 or Biology 12 (preferred) to be completed within two years prior to enrolment with a minimum of C+ standing in both courses.
 - b) English 12 with a minimum of C+ standing is desirable.
 - c) Experience in the health care field as a volunteer and/or employee in a general or private hospital or extended care facility preferred.
2. A valid St. John Ambulance standard First Aid certificate or equivalent is required by the end of Term 1, and preferably prior to entry into Term 1. Currency must be maintained throughout the program.
3. CPR course (Basic 1) must be valid and current prior to entry into term 4.
4. Completion of the immunization program is required before final acceptance into the program.
5. A physical examination by a physician of the applicant's choice, indicating satisfactory health.
6. A satisfactory interview where the following will be assessed:
- knowledge of and motivation towards a nursing career
 - financial preparation
 - communication skills
 - experience in the health care field.

Professional Cook Training

Richard Kilborn - CPM, P. Mgr., V.I. Certificate (UBC), Director

B.D. Parkes - CCDC, V.I. Certificate (UBC)

These programs are intended to train individuals for employment as cooks at a junior level in a wide variety of food outlets in the food catering industry. The work in the food catering industry is carried on in such diverse places as logging, mining and construction camps, trains and ships, resorts, lunch counters, restaurants and hotels, private clubs, hospitals and other institutions.

Cook Training Offers Four Options:

1. Short Order Cooking Programs 3 months
2. Camp Cooking Program 6 months
3. General Cooking Program 12 months

The above are pre-employment programs designed for people who have decided to make a career for themselves in the hospitality industry.

4. Upgrading up to 3 months

Admission Requirements

Completion of Grade 10, ABE Intermediate or equivalent. It would be to the advantage of the applicant for the program, and in securing future employment, to have completed Grade 12 or equivalent (GED).

Adults who do not meet the educational requirements may have their work experience assessed in lieu of the stated educational minimum. Applicants must have an interest in, and an aptitude for cooking. Students are required to present a health certificate indicating freedom from communicable disease.

Fees

See General Information section.

Books and Supplies

Up to \$145.

Starting Times

Currently classes start at 6:30 a.m. and finish at 2:00 p.m. One hour is allowed for lunch.

Dress

Uniforms are provided and laundered, but it is necessary to have good protective, leather footwear.

Short Order Cooking

This is an introductory program to the fast-food industry, which provides a concentrated period of theory and practical work in the following sections:

- Safety, Sanitation and Personal Skills
- Vegetables
- Meats, Poultry and Seafoods
(Grilling, Broiling, Pan Frying and Deep Frying)
- Sandwiches and Salad Production
- Breakfast Cookery
- Convenience Foods

This program is intended to prepare people for employment as short order cooks at a junior level in the fast-food areas of the food catering industry. Individuals seeking this type of employment must be alert and quick-thinking, and be able to work well under pressure. The benefits are gainful employment in the food catering industry in both full-time and part-time work, with opportunities of advancement.

Camp Cooking

This program is designed to provide a concentrated period of theory and practical work in the following sections:

- Safety, Sanitation and Personal Skills
- Breakfast Cookery
- Sandwiches and Main Course Salads
- Vegetables
- Meat, Poultry and Seafood Cookery
- Baking
- Elementary Kitchen Management

This program is intended to prepare individuals for employment as a cook's assistant at a junior level, in exploration, mining, logging and construction camps.

People seeking this type of employment must be prepared to work long hours, sometimes in isolated places, but the benefits can be very rewarding, such as time off, advancement within the industry and, with experience, an excellent salary.

General Basic Cooking

This program is designed to provide a thorough knowledge of basic skills through theory and practical work, in the following sections:

- Egg and Breakfast Cooking
- Stocks, Soups and Sauces
- Vegetables
- Seafoods
- Cold Kitchen Preparation
- Meat and Poultry Cookery
- Short Order Cooking
- Baking and Dessert Production
- Safety, Sanitation and Personal Skills
- Elementary Kitchen Management

This program is intended to prepare people for employment as a cook or cook's assistant, depending on the place of work, in all phases of the food catering industry.

The program has a very high success rate for those individuals who wish to pursue a career in the trades, through the Journeyman's Exam and advancement within the industry. With experience, you can gain very good salaries and job security.

Upgrading Program

This program is for individuals who have been, or who are working in the industry and want to upgrade their skills or gain new ones, whether for personal pride in their jobs, a necessary requirement by their employer, or for the advancement within the industry.

The content of the program is designed in an interview with the applicant, to assess the skills and length of time needed to complete the upgrading.

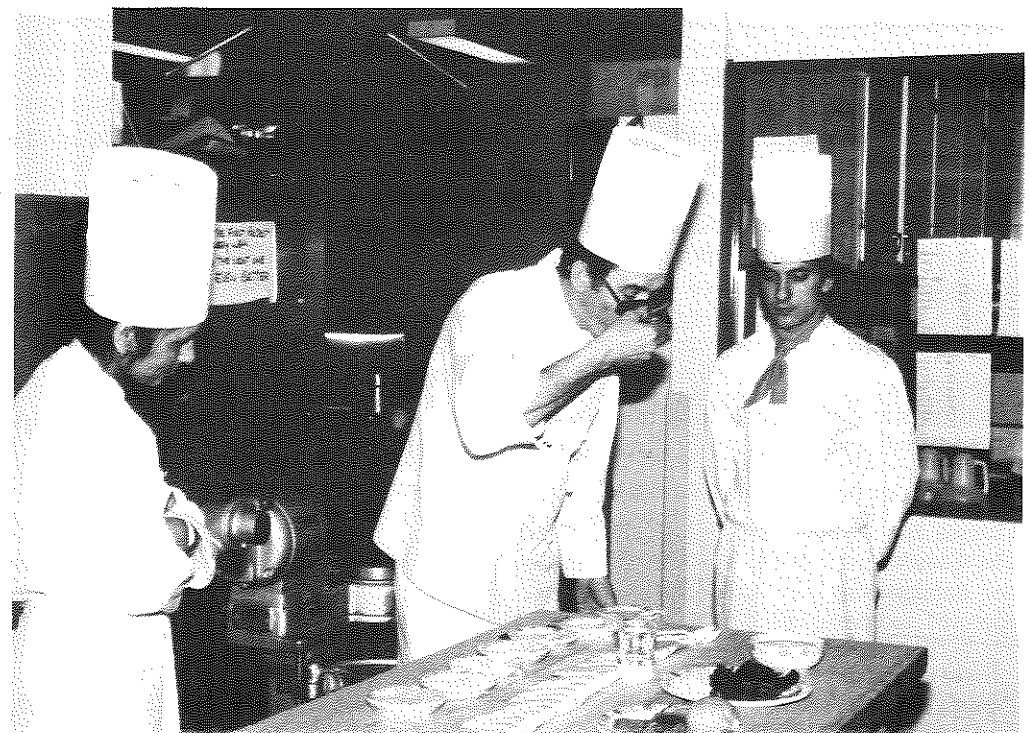
Evening Courses

The following evening courses are offered.

Meat Cutting - Designed for the Meat Hunter

Cake Decorating - Beginner

Prospective students should watch for the regular brochure in early September and January.



Financial Aid Programs Available at Northwest Community College

Financial Aid and Sponsorship

The financial implications of attending College should be considered by all prospective students. Students who are uncertain or who anticipate financial difficulties are urged to contact the Financial Aid Officer for information and advice **well in advance of registration.** The following is an estimated budget for a student at Northwest Community College. Individual costs will vary, depending on spending habits, program studies and family expenses.

Per Semester or a 4-Month Vocational Term

	Living at Home	Living on Campus	Living in Rental Accom.
Tuition	\$276-340	\$276-340	\$276-340
Student Association	\$ 4	\$ 4	\$ 4
Books and Supplies	\$100 - \$400	\$100 - \$400	\$100 - \$400
Room and Board	0 - \$1,000	\$1,460 - \$1,660	\$1,800 - \$2,600
Local Transportation	\$ 150	\$ 75	\$150
Miscellaneous	\$ 450	\$ 450	\$450
Totals	\$980 - \$2,344	\$2,365 - \$2,929	\$2,780 - \$3,944

Note 1: Students should also budget for deposits, additional school supplies and clothes up to a total of \$150 for some programs; some program.

Note 2: Transportation costs to and from home should be calculated in addition.

Note 3: These are estimates for single students. Married students or students with dependents will have higher expenses.

Sponsorship Programs

The following information is an outline of the sponsorship programs available. For detailed and up-to-date information as to how you may qualify for sponsorship, you are encouraged to apply directly to the government agency involved.

Canada Employment and Immigration Commission

The Canada Employment and Immigration Commission (formerly the Department of Manpower and Immigration) may authorize financial assistance through local offices for persons entering approved vocational training courses which will assist them to:

- (a) upgrade present work skills; or
- (b) retrain for a new job.

Persons referred to these full-time training courses by an Employment Counsellor, and who qualify for Unemployment Insurance benefits, will be paid such benefits during training.

Trainees not eligible for benefits may be paid training allowance. Additional allowances may be paid to trainees who must commute more than 48 km per day or who must live away from home while continuing to maintain a household. Trainees may also receive a travel grant to cover the cost of travel between their home and place of training.

To be eligible for financial assistance, trainees must be 16 years of age or over and must not have attended school on a regular basis for at least 12 months.

For further information, contact your local Canada Employment Centre.

Ministry of Social Services and Housing

The Ministry of Social Services and Housing, through its district offices, provides assistance to people who:

- (a) are currently in receipt of Income Assistance under the GAIN Act;
- (b) meet the eligibility requirements and are not deemed "job ready"; or
- (c) are not able to obtain employment that would provide adequate remuneration to make them self-supporting without further educational or vocational training.

When training is seen as a constructive method of assisting an individual to become self-sufficient, the Ministry of Social Services and Housing will provide eligible Income Assistance recipients with a training allowance to enrol in a course approved by the Ministry.

This financial assistance is primarily given to improve a person's employment potential, but there is a flexibility to allow for underwriting the cost of life skills or parent role-strengthening courses where this will improve a family situation.

Under the G.A.I.N. Act and Regulations, training or educational assistance is limited to a two-year training or educational program, ordinarily vocationally orientated. Persons attending a college or university on a degree program do not qualify for training allowances.

For further information, contact the individual in the Ministry of Social Services and Housing responsible for your Income Assistance benefit.

Vocational Rehabilitation Services

The primary objective of Vocational Rehabilitation Services is to facilitate the optimal vocational development and adjustment of working-age individuals who are disabled as a result of accident, disease or birth. Vocational Rehabilitation Services accepts referrals of disabled persons from community agencies, family physicians, parents, guardians and individual disabled persons. Eligibility for acceptance as a client for vocational rehabilitation is based on two criteria:

- (a) The presence of a physical or mental disability which for the individual constitutes or results in a substantial handicap to employment. (This may vary in severity.)
- (b) A reasonable expectation that vocational rehabilitation services may benefit the individual in terms of employability.

In essence, the responsibility of Vocational Rehabilitation Services is to function as a broker on behalf of the disabled individual and to assist him to use all available resources to achieve maximum economic independence. These resources may include:

- (a) Counselling and guidance as on ongoing process during the rehabilitation process.
- (b) Physical and mental restoration services purchased for the client as needed.
- (c) Vocational and other training services including remedial education.
- (d) Maintenance and transportation when needed to help the client receive the benefits of other services.
- (e) Services to members of the client's family which are necessary to the adjustment or rehabilitation of the disabled individual.

- (f) Placement in suitable employment after completion of rehabilitation.
- (g) Post-employment services when necessary to assist disabled persons to maintain suitable employment.
- (h) Other goods and services which can be reasonably expected to benefit disabled individuals in terms of employability.

In addition to functioning as a broker on behalf of the disabled, in terms of direct service delivery, Vocational Rehabilitation Services also plays a role in terms of regional resource development for the disabled. Vocational Rehabilitation Services has a responsibility to promote in every way possible an awareness of the needs of disabled persons in general, and to assist in development of facilities to meet those identified needs. For further information, contact: Vocational Rehabilitation Services.

Federal Department of Indian Affairs

The Federal Government provides a comprehensive program of financial assistance to status Indian people who meet Treasury Board requirements and who qualify for enrolment in technical, college or university training at a variety of educational institutions.

Indian students who wish to enrol in pre-vocational or vocational training programs should apply to their Band office or to Canada Manpower.

British Columbia Youth Foundation Loans

Interest-free loans can be made to bona-fide B.C. young people to a maximum age of 30. Loans may be for fees, books and/or a monthly allowance to assist with living expenses when the applicant is not living at home. A suitable adult guarantor is usually required. Applicants should have an aptitude for their chosen field of study and a reasonable chance of success. Hopefully, they should contribute some of their own money to the cost of their education. Students eligible for government loans should first apply to that source. Further information may be obtained from the Financial Aid Officer.

First Citizens' Fund

Financial aid is available through the First Citizens' Fund to native students enrolled in B.C. academic post-secondary programs. The principal objectives of the First Citizens Fund is to contribute support to projects involved with the advancement and expansion of the culture, education, economic circumstances, and position of persons of the North American Indian race who were born in and are residents of the Province of British Columbia.

Both status and non-status students who are obtaining passing grades and who can demonstrate financial need are eligible to apply.

Interested applicants must submit:

- (a) Proof of Indian ancestry (Band Number or a letter from a recognized Indian Organization).
- (b) A self-written letter describing background and involvement with Indian organizations and activities, and stating financial requirements.
- (c) Two letters of recommendation from any of the following: a school counsellor, teacher, principal, chief, previous employer, band councillor, clergyman or recreation director, etc.
- (d) A transcript of recent marks.
- (e) Completed appropriate application form.

Forms for the First Citizens' Fund Incentive Bursary may be obtained from the Financial Aid Office or the First Citizens' Fund Administration, Ministry of Provincial Secretary and Government Services, Parliament Buildings, Victoria, B.C. V8X 1X4.

Northwest Community College Awards

Northwest Community College administers a limited number of scholarships and bursaries. Due to the limited monies available, applicants must normally first apply to the B.C. Student Assistance Plan/Canada Student Loan Program.

Awards are made throughout the academic year. Applicants may receive more than one award during their program, so students are advised to apply whenever they have financial need. Applications are retained for the current awards period only. Students must apply to be considered.

Applications can be obtained from any College Centre and must be returned to the Financial Aid office by the first of the month in which the awards are scheduled to be made. Awards are usually made in September, October, November, January, February, March April, May and June. Scholarships are awarded on the basis of academic excellence while bursaries are awarded primarily on the basis of financial need.

Northwest Community College Entrance Scholarships

Recent secondary school graduates from within the College Region and with high academic standing who enrol in Northwest College full-time programs could be eligible to apply for a tuition reduction in the form of an entrance scholarship. The amount of the tuition reduction will be based on the average of the grades on the "Transcript of Grades".

A average =	100% of tuition
B+ average =	75% of tuition
B average =	50% of tuition

Applicants for these awards must have graduated from a recognized secondary school program within the Northwest College region (School Districts 50, 52, 54, 80, 88 & 92) not more than 12 months prior to their start date at the College. For further information contact any College Centre or your School Counsellor.

Academic Workers' Union, CUPE Local 2406

1. Jeff Marvin Memorial Bursary

One \$250 bursary for Native students. This bursary was established to provide a continuing memorial to Jeff Marvin's dedication in providing post-secondary education to meet the needs of Indian people in Northwest British Columbia.

2. Rhena Gardiner Memorial Bursary

One \$400 bursary for an Early Childhood Education student. This bursary was established to provide a continuing memorial to Rhena Gardiner's dedication to the education of young children, especially to those with special needs.

Alcan Bursary Fund

Alcan Smelters and Chemicals Ltd. has established an on-going bursary fund of \$500 per year. This fund is the result of a generous donation to the Northwest Community College Endowment Fund. Applicants for Alcan Bursaries must be enrolled in full-time credit programs and must have demonstrated financial need. The College Financial Awards Committee may elect to split this award between more than one applicant, should the circumstances warrant.

B.C. Telephone Awards

\$1250 has been made available by the B.C. Telephone Company. The awards will be given as either bursaries or scholarships at the discretion of the Financial Awards Committee. The preference for these awards is for Scholarships to second-year students.

Credit Union Foundation

A grant of \$500 is available to Northwest Community College on an annual basis. It is the desire of the Trustees of the Credit Union Foundation that the grant be made to technical, academic, or vocational undergraduate student(s) who might otherwise have difficulty completing their studies by reason of financial hardship.

Knox United Church Bursary Fund

Knox United Church in Terrace has, through a donation to the Endowment Fund, established this fund in celebration of the International Year of Youth, 1985, in the amount of \$250 annually to be awarded to students enrolled in the A.B.E. program with first consideration being given to students between 15 and 18 years of age.

Northwest Community College Bursary Fund

Northwest Community College has established a general bursary fund with money received from local contributors and designated earnings from the Endowment Fund. This money is intended to be awarded at any time throughout the year to students with good academic standing who may find themselves in financial difficulty.

NWCC Bursary Fund - Houston

NWCC Bursary Fund - Kitimat

NWCC Bursary Fund - Smithers

The Regional College Centres in Houston, Kitimat and Smithers have each established bursary funds to assist students attending each particular regional centre. Students should apply on the College Financial Aid Application Form.

Prince Rupert Rotary Bursary Fund

The Rotary Club of Prince Rupert, through a donation to Northwest Community College Endowment Fund, has established an ongoing bursary fund of \$250 per year. The first priority for awarding this money will be to full-time credit students tending class at the Prince Rupert campus or to Prince Rupert students attending programs in Terrace. Students from other areas would be eligible if the award was not made in the first semester to a Prince Rupert student.

Skeena Cellulose Bursary Fund

Two \$300 bursaries are available annually. One to be awarded to a student enrolled in full-time studies at the Terrace or Prince Rupert campus and is the son or daughter of a Skeena Cellulose employee. The second bursary is to be awarded to any full-time student from within the College region.

Thunderbird Emergency Loan Fund

Established in part by a donation from the Northwest College Student Association, this fund can be used for small, short-term loans.

Westar, Pohle Lumber Division Awards

Westar has established a Scholarship and Bursary Fund at Northwest Community College which will award two \$300 scholarships in September of each year to the applicants who have the most outstanding achievement among the students entering full-time studies at the second-year level in any Northwest Community College program. In addition, four \$300 bursaries are to be awarded annually. Applicants will be expected to be full-time students in Northwest Community College programs of more than two months' duration, who are in good academic standing and experiencing financial difficulty.

Vancouver Foundation Bursary

The Vancouver Foundation has established a large fund to be awarded as Bursaries to Northwest Community College students. These funds are to be awarded to full-time students who have identified vocational or academic objectives, and who, along with their families where possible, are contributing towards their educational costs.

Governor General's Silver Medal

The Governor General's Silver Medal is awarded each year to an outstanding student in a two-year program. The student who is selected for the prestigious award will be at the top of his or her class and have demonstrated exemplary citizenship at the College and in the community.

Lieutenant-Governor's Silver Medal

The Lieutenant-Governor's Silver Medal is awarded each year to a student in a vocational or career program of one year or less. The student selected will be one who has not only excelled in his or her studies, but has also contributed in a positive way to the life of the College or to the Community.

C.G.A. Continuing Education Tuition Scholarship

The Certified General Accountants Association of B.C. offers an annual \$600 Continuing Education Tuition Scholarship to a graduate of the Business Management (Accounting) diploma program at Northwest Community College. This scholarship will be applied to your first year's tuition on the C.G.A. program. To apply, you must make formal application to the Financial Aid Office or the Business Administration program Co-ordinator at Northwest Community College. The College will select the candidate and inform the C.G.A. Association no later than June 30th.

The Society of Management Accountants

The Society of Management Accountants is a non-profit organization whose funding is derived solely from its members. The Society does offer \$500 remission of fees scholarships to graduating students from the College who continue their studies with the Society.

The David H. Mapleton Prize in Credit Management

Mr. David H. Mapleton, President of Credit Management Services, awards an annual prize of \$100 to the student with the highest standing in the subject of Credit Management in the Northwest College Business Programs. Mr. Mapleton is a former resident of this College region, having been born and raised in Telkwa. The prize is intended to encourage and recognize high academic achievement and to acknowledge the standards of the Northwest College programs.

Northwest Community College Endowment Fund

The Endowment Fund was established in December, 1984 in response to a challenge from the Vancouver Foundation. Its purpose is to earn interest under the management of the Vancouver Foundation. The principal donations to the Endowment Fund are never spent but the interest it generates each year is used for financial assistance in the form of grants and scholarships for deserving students.

Over the first two years, through the generosity of large numbers of individuals, corporations, clubs, groups, the College, and the Vancouver Foundation, the principal in the fund has grown to \$110,000.00. This money is already generating interest which is being used for much needed student assistance.

Corporations, businesses, service clubs, unions and individuals may contribute tax-deductible donations to the fund by contacting the College. Your contribution will remain in the fund permanently and continue to provide student aid money.

For information, call Brian Loftson, 635-6511.

British Columbia Student Assistance Plan

This is a comprehensive program of assistance based on need for post-secondary students to ensure that British Columbia residents are not denied the opportunity to reach their educational objectives due to financial constraints.

PURPOSE

The purpose of the B.C. Student Association Program is to assist students whose resources are insufficient to provide for the cost of full-time post-secondary education. Funds provided under the program are intended to supplement, not replace, the student's own financial resources and those of the student's immediate family.

DISTRIBUTION OF FUNDS

The B.C. Student Assistance Program is composed of two inter-related components:

- (a) The Canada Student Loan Plan, funded by the federal government and provincially administered, allows for a repayable loan up to \$105 per educational week.
- (b) The British Columbia Provincial Loan Program, funded by the province, allows for a repayable loan up to a maximum of \$2,400 per year.

Loans remain interest-free until six months after the student terminates full-time studies.

The amount of assistance awarded is based on assessed need as determined by the provincial authority.

ELIGIBILITY REQUIREMENTS

Eligibility for assistance requires enrolment in at least 60% of a full course load in a designated program of study leading to a degree, diploma, or certificate. Most College students enrolled in programs of 12 weeks or longer are eligible. In order to remain eligible, the student must maintain this level throughout the application period. All students are required to establish British Columbia residency status in order to be eligible for financial assistance through this program.

WHEN TO APPLY

It is in the best interest of the applicant to APPLY EARLY, at least nine weeks prior to the beginning of classes.

REPAYMENT OF LOAN

Normally you must begin repaying six months after you leave school. If this is impossible, you may apply for interest relief.

PART-TIME STUDENTS

Guaranteed loans for part-time students attending post-secondary courses are available under a program funded by the Government of Canada and administered by the Provincial Government. Students must be enrolled in a program of at least 12 weeks duration and be enrolled in less than 60% of a full program of study.

APPLICATION PROCEDURE

Applications are available at the Student Services Office and at Regional offices. Please submit applications to the Financial Aid office in Terrace.

B.C. GOVERNMENT POST-SECONDARY SCHOLARSHIP PROGRAM

As of April 1, 1985, students who successfully complete 80% of a full course load of undergraduate studies are eligible for scholarship consideration. Only under special circumstances are students in the final year of undergraduate studies eligible to earn a scholarship.

Amount

The top 10% of eligible students from each faculty will receive a scholarship to be applied to tuition fees as follows:

Colleges/Institute	\$200 per semester/\$400 per year
Universities	\$300 per semester/\$600 per year

The next 20% of eligible students from each faculty will receive a scholarship to be applied to tuition fees as follows:

Colleges/Institute	\$100 per semester/\$200 per year
Universities	\$150 per semester/\$300 per year

To claim the scholarship, students must re-enrol in at least 60% of a full course load of undergraduate studies at a B.C. post-secondary institution which is eligible for B.C. Student Loan funding, and be in good standing with the B.C. Ministry of Education (Students on the Restricted List will not be eligible).

Time Limit

The students may return to studies and claim the scholarship up to 16 months following the month in which they wrote the final exams for the year of study in which the scholarship was earned.

Work Study Program

The program is designed to provide on-campus work experience for students requiring financial assistance while attending a post-secondary institution. The program is open to British Columbia residents studying at participating universities, colleges and institutions located in British Columbia. Further information may be obtained from the Financial Awards Office.

Adult Basic Education Student Assistance Plan

ABESAP is a provincially sponsored program which provides for direct educational costs to students enrolled in programs such as:

- Basic Literacy
- Academic Up-grading
- English Language Training
- Employment Orientation Programs

Who May Apply

Any person who is:

- a British Columbia resident
- enrolled at a participating secondary/post-secondary institution in a recognized Adult Basic Education program
- not receiving financial assistance for educational expenses from any other source.

Application Procedure

Applications are available at the Student Services Office and at Regional offices. Please submit applications to the Financial Aid office in Terrace.

Loan Remission Program

The provincial government wishes to support academic, technical, and occupational training achievement by reducing student indebtedness.

Eligible Students

All students who graduated since April, 1985, and who negotiated British Columbia Student Loans. Students attending University Transfer programs in colleges are not eligible for loan remission until they complete their undergraduate degrees at University.

Amount of Remission

All graduating students, 25% of negotiated loan principal. Graduates who qualify for the Special Geographic Factor, 33% of negotiated loan. Qualifying students should be notified of loan remission by the Student Services Branch, Ministry of Advanced Education and Job Training.

Financial Aid Available from Other Sources

Northwest College lists these awards only for the information and convenience of both donors and applicants. The College can accept no responsibility for their continuance or any restrictions that may be deemed unfair to any particular group or person.

High School Scholarships and Bursaries

Students entering from high schools in the College region are eligible for a number of locally administered scholarships and bursaries. Some awards are specifically intended for those students entering vocational programs. For detailed information on those awards available from your school, see your high school counsellor.

B.C. Cultural Fund Scholarship Assistance Program

A number of scholarships are available annually in order to assist in the fine arts education and to stimulate advanced studies and professionalism in talented and dedicated British Columbians.

Junior Scholarships - to a maximum of \$1,000 per year for a maximum of four years (upon re-application each year) for students engaged in full-time study, up to and including second year of a university and/or community college in a fine arts program. Further information and application forms for the above awards may be obtained by writing to: Cultural Services Branch, Minister of the Provincial Secretary, Parliament Buildings, Victoria, B.C., V8V 1X4.

BCGEU Student Scholarship

The B.C. Government Employees' Union offers annual scholarships consisting of ten awards worth \$500 each for students related to BCGEU members. All applicants must be relatives of BCGEU members in good standing or relatives of deceased or retired members, i.e. spouse, parent, child (includes stepchild and foster child), brother, sister, grandchild. Applicant must be registering in a B.C. institution for post-secondary or post-graduate studies for courses of eight months or longer. Students must have an academic standing of C+ or better in previous year's courses and in courses presently enrolled in. For mature students this requirement would be waived. Include a typed personal letter to the Committee explaining why you are applying for this scholarship and detailing your academic goals and career plans. On back of application form, give an indication of your career plans, a summary of estimated expenses, and a list of other scholarships you have applied for. Also attach a transcript of last year's marks. A typed essay of 1,500 to 2,000 words about the "role of public service unions in your community and how they affect you" must also be included. Accompanying this essay must be a list of those unions in your community, all reference material noted, and personal contacts should also be noted. The essay must be accompanied by a completed application form which is available from the address below. The Scholarship Committee comprises the union's 2nd Vice-president and five regional vice-presidents. Applications are available from and must be returned to: BCGEU, 4911 Canada Way, Burnaby, B.C., V5G 3W3. Application deadline is February 28.

B.C. Indian Arts and Welfare Society Memorial Bursary

A bursary of \$100 will be awarded annually by the B.C. Indian Arts and Welfare Society in memory of those Indian Canadians who gave their lives in either World War. Native Indian applicants must be from the Province of B.C. and must be planning to enter one of the established

universities or colleges in B.C., or a recognized technical school or other training centre. The award will be made by the Executive Committee of the B.C. Indian Arts and Welfare Society. If no application is received from a student entering first year university, then the bursary may be awarded to a student enrolled in any of the senior years. Apply to: The Honorary Secretary, B.C. Indian Arts and Welfare Society, c/o Provincial Museum, Victoria, B.C.

British Columbia Paraplegic Foundation

(a) International Year of Disabled Persons Bursaries

In recognition of the International Year of Disabled persons, these bursaries were created to financially assist students with disabilities and will be awarded on merit and the basis of financial need. Several annual bursaries of \$500 each will be available.

(b) John MacNeal Scholarship

John MacNeal became a paraplegic in 1953 when he was injured in a logging accident. He owned and operated a lumber mill in Prince George, but when he decided to retire he sold the mill. A member of the Canadian Paraplegic Association, he generously donated funds to establish an annual scholarship to be presented to disabled students in order to encourage them to continue their education. Scholarships are awarded to students in recognition of their academic endeavours and/or to financially assist them with their schooling.

(c) Don Vaux Scholarship

This scholarship was established in memory of Don Vaux who worked for the B.C. Division of the Canadian Paraplegic Association as a Rehabilitation Counsellor. He helped, guided and assisted many disabled persons in their rehabilitation, which enabled them to return to the community and lead a meaningful life. The scholarship is to be awarded to a disabled person to further his/her vocational or academic training and is to be used specifically for tuition, tools, equipment or books.

To be eligible for the above awards, the disabled student must be a resident of B.C., Canadian Citizen or Landed Immigrant. Application forms can be obtained by contacting the Grant Coordinator, B.C. Paraplegic Foundation, 780 S.W. Marine Drive, Vancouver, B.C. V6P 5Y7. Application deadline is August 15.

Cal Callahan Memorial Bursary

The Pipe Line Contractors' Association of Canada is offering a bursary or bursaries to the total of \$2,000 per annum, to be awarded annually to sons, 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 first year studies in any field at a recognized University or College in Canada. Selection will be made by the Executive Committee of the Association from applicants, based upon scholastic record and financial need provided that they otherwise qualify. Applications may be obtained from the Association's Executive Office, Suite 203, 698 Seymour Street, Vancouver, B.C., V6P 3X6 and must be returned by not later than September 30, accompanied by a receipt or other proof of enrolment.

Canadian Army Welfare Fund Bursaries

The Canadian Army Welfare Fund has established an Educational Bursary Program to encourage and assist dependants of former members of the Canadian Army (Regular) or Canadian Special Forces (Korea), who served between October 1, 1946 and January 31, 1968. Selection of recipients is based on financial need, scholastic ability, and length of service in the Canadian Army. Bursaries are granted for full time tuition at a Canadian University, College or Technical Institute requiring not less than two years, leading to a certificate, diploma or baccalaureate degree. No assistance is provided for graduate studies. Applicants must not be older than 25 years of age, single, and able to provide details of their parents' Army service, ie: rank, service number and length of service. Application deadline is July 1. For applications write to The Manager, Bursary Program, Canadian Army Welfare Fund, P.O. Box 719, Postal Station B, Ottawa, Ontario, K1P 5P8.

Canadian National Institute for the Blind

A \$200 per year grant is given to blind students to offset some of the expense in hiring readers. Eligible persons should apply to the Director, B.C.-Yukon Division of CNIB, 350 East 35th Avenue, Vancouver, B.C., V8W 1C6.

Children of War Dead

The Department of Veterans' Affairs under the Children of War Dead (Education Assistance) Act provides assistance in respect of tuition fees up to \$800 per year as well as a monthly allowance. Eligibility is determined by the applicant being dependent upon a pension being paid during some period prior to application for training. Contact the College Counsellor, Special Services, Department of Veterans' Affairs, 1155 Robson Street, Vancouver, B.C., V6E 1B9.

IAMASCO

A number of \$1500 scholarships are available annually to disabled students pursuing studies at an undergraduate level. Apply by June 1 to: Canadian Awards Section, AUCC, 151 Slater Street, Ottawa, Ontario, K1P 5N1.

Independent Order of Foresters

A series of bursaries, to a maximum of \$500 each, are offered to members in good standing for not less than two years, or the dependants thereof, of the Independent Order of Foresters. Applicants must reside in the jurisdiction of the High Court of British Columbia and Alaska (Province of British Columbia; State of Alaska). Application forms are available from: Mr. G. A. Francey, High Secretary, High Court of British Columbia and Alaska, 1902 London Street, New Westminister, B.C., V3M 3E5. Application deadline is August 31.

Nancy Greene Scholarships

Twenty-six awards valued at \$1,000 each are awarded annually to students who combine athletic and academic achievement, leadership and participation in school and community affairs. The students must have lived in B.C. for the past year and be graduating from a B.C. senior secondary school (including independent and private schools) and plan to attend a designated post-secondary education institution. Submission date is May 1.

For more information, contact either school principals or the Athlete Assistance Co-ordinator, Recreation and Sport Branch, Ministry of Provincial Secretary, 1200 Hornby Street, Vancouver, B.C., V6Z 2E2.

Bill and Elsie More Memorial Award

In memory of loving parents Bill and Elsie More, several bursaries (to a total of approximately \$1,000 per year) have been made available through the Bill and Elsie More Indian Bursary Fund of the Vancouver Foundation to assist native students in B.C. for post-secondary education. Preference will be given to applicants in the helping professions such as: education, social sciences, nursing/medicine, law and theology. The award is open to status and non-status Indian students in any post-secondary institute. Students should submit a letter of self-description, expressing their sincerity and interest in accomplishing their educational goal plus demonstrated financial need. Applications can be submitted anytime and should be sent to: The Bill and Elsie More Indian Bursary Fund, Vancouver Foundation, 900 - 1199 West Pender St., Vancouver, B.C., V6E 2R1.

Frank Morris/Royal Canadian Legion Branch #13

This bursary was established from the estate of Frank Morris, an early and long-time resident of Terrace. Bursaries of varying amounts are awarded each year to students pursuing post-secondary study. The criteria used are scholastic ability, character, and a relative of someone who has been a resident of Terrace when enlisting in the Armed forces, or who has resided in Terrace for five years after honourable termination from the Service. The applicant must have been a Terrace resident for the immediate past two years. Applications should be returned to Branch #13, Royal Canadian Legion, 4425 Legion Ave., Terrace, B.C., V8G 1N7, Attn: M. Burdett, by June 15 of each year.

Navy League of Canada Scholarships

Scholarships of \$100 are awarded annually to Royal Canadian Sea Cadets, former Sea Cadets, Navy League Wrenettes or former Wrenettes with at least 12 months' service entering first year at a Community College. Applications can be obtained from the Navy League of Canada, National Council, Suite 910 - 85 Range Road, Ottawa, Ontario, K1N 8J6. Deadline is August 11.

Pacific Association for Continuing Education (PACE)

ELIGIBILITY: - applicable to part-time or short term students
- open to residents of B.C.
- recipients are eligible for only one bursary award
- must demonstrate proven financial need

The bursary shall be applied to tuition fees or course materials and awards shall vary between \$50 and \$100 for any one period of study.

APPLICATION PROCEDURE: - application must be in writing
- applicant must describe the reasons for seeking the bursary
- application must be submitted one month prior to the commencement of the learning activity.

Applications and enquires should be addressed to PACE Bursary Committee, c/o Mrs. Barbara Clague, 2832 West 36th Avenue, Vancouver, B.C., V6N 7R1.

Patrick Graham Memorial Awards

The British Sailors' Society Canada has given a \$250 bursary for a student in the Fisheries and Marine Training Program. To be eligible, students must be a son or daughter of a Canadian Seaman and furthering their education in Marine matters. Students should apply to the British Sailors' Society, 73 Water Street, Vancouver, B.C. V6B 1A1.

Prince Rupert Regional Hospital Awards

1. Dr. R.G. Large Scholarship

This scholarship is in the amount of \$500 and is awarded annually to a former Prince Rupert Senior Secondary School student upon enrolment in a registered nursing program at either a community college or university.

2. Dr. L.M. Greene Scholarship

This scholarship will be in the amount of \$500 and is awarded annually to a former Prince Rupert Senior Secondary School student who is interested in pursuing a vocation in any of the health care fields. Applications can be obtained from the Office of the Administer, Prince Rupert, B.C., V8J 2A6. Deadline is June 30.

Registered Nurses Foundation of B.C.

This year the RN Foundation of B.C. has 18 bursaries available to students who are accepted into or enrolled in: - a basic program leading to nurse registration
- baccalaureate, masters or doctoral programs
- clinical specialty programs
- refresher programs
- research study seminars

Those who have completed a specialty or refresher program within the current calendar year may also be eligible for bursary. Bursary awards range from \$200 to \$1,000 and more if funds are available. Eligibility varies with each bursary. Winners will be announced in October. Deadline for applications is September 30 (except Groundwater Bursary - deadline is August 1). For information or to apply, contact the Registered Nurses Foundation of B.C., 2855 Arbutus Street, Vancouver, B.C. V6J 3Y8.

Rixon Rafter Scholarship

This fund will make available scholarship awards of from \$500 - \$1,000 to legally blind Canadians pursuing post-secondary studies with strong career aspirations. Grants will be based on financial need, academic achievement and career goals. Applications are available from CNIB Career Counselling Services and should be submitted to the Chairman, The Rixon Rafter Scholarship Committee, The W. Ross MacDonald School, Brantford, Ontario, N3T 3J9 before July 31. A letter of support from your CNIB Career Counsellor must accompany your application.

The Robinson and Buckland Bursary

This bursary is sponsored by the Canadian National Institute for the Blind. Captain Merrill C. Robinson, blinded since 1917, was the Director of the Canadian National Institute for the Blind, B.C.-Yukon Division, from 1929 to 1964. Donald Channing Buckland, a graduate and distinguished faculty member of UBC, was himself overtaken by blindness a few years before his death. Bursaries are issued a maximum of two times to applicants enrolled in a four year program and once to those enrolled in a two year program. The student must be registered with the CNIB. Application forms, available from the CNIB, are to be submitted no later than August 15 to the Executive Director, CNIB, 350 East 36th Avenue, Vancouver, B.C., V5W 1C6.

Royal Canadian Legion (Pacific Command)

The Royal Canadian Legion (Pacific Command) offers annually a number of awards of \$500 to \$1,000 for students proceeding from secondary school to a post-secondary institution. These bursaries are awarded on the basis of financial need, academic standing, and participation and achievement in student and community affairs. Preference is given to sons and daughters of deceased, disabled or other veterans, but applications from other worthy students are considered. Deadline is May 31. For application forms and further information contact local Legion offices. Completed applications are to be returned to: Pacific Command, The Royal Canadian Legion, 3026 Arbutus Street, Vancouver, B.C., V6J 3Z2.

Sons of Norway Foundation in Canada

Three scholarships of \$600 each and three bursaries of \$400 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. The awards are tenable at any recognized College, Vocational Institute or University in Canada and can be for any study year. Deadline is July 30. Applications to be submitted to Sons of Norway Foundation in Canada, 311 - 6635 McKay Avenue, Burnaby, B.C., V5H 2X3.

Terry Fox Humanitarian Award Program

Renewable scholarships tenable at any Canadian University or College. Awards are valued at \$3000 annually, or \$2000 if no tuition fee is applicable. Awards are renewable for a maximum of four years or until a first degree is obtained. Application forms are available from the Financial Awards Office or from Terry Fox Humanitarian Award Program, 711 - 151 Sparks St., Ottawa, Ontario, K1P 5E3.

Vancouver Foundation Student Aid Funds

The Vancouver Foundation operates a number of funds with specialized objectives or purposes which are administered directly by Vancouver Foundation officers. These sources of student aid are described below:

1. The Thomas and Dorothy Burgess Fund

This fund may assist students at any level of study in technical or academic programs related to any branch of Forestry in B.C. Professionals pursuing continuing education programs are not eligible, except in unusually necessitous circumstances. Three awards up to \$300 each are available annually.

2. The Ingledeu Bursary Fund

This fund may provide bursaries or scholarships to deserving students in the fields of science and music in the province of B.C. Two awards of \$200 each are available annually.

3. The H.R. MacMillan Family Fund

A primary purpose of this fund is the provision of aid to students entering study at the post-secondary level in B.C. who live in communities where MacMillan Bloedel Ltd. has operations. Students at the undergraduate level may be assisted also. Approximately 50 awards are available annually in amounts of \$250 to \$600.

4. The Lord Strathcona Fund

Eligible applicants shall be women who were born in Great Britain - including Scotland, Ireland and Wales - and who are pursuing studies at the post-secondary level in British Columbia. Awards are made on basis of financial need and academic ability. Students at the post-graduate level may be considered. Up to ten awards are available annually in amounts ranging of \$200 - \$600 .

5. The William and Emily Ross Fund

This fund may provide financial aid for students at the post-secondary level who are physically handicapped. Eligible applicants are B.C. residents pursuing studies at a recognized institution in B.C. or elsewhere. Up to ten awards are available annually in amounts of \$200 - \$600 .

Application to the above funds can be made by writing to Vancouver Foundation and supplying the following information:

- (a) A biographical letter in which the student briefly describes his or her family background, general interests, specific education objectives and career aspirations.
- (b) The names of two references who may be contacted with respect to the student's academic, artistic and other abilities pertinent to his or her field of study.
- (c) A recent transcript of marks.
- (d) A budget in which the student outlines anticipated income and expenses for the period of study for which aid is being sought.

Letters of application should be received between April 1 and June 1 each year except for: March 1 to May 1 for the H.R. MacMillan Family Fund. The Emily Ross fund is open to application anytime. A personal interview may be required. Inquiries can be directed to Research Office, Vancouver Foundation, No. 900 - 1199 West Pender Street, Vancouver, B.C., V6E 2R1.



Awards Administered by UBC and Tenable at Northwest Community College

The University of B.C. administers a number of awards which are tenable at other institutions in B.C. Students should consult the most recent edition of the UBC calendar for details of the awards. Application forms can be obtained from the College or UBC and must be submitted by May 15.

000581.00	B'NAI Brith Women Centennial Chapter 1022 Scholarship
07520.00	BRITISH Columbia Forest Products Limited Bursaries
04704.00	BRITISH Columbia Forest Products Limited Entrance Scholarships
04737.03	CIP Inc., Tahsis Pacific Region Scholarship
04707.00	DAIRY Industry Credit Union Scholarship
04786.00	The William L. HURFORD Memorial Scholarship
04718.00	INTERNATIONAL Longshoremen's and Warehousemen's Union Entrance Scholarship
00530.00	INTERNATIONAL Longshoremen's and Warehousemen's Union Undergraduate Scholarships
00577.01	Earl KINNEY Memorial Scholarship
00558.00	Thomas P. MAYES Scholarship
04731.00	PIPING Industry Journeyman Training and Industry Promotion Fund Scholarship
04732.00	REAL Estate Board of Greater Vancouver Entrance Scholarship
00547.00	RETAIL Clerks Union, Local 1518, Scholarships
07740.01	RETAIL Wholesale Union Local 470 Bursary
04779.01	RETAIL Wholesale Union Local 517 Bursary
07672.01	RETAIL Wholesale Union, Local 580 Bursary.
07939.00	RETAIL Wholesale Union, Local 580 Stan Colbert Bursary
04795.00	TELECOMMUNICATIONS Workers Union Scholarships
04793.01	TELECOMMUNICATIONS Workers Union, Thomas Ward Stanley Memorial Scholarship.
04798.00	UNITED Association of Plumbers & Steamfitters, Local 170 Scholarships
04780.00	VANCOUVER Sun Regional College Entrance Scholarship
04750.00	VANCOUVER Sun Scholarship for Sun Carriers
04751.00	VANCOUVER Sun Special Scholarship for Sun Carriers
04792.01	VAN-TEL Credit Union, Leo Morris Memorial Bursary
04791.01	VAN-TEL Credit Union -- Les King Memorial Bursary
00303.00	Anne WESBROOK Scholarship
07724.00	WHITE Spot Limited Bursary

Students Transferring to University

Each of the three B.C. universities offer entrance scholarships directed at those students transferring from a Community College. Students entering specific faculties may be eligible for additional awards. These and other entrance awards are also available to students entering university directly from high school. Consult individual calendars for more information.

University of British Columbia

00636.01 Chancellor's Entrance Scholarship

The University of British Columbia offers 25 scholarships in the amount of \$2500 each to outstanding students entering undergraduate programs. A minimum of 20 awards will be offered to students entering from a Senior Secondary School and up to 5 awards will be offered to students entering from a regional college. The awards will be based primarily on the students' scholarly achievement. Subject to continued satisfactory progress, the awards will be renewed for a further 3 years of study or until the first undergraduate degree is obtained (whichever is the shorter period). Candidates must complete the Application for University of B.C. Entrance Scholarships. Completed applications must be received by the University no later than May 15.

Norman A.M. MacKenzie Alumni Regional College Scholarships

Ten scholarships of \$750 each are offered to students proceeding from one of B.C.'s regional or Community Colleges to UBC. They are available to students whose ordinary private domiciles, homes or residences are in B.C. Winners will be selected primarily on the basis of high scholastic achievement, but personal qualities and activities will be considered.

John B. Macdonald Alumni Bursaries

Twelve bursaries of \$600 each will be awarded to students entering UBC in the fall from the regional colleges in B.C. Selection of the winners will be based on academic ability and financial need.

Simon Fraser University

Chancellor's Entrance Scholarships

Scholarships are available to entering students from Secondary School, University or Community Colleges. These scholarships are valued at \$1000 disbursed over two semesters at SFU. Early deadline for applications is April 16 or the first day of classes of each semester.

Jack Diamond Scholarship

Three entrance scholarships are offered each year in the amount of \$2000 each to students entering SFU in the Fall from high school or junior college. The students must have attained high scholastic standing and must have demonstrated a high level of achievement in the field of athletics. Transcripts and appropriate letters of reference should accompany the applications. Students entering SFU in the preceding Spring or Summer semester are eligible for consideration the following Fall semester.

SFU Post-Secondary Transfer Entrance Scholarships

Approximately five awards annually to recognize truly outstanding scholars from other post-secondary institutes. Awards are up to \$9000 which is pro-rated to the number of semesters required to complete an undergraduate degree and is renewable for the duration of the undergraduate program. Apply on the SFU Entrance Scholarship application and provide references, comprehensive resume, competitions/prizes. Nominations from Principals would be an asset.

University of Victoria

President's Regional Entrance Scholarships

Four scholarships of \$1500 are awarded annually within each college region in B.C. to students with high academic standing and broad interests who are entering the University of Victoria directly from B.C. 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 course and Provincial Scholarship Examination results.

The assessment of regional college students will be based on college course results. A student may become a candidate for a scholarship either by applying in writing directly to the University of Victoria Senate Committee on Awards or by nomination solicited annually by the University from the principals of the secondary schools and community colleges in B.C. Recipients will be chosen by the Senate Committee on Awards. Normally the names of award winners will be announced by May 31; final confirmation of the secondary school recipients will take place after the release of the Provincial Scholarship examination results in the summer.

In order to increase the identification of each scholarship with a particular college region and to honour a person of regional historical significance, the scholarships are named after men and women who contributed to the advancement and development of the region and its people and who were highly respected members of their community. The following are the scholarships for this region:

The Dr. John Antle Memorial Scholarship
The Jean Jacques Caux "Cataline" Memorial Scholarship
The Margaret Hankin Loring Memorial Scholarship
The Alice Tomlinson Memorial Scholarship

The John Locke Malkin Entrance Scholarships

Up to six awards of \$2500 are made annually to students of exceptional academic promise entering the University of Victoria from secondary school and/or college. Some of these awards may be increased to \$4000 for students of extraordinary academic promise. Candidates must have a very strong academic record in their last two years of study. A student holding a \$4000 Malkin award may not concurrently hold any other award administered by the University. A student holding a \$2500 Malkin award may not concurrently hold any other award administered by the University having a value greater than \$1500.

A student may become a candidate for the scholarship either by applying in writing directly to the University of Victoria Senate Committee on Awards giving the name of his or her school together with the principal's name or by nomination solicited annually by the University from principals of secondary schools and colleges. The completed set of application and nomination material must be received by the University no later than April 22. Normally award winners will be announced by May 31. Obviously, these awards are to recognize outstanding academic achievement. Unlike our T.S. McPherson awards, however, participation in non-academic activities is not a requirement. **

T.S. McPherson Scholarships

Up to ten T.S. McPherson scholarships to commence in September of each year will be awarded to students of exceptional promise entering the University of Victoria directly from B.C. secondary schools or community colleges; normally two of the ten scholarships will be reserved for community college students. Eight of the scholarships will have an annual value of \$2,500. The other two will have an annual value of \$4,000 and will be reserved for the two candidates the Committee feels are the most outstanding each year. A student holding a \$4,000 T.S. McPherson Scholarship may not hold concurrently any other award administered by the University. A student holding a \$2,500 T.S. McPherson Scholarship may not hold concurrently any other award administered by the University having a value greater than \$1,500.

Candidates must have a very high academic record in their last two years at secondary school and/or community college. Secondary school candidates must have achieved outstanding scores on the B.C. Provincial Government Scholarships examinations. Approximately fifteen candidates will be selected by the University of Victoria Senate Committee on Awards for personal interviews during May and June on the basis of their results in academic courses and recommendations by the principals of their schools and colleges as to their academic excellence, breadth of interests and leadership qualities. The final selection will be made by the Senate Committee after all grades are available. A student may become a candidate for the scholarship either by applying in writing directly to the University of Victoria Senate Committee on Awards giving the name of his or her school together with the principal's name or by nomination solicited annually by the University from principals of secondary schools and colleges.

The completed set of application and nomination material must be received by the University no later than April 22. Normally award winners will be announced by May 31. Final confirmation of the secondary school recipients will take place after the release of the Provincial Scholarship Examination results in the summer. **

**** John Locke Malkin and T.S. MacPherson Scholarships**

If a student maintains a grade point average of 7.50 or better, the scholarship is automatically renewed (and could be increased with exceptional performance) for each year of the student's full time study (15 units) until completion of a first degree or for a maximum of five years, which ever is the shorter period. A student whose grade point average falls between 7.00 and 7.49 may file a written appeal with the Senate Committee on Awards to seek special consideration for the renewal of the scholarship. No renewal will be considered if a student's average falls below 7.00. In extenuating circumstances, a student may, upon application to the Senate Committee on Awards, defer the acceptance of the initial scholarship or may defer the renewal of a scholarship for a maximum of one year.

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