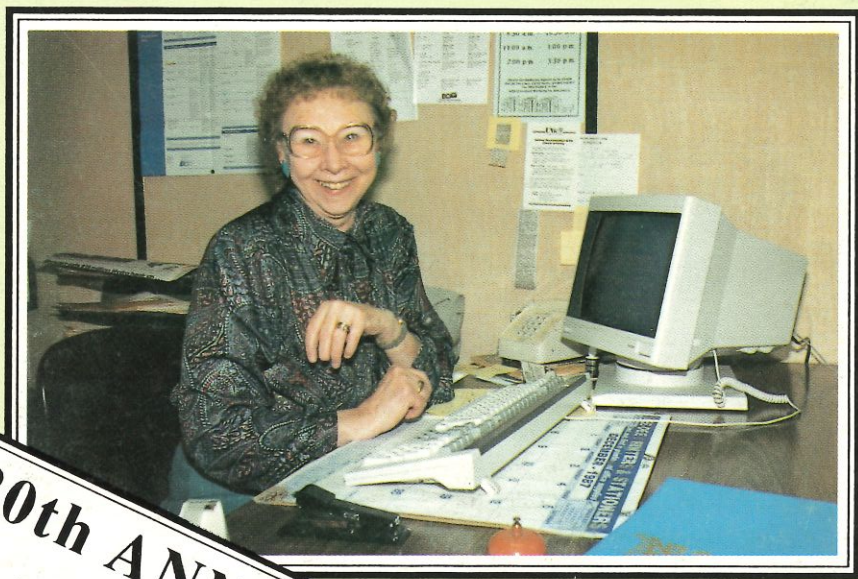




Northwest Community College Calendar

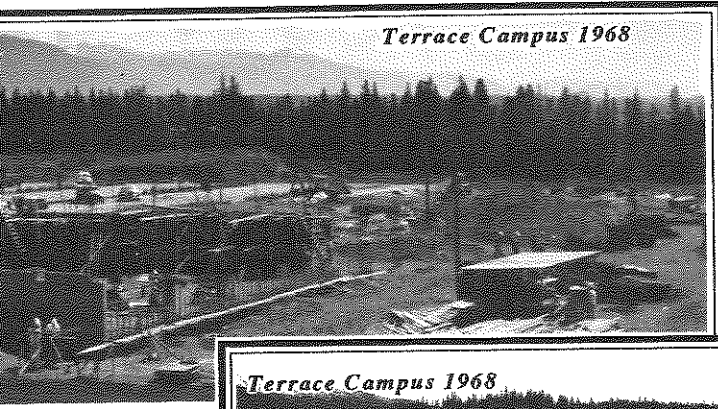
1988 - 1989



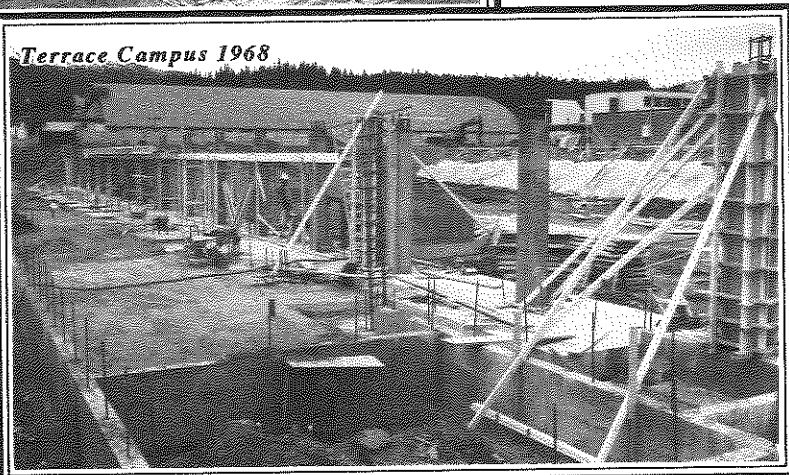
**20th ANNIVERSARY
1968 - 1988**

Historical Photos

Terrace Campus 1968



Terrace Campus 1968



Official Opening 1970



Official Opening 1970

Photos by: B.C. Government
Photographic Branch



Northwest
Community
College

Welcome to
Your Community College
Fourteenth Annual Calendar
1988 - 1989

Cover Photo: Nancy Patrick, Terrace, B.C.

Our cover photo is to recognize PHYLLIS TENNANT who has worked at the College since its inception as the B.C. Vocational School in September 1968. Phyllis was the first employee in TERRACE to "turn on the lights" and is currently employed at the Terrace Campus in the Counselling/Career Resource Centre.

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 Centres

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

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

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



Prince Rupert
130 First Avenue West
Prince Rupert, B.C.
Telephone: 624-6054

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

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

Design, Editing, and Production:

Information Office, Northwest Community College

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General Information

1988

1989

Fri., July 1 Dominion Day
College Offices CLOSED

Mon., Aug. 1 B. C. Day
College Offices CLOSED

Sept. 1 & 2 Advising & Registration
begins for Academic, &
Careers.

Thurs. & Fri. (Full-time students may pre-
register during the summer
months.)

Mon., Sept. 5 Labour Day
College Offices CLOSED.
Residence staff will be on
duty to accommodate
arriving students.

Tues., Sept. 6 Registration. Commencement
of classes for Academic,
Career, and Vocational
programs beginning in
September.

Fri., Sept. 16 Last day for late registration
for Academic, Career
programs. Last day for
changing classes for
Academic programs.

Mon., Oct. 10 Thanksgiving Day
College Offices CLOSED

Fri., Oct. 21 Last day for official
withdrawal from Academic,
Career programs.

Fri., Nov. 11 Remembrance Day
College Offices CLOSED

Mon., Dec. 19 Last day of classes for
Academic, Career programs.

Fri., Dec. 23 Last day of classes for
Vocational, A.B.E., Bus.
Education & Electronic
Programs.

Dec. 24-Jan. 1 Residences and Cafeteria will
be CLOSED

Dec. 26 & 27 Christmas

Mon., Jan. 1 New Year's Day
College Offices CLOSED

Tues., Jan. 3 Registration.
Commencement of classes.
(All programs except
Academic, & Career).

Mon., Jan. 9 Academic, Career classes
begin.

Fri., Jan. 20 Last day for late registration
in Academic, Career
programs.
Last day for changing classes
in Academic, Career
programs.

Fri., Feb. 26 Last day for official
withdrawal from Academic,
Career programs.

Fri., Mar. 24 Good Friday
College Offices CLOSED

Mon., Mar. 27 Easter Monday
College Offices CLOSED

Fri., April 21 Last Day of classes for
Academic and HSW
programs.

Mon., April 24 Practicum begins for Career
programs.

Mon., May 22 Victoria Day
College Offices CLOSED

Fri., June 2 Practicum ends for ECE.

Mon., June 5 June Intensive session for
ECE begins.

Fri. June 23 E.C.E. June Intensive session
ends.
Extended practicum ends for
most Career programs.

NOTE:

EARLY REGISTRATION
is possible for almost all programs.
Information on dates and times will be
included with Acceptance information.

Northwest Community College 1988 - 1989 Board Membership

Appointed by the Lieutenant-Governor in Council

| | | | |
|----------------------------|-----------------------------------|------------------------------|--------------------------|
| John Morgan Terrace | Judy Jephson Terrace | Terry Bennett Smithers | Duane Gould Sandspit |
| Joanne Monaghan Kitimat | William J. Smith Prince Rupert | Marjorie Spisak Nass Camp | John Pousette Terrace |
| | Elmer Derrick Kitwanga | Hans Wagner Kitimat | |

*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, bookstore and public relations and information services.

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 Educational Services Division is headed by an Executive Director. The Division has jurisdiction over the Regional Centres. It is also responsible for College planning.

Faculty and Administration

Senior Management

| | |
|-----------------------|---|
| Dr. Val George | President |
| Geoff Harris | Bursar |
| Betty Nordstrom | Secretary, Administrative |
| Ian Thomas | Executive Director, Regional Educational Services and College Planning |
| T.B.A. | Executive Director, Programs |

Administration

| | |
|-------------------------|--|
| Audun Birkedal | Coordinator, Trades Training and Industry Services, |
| Shane Campbell | Coordinator, Forestry Technological Program, Hazelton |
| Peter Crompton | Maintenance Superintendent |
| Karen Davies | Director, Hazelton (Jan./June) |
| Fran Fowler | Coordinator, Queen Charlotte Islands |
| Peter Haigh | Chief Instructor, Trades Training |
| Clive Hall | Director, Kitimat |
| Norbert Hartig | Director, Library, Media & Distance Education Services |
| Bev Kealty | Assistant Registrar/Financial Aid Officer |
| Richard Kilborn | Director, Business & Cook Training |
| Eileen Klassen | Director, Smithers |
| Betty Kofoed | Public Relations & Information Officer |
| Brian Loptson | Registrar |
| Jake Muller | Coordinator, Human Service Worker |
| Kress Nelson | Systems Manager |
| John Noonan | Director, Adult Basic Education |
| Loretta Pelletier | Coordinator, Nass |
| Cherralee Roberts | Coordinator, Health Programs |
| Sue Russell | Director, Prince Rupert |
| Francis Sabine | Counsellor |
| Lois Shannon | Director, Hazelton (July/Dec.) |
| George Stanley | Academic Head |
| Larisa Tarwick | Coordinator, Early Childhood Education |
| Ben West | Director, Marine Training, Prince Rupert |
| Tanya Widmark | Coordinator, Houston |

Instructional Faculty

(HAZELTON)

| | |
|----------------------|----------------------------------|
| Dorothy Grant | Business |
| Pat Hayes | Adult Basic Education |
| Joe Sullivan | Forestry Technician |
| Shane Campbell | Coordinator, Forestry Technician |

(HOUSTON)

| | |
|--------------------------|-----------------------|
| Carol Gouldsbrough | Adult Basic Education |
| Alice Holm | Adult Basic Education |
| Mary Ann Isodoro | Adult Basic Education |

(KITIMAT)

| | |
|------------------------|-----------------------|
| Ann Marie Merkel | Business |
| Chris Wozney | Adult Basic Education |

(PRINCE RUPERT)

| | |
|------------------------|------------------------------------|
| Dawn Bodger | Air Brakes |
| Marie Grinstrand | Adult Basic Education |
| John Hiom | Chemistry/Physics/Computer Science |
| Mona Izumi | Mathematics |
| Wayne Kennedy | Welding |
| Al Kenny | Marine Trades |
| Judy Letendre | First Aid |
| Ross MacKay | Business |
| Jean Rysstad | English |
| Jean Shearer | Aquaculture |
| John Simpson | Marine Trades |
| John Wood | Adult Basic Education |

(SMITHERS)

| | |
|----------------------|-----------------------|
| Alec Deas | Adult Basic Education |
| Bev Davidson | Business |
| Terri McCreary | Business |

(TERRACE)

| | |
|-------------------------------|-------------------------------------|
| Grant Bennest | Business |
| Larry Bolingbroke | Adult Basic Education |
| Ester Brisch | Nursing |
| Dr. John Campbell | Business |
| Terri Cody | Early Childhood Education |
| Dick Coxford | Carpentry |
| Carole Edwards | Business |
| Rainer Giannelia | Business |
| Dr. Allen Gottesfeld | Biology/Geology |
| Bud Hallock | Mechanical |
| David Himmelman | Business |
| Fred Hislop | Business |
| Andre Klingner | Psychology |
| Bruce Mackee | Mechanical |
| Shannon Mark | Anthropology/Sociology |
| Emile Marchand | Welding |
| Brenda McCarron | Business |
| Brian Parkes | Cook Training |
| Dr. Josephine Patterson | English/French |
| Jack Perry | Adult Basic Education |
| Elizabeth Snyder | Experienced Base Voc. Preparation |
| Cathy Sousa | Business |
| George Stanley | English |
| Jim Stone | Computer Science/Mathematics |
| Bob Sullivan | Adult Basic Education |
| Del Torgalson | Millwright |
| Dr. Eric Turner | Chemistry/Physics |
| Dr. Peter Weber | Economics/History/Political Science |
| Marilyn Webster | Nursing |
| Kae Williams | Adult Basic Education |
| Frank Woodward | Electronics |

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 on a first come basis. People on the waiting list who are by-passed 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, 1988 (*Business & Industry, Health and other contract courses will have fees other than the following and will be advertised individually*).

| Tuition | | Other Fees | |
|--------------------------------------|--|---|--------------|
| ACADEMIC & CAREER - - All Courses | \$24 per credit hour per semester MAXIMUM \$360 per semester | Late Registration - | \$10.00 |
| | | Late Payment - | \$10.00 |
| | | Reinstatement - | \$25.00 |
| | | Student Association Fee - | \$ 1.00/mth. |
| | | Transcript - | \$ 1.00 each |
| TRADES & ABE - - Full-time | \$72.00 per month payable on semester basis in advance. (Monthly payments can be arranged.) | 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 |
| PART-TIME FEES - | Inquire at College | | |

Tuition Reduction

Senior Citizens (age 65 or over) are eligible for tuition-free enrolment in many Northwest Community College courses. 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 or 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 or the Executive Director of Regional Educational Services and College Planning, 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.

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 |

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 will be closed during Christmas break.

Rental Accommodation

There is no accommodation available on campus for married students or children. These students should locate their own accommodation in Terrace. 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.

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

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.

Of Interest to Kitimat Students!

BUSSING SERVICE

Northwest Community College is now offering a daily bus service from Kitimat to the Terrace Campus.

This will run from September '88 through to the end of April '89.

The bus will *depart* from Kitimat at 7:00 a.m. and *return* from Terrace at 4:30 p.m.

The service will cost \$30.00 per week.

Overnight accommodation in the Terrace dorms will be available at a reasonable rate for those students who have occasional evening classes.

Counselling and Career Services

Francis Sabine, B.A., M.A. (U.B.C.)

Are you interested in.....

- making a career decision?
- career exploration?
- matching courses and programs to your career choice?
- university degree requirements?
- College and University information Canada-wide?
- College rules and regulations?

Contact your College Counsellor.. 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.

*For further information call Francis Sabine
635-6511, Local 296 or 262.*

Learning Resource Centre

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

The Learning Resource Centres of Northwest Community College are open to all members of the College community. Their primary role is to support the teaching, curriculum development and learning processes of the College, and to instruct students not only on how to find information, but to go beyond and reach for knowledge that will make them lifelong, independent learners.

Towards this goal, the LRC offers a varied collection of learning materials - reference books, paperbacks, academic, career and vocational books, magazines, newspapers, records, audio and video tapes, 16mm films, slides, children's books, government documents, maps, and aerial photos. Of particular interest is the Archives of Northwest British Columbia, consisting of northwest newspapers on microfilm, archival photographs and manuscripts, historical maps, and taped interviews with area pioneers.

The main LRC facility is located on the lower level of the Administration building in Terrace. Besides housing the collection, it also offers study areas, audio and video playback equipment, a restful reading lounge, a convenience typewriter and photocopy machine, and a Photography Lab for student and faculty use. Reference services and assistance are always available.

Our professional and dedicated staff will be happy to assist you.

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

Student Association Message

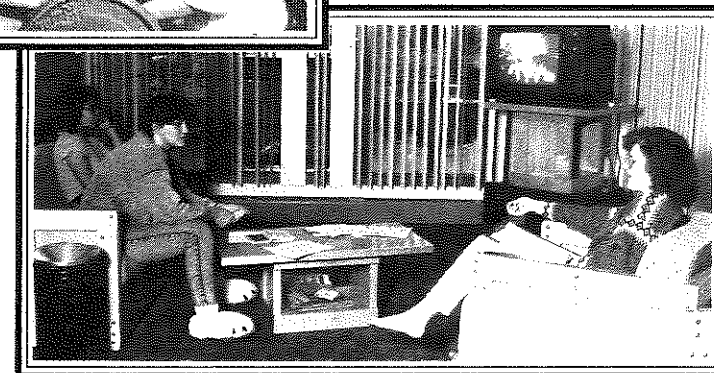
The Student Association of Northwest Community College normally elects a Students' Council during the first month of the academic year, that is, late September or early October. However, due to the wide variety of Vocational, Academic, and Continuing Education programs offered and their varying respective 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*



Academic Programs

George Stanley - Academic Head

Check "KEY" on PAGE 34 for
LOCATIONS of programs offered in 1988/89.

NOW IS THE TIME TO BE MAKING YOUR EDUCATIONAL PLANS!

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 academic courses form part of the following Career/Technical and Business programs: Early Childhood Education, Human Service Worker, General Business Diploma, Nursing, Addiction Resource Worker, Community Support Worker, Aquaculture and Forestry Technician.
- That there is a core program of University Transfer courses offered through **AUDIO TELECONFERENCING (Distance Education)**.

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.

The Academic Department will be offering the following Audio Teleconferencing (Distance Education) courses:

| | |
|--------------------|--------------------------------|
| English 100-104 | French 101-102 |
| Biology 110-111 | Mathematics 131 |
| Psychology 101-102 | Sociology 101/102 & 205/206 |

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 second year 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 Chemistry Computer Science Geography Geology Mathematics Physics | Anthropology Political Science Psychology Psychology Economics Sociology English French History 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.

Programs and Concentrations (Continued)

| 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). |
| * <i>These are recommendations only.</i> Students should consult the Academic Head, an Academic Instructor, or College Counsellor for assistance in planning a 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, or permission of the instructor 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:

- the letter of admission sent by the College on acceptance of application, or
- 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 of 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.

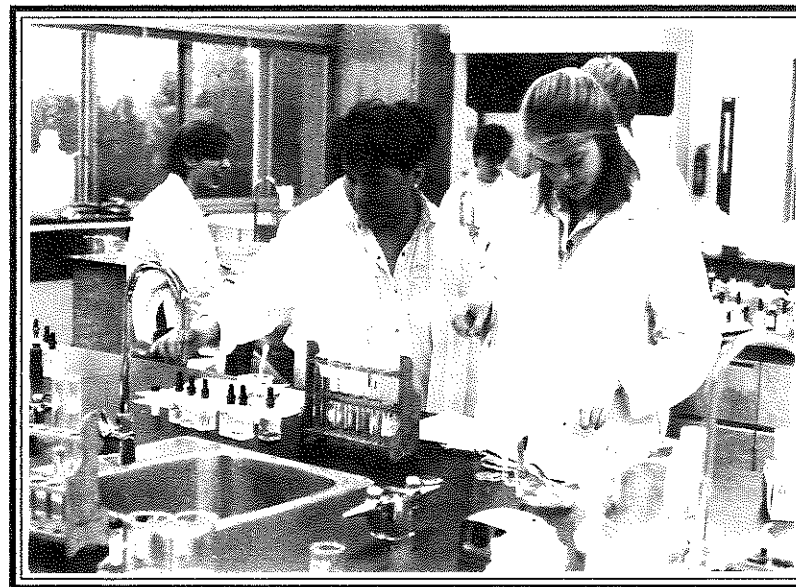
Numbering System

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.

*If you have any further questions regarding Academic Programs
please call the Academic Head, Terrace Campus 635-6511.*



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.

This Guide is up to date only as of April 1, 1988.

Transfer Credit Guide: Universities

| NWCC | UBC | SFU | UVic |
|---------------------|---|--|---|
| ANTHROPOLOGY | | | |
| 101/102 | Anth (1.5) ea. | 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) |
| 105 | | | 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. |
| 120 | Anth (1.5) Unassigned | | Anth 100B (1.5) |
| 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 (1.5) & Anth 200 Level (1.5) for both |
| ARCHAEOLOGY | | | |
| 101/102 | Anth (1.5) ea. | | |
| ART | | | |
| 101/102 | F.A. 181 (3) | Gen. Elect. Visual Art Studio (3) ea. | Art 100 (3) |
| 103/104 | F.A. 125 (3) | Gen. Elect. Visual Art Studio (3) ea. | H.A. 100 Level (1.5) ea. |

Transfer Credit Guide: Universities

| NWCC | UBC | SFU | UVic |
|-------------------------|---|---|--|
| ART (Continued) | | | |
| 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. |
| 110/111 | Biol. (1.5 ea. Precludes credit for Biol. 101 or 102; or Biol 101 (3) or 102 (3) for both | | Biol. 150 (3) or 100 Level (1.5) ea. |
| 151 | Biol. (1.5) 2nd yr. (Precludes Credit For Biol. 311) | Gen. Elect. Bisc (3) | Biol. 100 Level (1.5) |
| 212 | Biol. (1.5) 2nd yr. (Precludes Credit For Biol. 311) | Bisc. 3 | Biol 200 Level (1.5) |
| 228 | Biol. (1.5) | Bisc. (3) | Biol. 200 Level (1.5) |
| BUSINESS CAREERS | | | |
| 150/151 | | Cmpt. 001 (3)/ Cmpt. 100 (3) | |
| 250 | | No Credit | |
| CHEMISTRY | | | |
| 101/102 | Chem 110 (3) | Chem. 104 (3) plus ex. Chem. 115/ Chem. 105 (3) plus ex. Chem. 118 | 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. |

Transfer Credit Guide: Universities

| NWCC | UBC | SFU | UVic |
|-------------------------|--|---|---|
| COMPUTER SCIENCE | | | |
| 111/112 | Comp. 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. 1.5 ea. to a max. of 3 cr. | Econ. 200 (3)/ Econ. 205 (3) | Econ. 100 (1.5) ea. & also Econ. 100 Level (1.5) if both taken |
| 120 | Econ. 1.5 (T.B.A.) to a max. of 3 cr. | Econ. 102 (3) | Econ. 100 Level (1.5) |
| 201/202 | Econ. 100 (3) | Econ. 200 (3)/ Econ. 205 (3) | Econ. 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) |
| 103 | | Engl. (3) | Engl. 115 (1.5) |
| 100/104 | Pending | Pending | Engl. 121 (1.5)/ Engl. 122 (1.5) |
| 109/110 | CR. WR. 202 (3) | Engl. (3) ea. | CR. WR. 100 Level (1.5)/ CR. WR. P.C. (1.5) |
| 151 | No transfer | No transfer | Engl. 225 (1.5) |
| 152 | No transfer | Gen. Elec. (3) | Ed-B 100 (1.5) Nat. Teach. Tr. Only |
| 201/202 | Engl. 201 (3) | Engl. (3) plus exemption/ Engl. 206 (3) | Engl. 200 (3) |

Transfer Credit Guide: Universities

| NWCC | UBC | SFU | UVic |
|----------------------------|--|---|---|
| ENGLISH (Continued) | | | |
| 203/204 | Engl. 202 (3) | Engl. 221 (3) ea. | Engl. 202 (3) |
| 224/225 | Wmst. 244 (3) or (1.5) ea. Unassigned Arts | Engl. (3) ea. | Engl. 200 Level (1.5)/ W.S. 200 (1.5) |
| FRENCH | | | |
| 101/102 | Fren. 105 (3) | Fren. (3) See SFU Transfer Notes | Fren. 100 (3) |
| 103/104 | Fren. 105 (3) | Fren. (3) See SFU Transfer Notes | Fren. 100 (3) |
| 107/108 | Fren. 110 (3) | Pending | Fren. 160 (3) |
| 110/111 | Fren. 120 (3) | | Fren. 180 (3) |
| GEOGRAPHY | | | |
| 101/102 | Geog. 220 (1.5)/ Geog. (1.5) | Geog. 141 (3)/ Geog. 101 (3) | Geog. 101B (1.5)/ Geog. 100 Level (1.5) |
| 103 | | Geog. 111 (3) | Geog. 101A (1.5) |
| 205 | Geog. (1.5) | *Geog. (3) | Geog. 200 Level (1.5) |
| 228 | Geog. (1.5) | 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) |

Transfer Credit Guide: Universities

| NWCC | UBC | SFU | UVic |
|-----------------------------|--|--------------------------------------|---|
| GEOLOGY (Continued) | | | |
| 157/158 | Geol. 105 (3) for both or Geol. (1.5)/ no credit | Geog. 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. 200 Level (1.5)/ Hist. 242 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) |
| 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) | Hist. (3) | Hist. 200 Level (1.5) |
| 251 | | Hist. (3) | Hist. 200 Level (1.5) |
| HUMAN SERVICE WORKER | | | |
| 141/142 | | | Soc. W 200A (1.5)/ Soc. W 200B (1.5) |

Transfer Credit Guide: Universities

| NWCC | UBC | SFU | UVic |
|---|--|------------------------------|--------------------------------------|
| HUMAN SERVICE WORKER (Continued) | | | |
| 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. | S.A. (3) or S.A. (1) for one | Soci. 200 Level (1.5) |
| 220 | No credit | No credit | |
| 221 | No credit | No credit | |
| LINGUISTICS | | | |
| Ling. 109 | Ling. (1.5) | Ling. (3) | Ling. 108 (1.5) |
| MANAGEMENT | | | |
| 251 | | Bus. 270 (3) | |
| MATHEMATICS | | | |
| 101/102 | Math 100 (1.5)/ Math 101 (1.5) | Math 151 (3)/ Math 152 (3) | Math 100 (1.5)/101 (1.5) |
| 111/112 | No credit | Math 100 (3) | Math 012 (0) |
| 121 | Comp. Sc. 101 (1.5) | Cmpt. 103 (3) | Comp. 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. | |
| 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. |

Transfer Credit Guide: Universities

| NWCC | UBC | SFU | UVic |
|--------------------------|---|---|--|
| PHILOSOPHY | | | |
| 101/102 | Phil. 100 (3) | Phil. 100 (3)/ Phil 120 (3) | Phil. 100 (3) or Phil. 100 Level (1.5) ea. |
| 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) |
| 121/122 | Phys. 115 (3) | Pending | Phys. 110/120 (3) or Phys. 110 (1.5)/ Phys. 100 Level (1.5) |
| POLITICAL SCIENCE | | | |
| 101/102 | Poli. 200 (1.5)/ Poli. 240 (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. (1.5) Unassigned (Precludes cr. for Psyc. 301) | 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. 200A (1.5) |

Transfer Credit Guide: Universities

| NWCC | UBC | SFU | UVic |
|---------------------------------|------------------------------------|--|--|
| 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. | * S.A. (3) ea. 200 div. | Soci. 200 Level (1.5) ea. |
| 205/206 | Soci. (1.5) ea. | * S.A. (3) ea. 200 div. | Soci. 200 Level (1.5) ea. |
| 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. |
| 209/210 | Soci. (1.5) ea. | S.A. (1) ea. or S.A. 100 (3) for both | |
| 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. |
| * See SFU Transfer Notes | | | |
| WOMEN'S STUDIES | | | |
| 101/102 | *Socio. (1.5) ea. | W.S. (3) ea. 200 div. | No equiv. |
| 103/104 | *Socio. (1.5) ea. | W.S. 200 (3)/W.S. (3) 200 div. | Hum. 100 Level (1.5) ea. |
| 110/111 | *Socio. (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. | | |
| * to a max. (3) | | | |

University Transfer Course Descriptions:

(COURSES OFFERED in 1988/89)

"KEY" to Course Offerings:

(ATC) - Audio Teleconferencing
(K) - Kitimat
(H) - Hazelton
(P.R.) - Prince Rupert
(T) - Terrace

Anthropology

Shannon Mark - B.A., M.Ed. (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

A general introduction to archaeology, 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. A brief investigation of the principles and methods of archaeology will include a field trip to a local site. (3, 0, 0) (T) & (P.R.)

Anthropology 102-3:

Introduction to Social and Cultural Anthropology

With a global and comparative perspective this course will study a variety of customs and beliefs of people who are alive today or who lived in the recent past. We will look at the differences and the similarities in how these customs solve such basic human problems of making a living, organizing, raising children and dealing with the supernatural. (3, 0, 0) (T) & (P.R.)

Biology

Allen S. Gottesfeld - B.A. Queens College,
CUNY, M.S. (U. of Arizona),
Ph.D. (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 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) (T)

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) (T)

Prerequisite: Biology 101 or consent of instructor.

Biology 110/111-3:

A first year university transfer course in Biological Sciences, this course teaches basic concepts in Biology and laboratory techniques. First semester emphasizes the origins of life, biochemical pathways, and structure and function in multicellular organisms. Second semester presents materials regarding the diversity of life, genetics, evolution, and ecology. Laboratories are held in Terrace for a maximum of three weekends per semester and include field trips in the second semester. As this is an audioteleconferencing course, innovative instructional techniques and methods are utilized to make this an exciting way to learn Biology. (3, 3, 0) (ATC)

Chemistry

Eric Turner - B.Sc. (University of Waterloo),
Ph.D. (UBC)

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.

There is a university transferable course for those who seek credit at a first-year level, which includes a generous amount of lab time.

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 (T) & (P.R.)

Chemistry 102-3: Introductory Chemistry II

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

Prerequisite: Chemistry 101 or permission of the instructor (T) & (P.R.)

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

Computing technology has the potential to significantly enhance the performance of many tasks. This course will introduce persons to the technology, develop skills in the use of computers as a personal, professional and business problem solving tool and explore some of the major changes resulting from the common use of computers. Computers are available for student use during weekly lab sessions most evenings and on the weekends. (3, 3, 0) (T) & (P.R.)

Computer Science 112-3 Problem Solving with Computers

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. (P.R.)

Computer Science 121-3: Programming in Pascal (Jan./89)

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. (T)

Economics

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

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) (T) & (P.R.)

English

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

(San Francisco State U.)

Josephine Patterson - M.A. (U. of North Carolina),

Ph. D. (Harvard)

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. The better the writer gets to know the English language, the more effectively will he be able to express 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 100-3:

Literature and Composition I

The first semester of the distance education course in literature and composition. This semester emphasizes fiction. Written assignments based on analysis of the literature read. (3,0,0) (ATC)

English 101-3:

Literature and Composition I

Reading and discussion of modern autobiography, fiction, poetry 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) (T) & (P.R.)

English 102-3:

Literature and Composition II

Reading and discussion of modern fiction, drama 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) (T) & (P.R.)

English 104-3:

Literature and Composition II

The second semester of the distance education course in literature and composition. This semester emphasizes poetry and drama. Written assignments based on analysis of the literature read. (3,0,0) (ATC)

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) (T)

English 110-3:

Creative Writing II

Continuation of English 109. English 109 is a prerequisite for English 110. (3, 0, 0) (T)

English 151-3:

Business and Technical Writing

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) (T)

English 207-3:

Utopian Literature

The Utopian idea in literature from Thomas More to science-fiction. Selections will include British and American novels, and East European novels in translation. Written assignments based on the works read. (3, 0, 0) (T)

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

*French in Action
and*

*Cafe Conversation
at*

**DON DIEGO'S
(Terrace)**

(see publicity for dates)

French 101-3:

Introductory French I

This is a beginning French course which gives the opportunity to communicate immediately, using materials from the innovative and amusing French in Action series: videotapes, audiotapes, workbooks, and text. Supplementary reading materials ensure equal emphasis on the four language skills: understanding, speaking, reading and writing. Lab work includes work in a language lab and one immersion weekend. (3,1 1/2,0) (T) & (ATC)

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.
(T) & (ATC)

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 Les Grandes Mares by Jacques Poulin, Le Bourgeois Gentilhomme by Moliere, Vendredi ou la vie sauvage by Michel Tournier, and Antigone by Jean Anouilh. 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. (T)

French 111-3:

Advanced French II

Geography

*Allen S. Gottesfeld - B.A. Queens College, CUNY,
M.S. (U. of Arizona), Ph.D. (U. of California,
Berkeley)*

Geography 101-3:

Physical Geography

A study of the physical environment in which human beings have developed their economic, political and cultural structures. Principal topics covered are cartography and maps, climates, landforms, surface waters, soils and vegetation. Examples from British Columbia and Canada will be emphasized. (3,0,0) (T)

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) (T)

Geology

*Allen S. Gottesfeld - B.A. Queens College, CUNY,
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) (T)

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) (T)

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 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) (T)

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 multi-culturalism (in a historical context of cohesion of society and federal-provincial relations). (3, 0, 0) (T)

Mathematics

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

Mathematics deals with quantities, their measurements and their interrelationship.

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. 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.

Prerequisite: A minimum grade of "C" in Algebra 12 or its equivalent. (T) & (P.R.)

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. (T) & (P.R.)

Math. 130-3: Finite 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. The only mathematical skill necessary for this course is a basic facility with equations. (3, 0, 0)

Prerequisite: Algebra 11 or its equivalent. (T)

Math. 131-3: Introduction to Statistics

An introduction to statistics intended for persons in the managerial, life and social sciences. Topics to be presented in this course include the description of data, its analysis and use for predicting future events. The only mathematical skill necessary to start this course is a basic facility with equations. (3, 0, 0)

Prerequisite: Algebra 11 or its equivalent. (T) & (ATC)

Physics

*Eric Turner - B.Sc. (University of Waterloo),
Ph.D (UBC)*

"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 101-3:

Motion, Energy and Temperature

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.

(T) & (P.R.)

Physics 102-3:

Introduction Physics II

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. (T) & (P.R.)

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. (T)

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. (T)

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) (T)

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. (T)

Psychology

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)

(T), (P.R.) & (ATC)

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; and 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. (T), (P.R.) & (ATC)

Psychology 201-3:

Developmental 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. (T)

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. (T)

Social Work 200

Introduces the practice of social work, emphasizing generalist practice in rural communities. This course reviews the historical value and knowledge base of social work. It examines the roles social workers perform and the planned change approach to problems. It examines the influence of the community employing organization and profession on the practice of social work. The course will be viewed simultaneously from a native and non-native perspective. Special emphasis will be placed on similarities and differences of social work in native and non-native communities to foster a cross-cultural education process. Consists primarily of lecture/discussion groups. Some films, videos, guest lecturers. (H)

Sociology

Shannon Mark - B.A., M.Ed. (UBC)

Sociology is important because it deals with the stuff of everyday life but in a new way. What we tend to see as almost boringly familiar, such as the smallest details of human interaction and the largest events of the evening news, take on new meaning and make more sense in light of the basic sociological insight that our behavior is affected by social forces beyond our control. Not only do we influence society; society influences us. (Hazedorn 1986)

Sociology 101-3:

Introductory Sociology I

Through a variety of sociological perspectives we will examine how different groups view the structure of society. Through brief lectures, audio visual presentation and small group discussions we will explore major topics in the discipline of sociology: culture, socialization, gender roles, aging, and crime and deviance. (3, 0, 0) (T) & (ATC)

Sociology 102-3:

Introductory Sociology II

Using a variety of sociological perspectives this course examines the major institutions of society and some of the major trends of modern society. Religion, minority groups, education, politics, urbanization, industrialization and social movements will form the basis of the course. (3, 0, 0) (T) & (ATC)

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) (T) & (ATC)

Sociology 206-3:

Sociology of the Family II

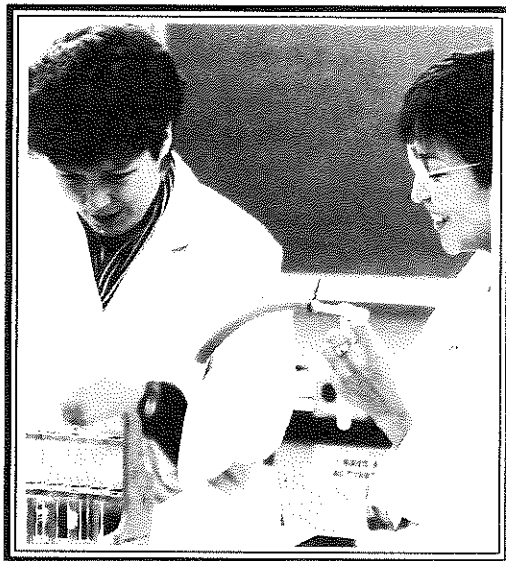
A continuation of first semester with emphasis on cross-cultural aspects of family such as sexual practices, marriage styles, living arrangements and child-rearing practices set in various social and economic contexts. (3, 0, 0) (T) & (ATC)

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. (3, 0, 0) (K)



The following courses are NOT currently offered at the College.

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 Organization 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 Organization 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)

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 water-colour, 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)

The following courses are NOT currently offered at the College.

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 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.

Computer Science 122-3:

**Numerical Analysis & Data Structure
(Not offered 1988/89)**

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: Advanced
Problem Solving 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 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)

The following courses are NOT currently offered at the College.

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 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 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 W.W. II

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 107-3: Intermediate French I

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

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