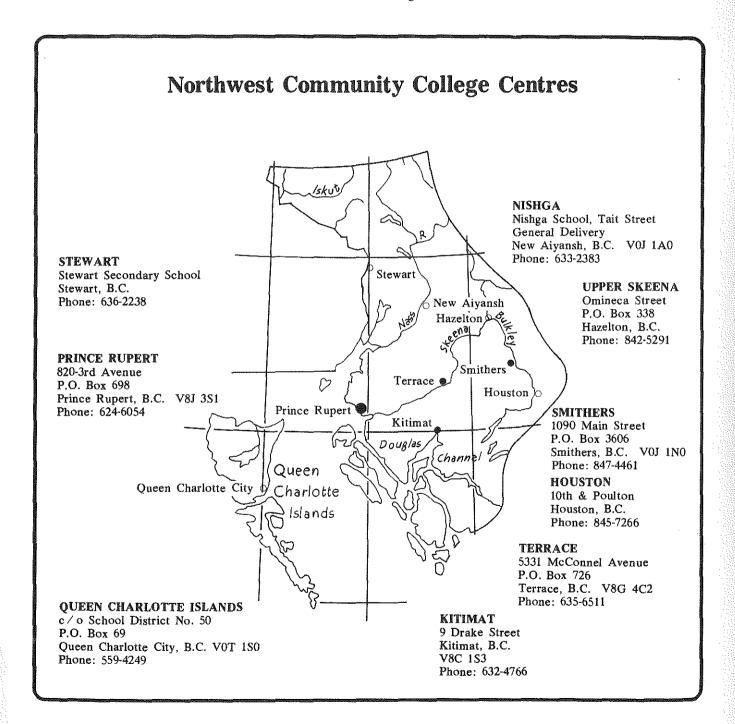


Northwest Community College

College Region

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

Queen Charlotte IslandsSchool District 50KitimatSchool District 80Prince RupertSchool District 52Terrace / Hazelton / Stewart School District 88Smithers / HoustonSchool District 54NishgaSchool District 92



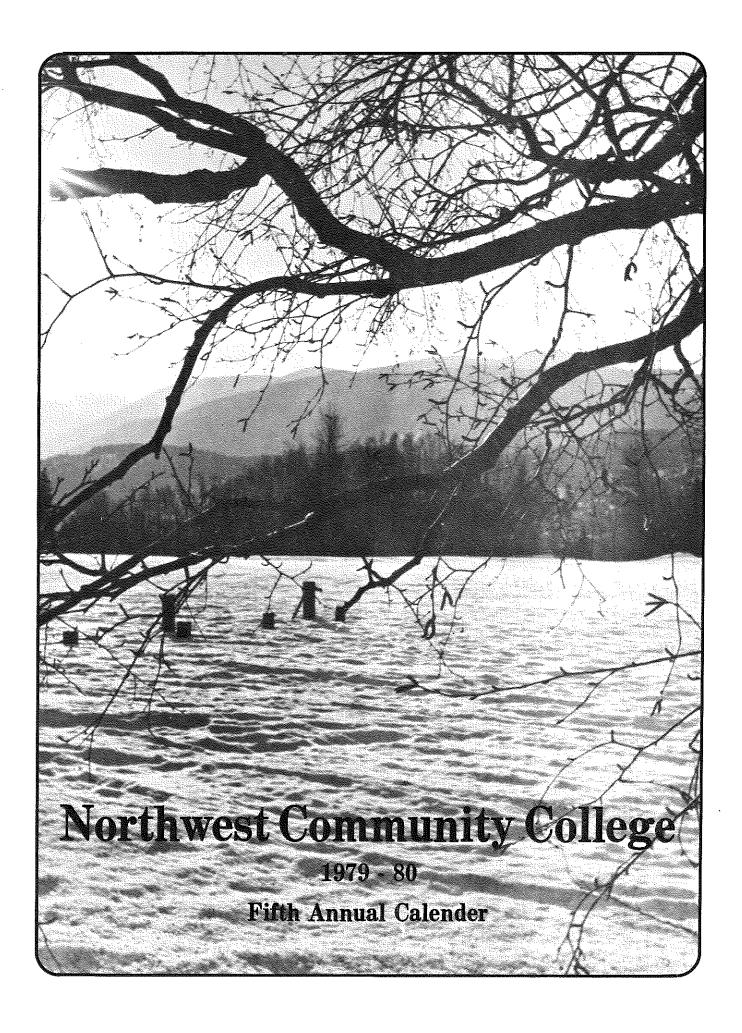


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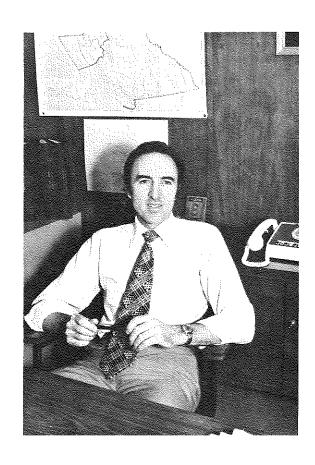
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Principal's Message

We hope this Calendar will be of use to you as a source of information about the programs that Northwest Community College has to offer. As a comprehensive Community College, we offer a wide variety of courses — vocational courses of varying length, academic university transfer courses, adult basic education courses designed to give people the educational background necessary to enter other educational and training programs, and a whole variety of non-credit courses that people can take for general interest.

Our aim is to attempt to serve all the important educational and training needs in the Northwest Region of the province, and we are committed to provision of programs in the places where our people live and work if this is at all possible. This Calendar gives some idea as to how well we are meeting our objectives. It does not, however, contain all possible information about the College and its programs. Many programs are put on at short notice — this ability to move quickly when needs emerge is one of the strengths of the Community College system — so we urge you to watch for further announcements concerning programs. We especially urge you to look for the Community Calendars that are published twice a year by our Community Education Service Coordinators who work out of each of the major population centres in the region.

D. V. George, Ph. D., Principal.



Northwest Community College

1979 - 1980 Board Membership

SCHOOL BOARD APPOINTEES

Werner Funk

School District 50 Queen Charlotte Islands

Martin Winkelaar

School District 52 Prince Rupert

School District 80

School District 88

Ken Van Gaalen

School District 54 Smithers

Kitimat

Теггасе

Hans Wagner

(Chairperson)

Elaine Peal

John Babcock

School District 92

Nishga

GOVERNMENT APPOINTEES

Frank Parnell

Bill Hutchinson

Duane Gould

George Shepherd (vice-chairperson)

David Mortimer

Terrace

Terrace

Sandspit

Telkwa

Kitimat

Administrative Staff

Dr. Val George Geoff Harris Don Castleden

Brian Loptson Peter Weber

Fred Wilson

Joanne Ames Audun Birkedal Dr. Frank Cassidy

Jack Johnson Laurie Jones Gary Karlsen Тот Кеппа

Fred Hislop

Principal Bursar Director of Continuing Education Director of Student Services and Registrar

Academic Head

Director of Vocational and Trades Training

Bookstore

Coordinator of Supervisory Training Coordinator, Upper Skeena CES

Coordinator, Off-Campus Vocational and Trades Tr.

Chief Instructor, Cook Training Coordinator, Prince Rupert CES Coordinator, Distance Education Chief Instructor, Mechanical Trades Richard Kilborn

Nancy McDonald Emil Marchand

Kathy Pick

Bert Seinen Isabel Spalding Maurice Squires Bob Sullivan Vic Waram Tanya Widmark

To be appointed To be appointed To be appointed Chief Instructor, Supervisor of Residences

Coordinator, Kitimat CES Chief Instructor, Non-Mechanical Trades

Coordinator, Oueen Charlotte Islands

Counsellor

Coordinator, Smithers CES Coordinator, Nass CES Chief Instructor, BTSD Maintenance Supervisor Coordinator, Houston CES

(part-time)

Librarian

Coordinator, Terrace CES Coordinator, Stewart

Statement of Philosophy

General Responsibility

Northwest Community College assumes general responsibility for all valid educational and training services in the College region that are not the responsibility of the School Districts that participate in the College operation.

Decentralization

Northwest Community College is committed, wherever it is financially and physically feasible, to decentralize educational and training services so that the opportunities for education and training are equitably shared by residents of the region. The College believes that access to education should be based on needs of residents and not their geographical location.

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 that an important function of its operation is to determine and assess the educational and training needs in its region. To this end, the College actively seeks input from community organizations and individual residents; it is especially responsive to recommendations made by advisory committees established by the College.

Relationship with other Organizations

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

Quality

Northwest Community College strives for excellence in all the services it provides and does not sacrifice quality for expediency.

Presentation of Services

Northwest Community College is committed to development of delivery systems that take educational and training services to 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, particularly as quality is related to student-instructor contact.

Citizenship

Northwest Community College recognizes that an important objective is to provide people with the capability to function within and relate to the principal social institutions such as government and the law. The 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.

Disadvantaged People

Northwest Community College recognizes that special attention should be given to the educational and training needs of working people, Native people, and women, as well as to other segments of society that historically have been disadvantaged with respect to enjoying full access to educational and training opportunities.

Governance of College

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

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. To improve accountability, the College recognizes its responsibility to ensure that proper evaluation takes place of everything it does and that self-renewal is an ongoing obligation.



General Information

Tuesday,

Wednesday,

December 25

December 26

- Christmas Day Holiday

- Boxing Day Holiday

College offices closed.

College offices closed.

College Year Calendar

	1979		1980
Monday, July 2	- Dominion Day Holiday College offices closed	Tuesday, January 1	 New Year's Day Holiday College offices closed.
Monday, August 6	- B.C. Day Holiday College offices closed	Wednesday, January 2	Registration and commencement of classes for vocational
Wednesday, August 29	 Registration begins for University Transfer Students in Terrace 		programs beginning in January. (Classes begin at 8:00 am) - Vocational classes recommence.
Monday, September 3	- Labour Day Holiday College offices closed. Residence staff will be on duty to accommodate arriving		 Registration commences for University transfer students Early childhood education classes begin.
Tuesday,	students Registration and commencement	Monday, January 7	 University Transfer Classes begin.
September 4	of classes for vocational programs beginning in September. (Classes begin at 8:00 am)		- Registration continues for university transfer students. Registrar's and cashier's offices
Wednesday, September 5	 Registration continues for University Transfer students. 		open evenings Monday through Thursday.
Monday, September 10	 University Transfer classes begin. 	Friday, January 25	- Late Registration for University Transfer students ends.
	 Registration continues for University Transfer students. Registrar and Cashier office 		 Last day for changing classes for University Transfer students.
Friday,	open evenings Monday through Thursday	Friday, March 21	 Last day for official withdrawal from University Transfer students.
September 28	 Late Registration for University Transfer students ends. Last day for changing classes 	Friday, April 4	- Good Friday Holiday College offices closed.
Monday	for University Transfer students.	Monday,	- Easter Monday Holiday
Monday, October 8	 Thanksgiving Day Holiday College offices closed. 	April 7 Friday,	College offices closed Classes end, University Transfer
Friday, October 26	 Last day for official withdrawal from University Transfer classes. 	April 25 Wednesday,	Program Classes end, Early Childhood
Monday,	- Remembrance Day Holiday	April 30	Education
November 12 Friday,	College offices closed Classes end for University	Thursday, May 1	 May Practicum begins, Early Childhood Education.
December 21	Transfer Program, Early Childhood Education Program and Vocational Program.	Monday, May 19	- Victoria Day Holiday College offices closed.
_			

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.

The college reserves the right to change fees without notice; to limit registration in any program; or to cancel or revise any of the courses or programs listed.

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 P.O. Box 726 Terrace, B.C. V8G 4C2

In courses where there is limited enrolment, applicants will be accepted on a "first come, first-served" basis, provided that all admission requirements have been met.

Registration Procedures

Vocational Students

On the day that your classes are scheduled to begin, report at 8:00 a.m. to the cashier's wicket on the main floor of the Administration Building. Should your class begin in early September or January, signs will direct you to a classroom first. You should take your letter of acceptance with you. At the cashier's wicket you will be expected to pay your:

- 1 tuition fee of \$16.00 per month
- 2 book or tool deposit of \$10.00
- 3 Student Association fee of \$1.00 per month.

If you are living in the dormitories your room fees and meal tickets should also be paid at this time. When your fees are paid the cashier will direct you to your classroom.

Academic and Special Program Students

Registration for these courses will be accepted in advance of the first day of classes. Students wishing to register for courses at any college centre are advised to watch for local advertising regarding local offerings and registration dates. Registrations will be accepted until the last date specified near the beginning of this calendar. Students are cautioned that most classes have a limited enrolment and that they should register as early as possible to avoid disappointment.

Permanent Record and Withdrawal from Classes

Students enrolled in full or 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 to not complete any course(s) they have undertaken, 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.

Confidentiality of Student Records

The College considers a student's record of achievement to be confidential material and for that reason it will not release any information of any kind about a student except upon the student's authorization in writing.

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 their actual achievement shall have the right to appeal that decision. Students who find themselves in this position should first endeavour 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.

Structure of the College

Northwest Community College has three Divisions:

- 1. The Vocational Division administers the full-time vocational pre-apprenticeship and pre-employment programs offered in Terrace and other centers. It coordinates the part-time and short-term vocational programs offered in Terrace and other centres.
- 2. The Academic Division administers the University Transfer program throughout the College Region.
- 3. The Community Education Division co-ordinates through its community education coordinators, the Vocational and Academic programs offered in the local communities. Also each year many courses of general interest are offered through this division.

Student Services

Counselling Services

Counselling is available weekdays from 8:30 am to 4:30 pm in the Administration building. Counselling is also available on a regular basis in each of the College Centres. Those wishing to make an appointment should contact the local college office

Counselling is available in the following areas:

- program and course advising
- career decision making
- vocational planning
- personal counselling
- financial aid
- effective study skills
- adjusting to college life.

Counselling can help when you are faced with decisions or problems that affect your life as a student. Talking things over with a counsellor can help give you an overall view of the situation and assist you in finding solutions and alternatives.

The Learning Resources Centre

The Learning Resources Centre is developing a multi-media collection to assist learning and teaching at the college. Support of a range of learning activities, whether they are technical / vocational, academic transfer or continuing education, is the goal of the LRC.

At present, there are approximately 10,000 books and 250 periodicals in the LRC. A start has been made on an audiovisual equipment and program collection. Equipment presently includes film and filmstrip projectors, slide projectors, audio tape and video tape playback units.

The LRC is a member of the B.C. Union Catalogue. This means that books and periodical articles can be borrowed from other colleges, institutes and universities in the province. Microfiche listings of the LRC holdings of Northwest Community College and other B.C. post-secondary institutions will be available in each college centre.

Bookstore

The bookstore is located on the ground floor of the Administration building — opposite the Learning Resources Centre. It sells textbooks for all college courses and programs. Books and Magazines for general interest reading are also sold. Students can also obtain notepaper, pens, school supplies, and stamps. Textbooks will be available at each College Centre.

Health Services

The campus first aid station is located just south of the Vocational building. It is open from 8:00 am to 4:00 pm 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 240 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 telephone. Meals are provided from the cafeteria. Most linen is provided but students should provide their own towels, facecloths, soap, laundry detergent, etc. Reservations are advised.

When you arrive, go directly to the Security office on the main floor of the cafeteria building for your room assignment. This office is open 24 hours each day.

Rental Accommodation

If you are a student with dependants you are advised that no accommodation is available on campus and you should locate your own accommodation in Terrace. Student Services is developing a list of available accommodation.

Costs in Terrace are from \$200 per month plus utilities.



Student Association Message

The Northwest Community College Student Association is dedicated to represent the rights and interests of the students. All full-time students pay membership fees upon registration and elect their own student council.

We encourage students to voice their ideas and suggestions either verbally or in the Student newspaper, "The Raven". Our office is adjacent to the cafe in the student lounge. Please, drop in any time.

The Student's council is made up of Class representatives from each class or department such as welding or Philosophy. These "reps" are usually nominated by the class upon first meeting. These Reps attend weekly Student Council meetings presided over by the President acting as chairperson in the meeting. Other positions are Vice-President, Treasurer, Sports Rep., Social Convenor and Treasurer. Nominations are held for the first 2 or 3 weeks of the Academic year each September and then elections are held soon after nominations close. Forms for nomination must be signed by the nominee and 2 other students. These

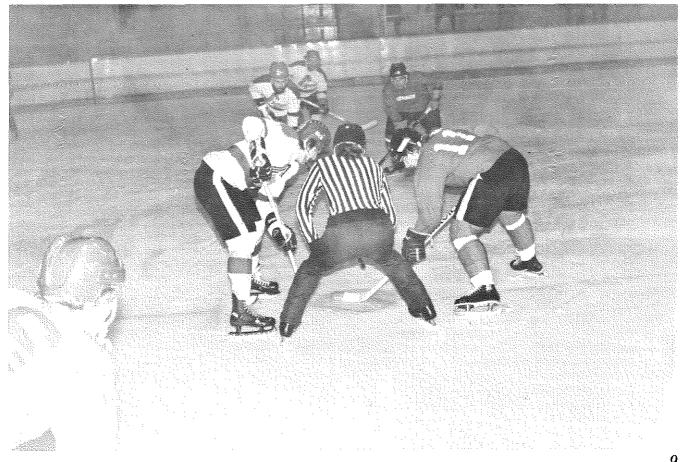
forms are available from the Student Association cafe or office and people are encouraged to campaign. These positions are educational and also good reference on job resumes.

As well as operating the Bad Manors Cafe, the Student's Association sponsors a "Pub night", occasional dances, barbecues, and hopes to promote a music concert or two.

Our recreational program includes a hockey team, iceskating, badminton, swimming, and the use of a gymnasium. The College Curling Bonspiel is a major event which brings everyone in the College together for a good time.

These activities are only successful with adequate support and co-operation from everyone. That is why we encourage you, the new student to get involved. With your participation the student Association can effectively represent students concerns and make possible rewarding memories.

Student Association NORTHWEST COMMUNITY COLLEGE



Financial Aid

The financial implications of attending College should be considered by all prospective students. Students who are uncertain or who anticipate financial difficulties are urged to contact the Student Services office at the College for information and advice well in advance of registration.

The following is an estimated budget for a student at Northwest Community College: Individual costs will vary, depending on spending habits, program studied and family situation.

Academic or Special Program Students

per Semester	Living at home	Living on Campus	Living in Rental Accommodation
Tuition	130	130	130
Student Fees	4	4	4
Books & Supplies	100	100	100
Room & Board	0-500	560	600-1000
Miscellaneous	300	300	300
Transportation	120	120	120
	654-1154	1214	1254-1654

Vocational Students

per Month			
Tuition	16	16	16
Student Fees	1	1	1
Books & Supplies	10	10	10
Room & Board	1-125	140	150-250
Miscellaneous	75	75	75
Transportation	30	30	30
	132-257	272	282-382

Multiply the amount shown times the length of the program in months to calculate your costs.

Financial Aid Programs Available at Northwest Community College

Northwest Community College administers a limited amount of scholarships and bursaries. Due to the limited monies available applicants should first apply to the B.C. Student Assistance Plan / Canada Student Loan Program.

Awards are made in October, December, February and April. Applicants may receive more than one award during their program; so students are advised to apply whenever they have financial need. Applications are retained for the current awards period only.

Applications can be obtained from the Student Services office and must be returned to the Registrar's office by the first of the month in which the awards are scheduled to be made (e.g. October 1st, December 1st, February 1st, and April 1st).

Scholarships are awarded on the basis of academic excellence, while bursaries are awarded primarily on the basis of financial need.

The following financial programs are currently available.

B.C. Telephone Awards

Two awards of \$500 have been made available by the B.C. Telephone Company. The two awards will be given as either bursaries or scholarships at the discretion of the Financial Awards Committee. The preference for these awards is for Scholarships to second year academic students. These awards will be made in October.

British Sailor's Society Canada Bursary

The British Sailors' Society Canada has given a \$250.00 bursary for a student in the Fisheries and Marine Training Program. To be eligible students must be a son or daughter of a Canadian Seaman and furthering their education in Marine matters. Students should apply on the College Bursary application form.

Canadian Cellulose Company Ltd. Terrace

Canadian Cellulose has established a Scholarship and Bursary fund at Northwest Community College which will award a total of \$11,400.00 over the next 5 years.

It is proposed that two \$300.00 scholarships will be awarded in September of each year (commencing in September 1978) to the applicants who have the most outstanding achievement among the students entering full-time studies at the second year level in any Northwest College program.

In addition, four \$300.00 bursaries are to be awarded annually, the first in October 1979 and every 3 months thereafter. Applicants will be expected to be full-time students in Northwest College programs of more than two months duration, who are in good academic standing and experiencing financial difficulty.

Credit Union Foundation

A grant of \$300.00 is to be made available to Northwest College on an annual basis. It is the desire of the Trustees of the Credit Union Foundation that the grant be made to technical, academic or vocational undergraduate student(s) who might otherwise have difficulty completing their studies by reason of financial hardship. The recipient(s) is / are to be Canadian and resident of the area served by the College.

The Credit Union Foundation is a charitable organization of the Credit Union of B.C. founded in 1957. Its aim is "to operate exclusively as a charitable organization to administer a fund or funds for the encouragement, promotion, establishment and advancement of education, scholarships to worthy and needy students who have the ability to make good use of the education thus provided and the promotion of mental, moral, physical and social welfare of the people."

This award will normally be made in February.

Northwest Community College Bursary Fund

Northwest College has established a general bursary fund with money received from local contributors. This money is intended to be awarded at any time throughout the year to students with good academic standing who may find themselves in financial difficulty.

Northwest Community College Faculty Union Bursaries

The Faculty Union of the College has made three \$250 bursaries available to full-time and part-time students of the College who are enrolled in University Transfer, Technical or Special Programs. There are two types of awards:

- One \$250 bursary for a student who has demonstrated active participation in the areas of women, worker or native rights.
- Two \$250 bursaries to students who are in financial need.

Students should apply on the Northwest Community College Bursary application form by September 1. A statement of their participation should accompany an application for No. 1 bursary above.

Thunderbird Emergency Loan Fund

Established in part, by a donation from the Northwest College Student Association, this fund can be used for small, short term loans. Students wishing to borrow money from this fund should make application to the Student Services Office at the cashier's window.

Vancouver Foundation Bursary

The Vancouver Foundation has established a Bursary fund of \$500 to be awarded to Northwest College Students in the 1978-79 Academic Year. These funds are to be awarded to full-time students who have identified vocational or academic objectives, demonstrated ability to reach those objectives, and who, along with their families where possible, are contributing towards their educational costs. Applicants will be expected to demonstrate financial need beyond the limits of the usual sources of aid available to them. Applications for these funds must be made by October 1, 1979.

Financial Aid available from Other Sources

British Columbia Student Assistance Plan

This is a comprehensive program of assistance for postsecondary students to ensure that British Columbia residents are not denied the opportunity to reach their educational objectives due to financial constraints.

PURPOSE

The purpose of the B.C. Student Assistance Program is to assist students whose resources are insufficient to provide for the cost of full-time post-secondary education.

Funds provided under the program are intended to supplement, not replace, the student's own financial resources and those of the student's immediate family.

DISTRIBUTION OF FUNDS

The B.C. Student Assistance Program is composed of two inter-related components:

- (a) The Canada Student Loan Plan, funded by the federal government and provincial government and provincially administered allows for a repayable loan up to a maximum of \$1,800.00 per educational year. (Amount may be subject to change.)
- (b) The British Columbia Provincial Grant Program, funded by the province, allows for a non-repayable grant up to a maximum of \$1,700.00 per educational year. (Amount may be subject to change.)

Funds are normally disbursed through a combination of provincial grant (non-repayable) and federal loan (repayable). Loans remain interest free until six months after the student terminates full-time studies.

The amount of assistance awarded is based on assessed need as determined by the provincial authority.

ELIGIBILITY REQUIREMENTS

Eligibility for assistance requires enrolment in at least 60% of a full course load in a designated program of study leading to a degree, diploma or certificate. All College students enrolled in programs of six months or longer are eligible. In order to remain eligible, the student must maintain this level throughout the application period.

All students are required to establish British Columbia residency status in order to be eligible for financial assistance through this program.

APPLICATION PROCEDURE

Applications are available at the Student Services Office and at the Local Community Education Centre.

Students are required to submit their applications to the Financial Aid officer, Beverly Kealty, at the Student Services office in Terrace.

WHEN TO APPLY

It is in the best interest of the applicant to APPLY EARLY, at least nine weeks prior to the beginning of classes.

Applications submitted after the fourth week of class will be subjected to a pro-rated assessment only.

NEED HELP?

If you need help filling in the form contract, the Financial Aid Officer or the Counsellor will help you.

British Columbia Special Assistance Program

This program is intended to assist British Columbia students enrolled in public post-secondary institutions who do not qualify under the regulations governing the program of assistance designed for full-time students.

Approved part-time programs of study will include only credit courses leading to a certificate, diploma, or first degree.

For further information contact the Financial Awards office at any public post-secondary institution or write to Student Services Branch, Ministry of Education, Parliament Buildings, Victoria, B.C. V8V 2M4.

Work Study Program

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

The program is open to British Columbia residents studying at participating universities, colleges and institutes located in British Columbia.

Fur her information may be obtained from the Financial Awards Office at participating post-secondary institutions.

Physical Fitness and Amateur Sports Fund

- (a) Premier's Athletic Awards five at \$1,000 each (For students already enrolled in a designated postsecondary educational institution).
- (b) B.C. Athletic Awards 25 at \$750.00 each (For students already enrolled in a designated post secondary institution).
- (c) Nancy Green Scholarships 26 at \$750.00 each (For British Columbia secondary school students who are about to enroll in a designated post-secondary institution).

Further information and application forms for the above three awards may be obtained by writing to B.C. Physical and Amateur Sports Funds, Parliament Buildings, Victoria, B.C. V8W 1K7.

B.C. Cultural Fund Scholarship Assistance Program

A number of scholarships are available annually in order to assist in the fine arts education and to stimulate advanced studies and professionalism in talented and dedicated British Columbians.

Junior Scholarships — to a maximum of \$250 per year for a maximum of 4 years (upon re-application each year) for students engaged in full-time study, up to and including second year of a university and / or community college in a fine arts program.

Further information and application forms for the above three awards may be obtained by writing to: B.C. Cultural Fund, Minister of Recreation and Conservation, Parliament Buildings, Victoria, B.C. V8W 1K7.

British Columbia Youth Foundation Loans

Interest free loans can be made to bona-fide B.C. young people to a maximum age of 30. Loans may be for fees, books and/or a monthly allowance to assist with living expenses when the applicant is not living at home. Students eligible for government loans and grants should first apply to that source. The loans are not designed only for University or College education, but are also made to students studying in technical or vocational fields. A suitable adult guarantor is usually required. Applicants should have an aptitude for their chosen field of study and a reasonable chance of success. Hopefully, they should contributer some of their own money to the cost of their education.

The Financial Awards officer will interview possible candidates as to their suitability for a loan. In other Centres, counsellors will conduct the interview. If the candidate appears to merit a loan, the request may then be referred to the Foundation. The Foundation will send an Application Form and Guarantor's Statement Form to the applicant for completion. After the Foundation receives all information, it will assess the request. Cheques will be forwarded to the Financial Awards Officer for disbursement.

B.C. Indian Arts Society Memorial Bursary

The B.C. Indian Arts Society provides bursaries of \$150 to native Indians furthering their education. Application is made to the Secretary B.C. Indian Arts Society, No. 704-701 Esquimalt Road, Victoria, B.C.

B.C. Indian Arts Society, Mungo Martin Memorial Award

Commemorating, Mungo Martin, the late Kwakuitl chief, artist, philosopher and carver, the B.C. Indian Arts Society provides awards from \$50 to \$300 to people of Indian racial background to further their education. Application is made to Chairman, Humpback Road, R.R. No. 6, Victoria, B.C. V8X 3X2.

Caribou Real Estate Board Scholarships

Four scholarships of \$500 each are open to students whose regular residence is in School Districts 27 (Williams Lake), 28 (Quesnel), 54 (Smithers), 55 (Burns Lake), 56 (Nechako), 57 (Prince George), and 59 (Peace River South). To be eligible an applicant must show proof of admission to a post-secondary program of studies of at least two semesters duration. Students entering second year programs are also eligible. Students should obtain application forms from the Financial Aid office at the College of New Caledonia, 2001 Central Street, Prince George, B.C. Applications must be returned by June 1, of the year in which the student will commence studies.

Cal Callahan Memorial Bursary

The Pipe Line Contractors Association of Canada is offering a bursary or bursaries not exceeding one thousand dollars (\$1,000) in the aggregate, in memory of its fourth past-president, the late C.A. Callahan.

Applicants must be sons, daughters or wards of persons whose principal income is derived from the Pipeline Industry and whose employer is a member of the Pipe Line Contractors Association of Canada. Applications will be reviewed and selection made by the executive committee of the association on or about September 19, 1979.

Application forms are available from Pipeline Contractors, Association of Canada, Suite 203, 698 Seymour Street, Vancouver, B.C. V6B 3X6.

Canadian Army Welfare Fund Bursaries

Bursaries are available from the Canadian Army Welfare Fund to assist dependents of former members of the Canada Army to obtain a post-secondary education by providing financial assistance primarily for tuition and purchase of text books.

All applicants must be dependents of former members of the Canadian Army (Regular) who served between October 1, 1946 and January 31, 1968. Dependants may include natural, step, or legally adopted children. Service with the former Royal Canadian Navy or Royal Canadian Air Force does not constitute eligibility. For more information and applications contact: The Manager, Canadian Army Welfare Fund, Veterans Affairs Building, Lyon and Wellington Streets, Ottawa, Ontario K1A 0P4.

The established date for the submission of application is July 1st each year. All applicants will be notified of the results by August 15th.

Canadian National Institute for the Blind

A \$200 per year grant is given to blind students to offset some of the expense in hiring readers. Eligible persons should apply to the Director, B.C. - Yukon Division of C.N.I.B., 350 East 35th Avenue, Vancouver, B.C. V5W 1C6.

Children of War Dead

The Department of Veterans Affairs under the Children of War Dead (Education Assistance) Act provides assistance in respect of tuition fees up to \$800 per year as well as a monthly allowance. Eligibility is determined by the applicant being dependent upon a pension being paid during some period prior to application for training. Contact the College Counsellor, Special Services, Department of Veterans Affairs, 1155 Robson Street, Vancouver, B.C. V6E 1B9.

Merrill C. Robinson Bursary Fund

The Merrill C. Robinson Bursary Fund is sponsored by the Canadian National Institute for the Blind to honour the long service to blind people given by the late Merrill C. Robinson, M.B.E., LL.D. This fund will be administered by a special committee of the CNIB Divisional Board and will be used to assist blind students attending any university or college within the B.C. - Yukon Division other than the University of British Columbia. Awards will be made only to those who show evidence of ability and promise. Letters of application are to be forwarded to: The Merrill C. Robinson Bursary Fund, Canadian National Institute for the Blind, 350 East 36-Avenue, Vancouver 15, B.C.

Navy League of Canada Scholarshiups

Scholarships of \$100 are awarded annually to Royal Canadian Sea Cadets, former Sea Cadets, Navy League Wrenettes or former Wrenettes with at least 12 months service entering first year at a Community College. Applications can be obtained from the Navy League of Canada, National Council, Suite 910, 85 Range Road, Ottawa, Ontario, K1N 8J6. Deadline is August 11.

Royal Canadian Legion (Pacific Command) Bursary / Scholarships

The Royal Canadian Legion (Pacific Command) offers annually a number of awards for students proceeding from Secondary School to University or a University Transfer Program and a limited number of awards for students entering Second, Third, and Fourth years. These Scholarships are awarded on the basis of academic standing, financial need and participation and achievement in student and community affairs. Preference is given to sons and daughters of deceased, disabled or other veterans, but applications from other worthy students are considered. The deadline date for receipt of applications is May 30. Application forms and further information may be obtained from, and completed applications are to be returned to Pacific Command, The Royal Canadian Legion, 3026 Arbutus Street, Vancouver, B.C. V6J 3Z2.

Sons of Norway Foundation in Canada

Three scholarships of \$600 each are offered by Sons of Norway Foundation in Canada to students who have shown interest in Norwegian culture, history or language. They are open to students who show evidence of sound academic performance and financial need. The awards are tenable at any recognized community college, vocational institute or university in B.C. and can be for any study year. Application forms available at the College or from Sons of Norway Foundation in Canada, 905-935 Marine Drive, West Vancouver, B.C. V7T 1A7.

High School Scholarships and Bursaries

Students entering from high schools in the college region are eligible for a number of locally administered scholarships and bursaries. Some awards are specifically intended for those students entering vocational programs. For detailed information on those awards available from your school see your school counsellor.

Awards administered by UBC and tenable at Northwest Community College

The University of B.C. administers a number of awards which are tenable at other institutions in B.C. Students should consult the most recent edition of the UBC calendar for details of the awards. Application forms can be obtained from the College or UBC and applications must be made to UBC by July 1st.

- 4777 British Columbia Forest Products Limited Regional College Scholarships
- 4734 Chevron Canada Ltd. Entrance Scholarships.
- 4735 Chevron Canada Ltd. Special Scholarships.
 4710 The Federation of Telephone Workers of British Columbia, Plant Division, Scholarships.
- 7597 The Grand Lodge Masonic Bursaries.
- 4778 The Hospital Employee's Union (Victoria General Unit) Bursary.
- 4786 The William L. Hurford Memorial Scholarship.
- 4718 The International Longshoremen's and Warehousemen's Union Entrance Scholarships.
- 4783 The International Longshoremen's and Warehousemen's Union Scholarships for Entrance to Vocational School.
- 0530 The International Longshoremen's and Warehousemen's Union Undergraduate Scholarships.
- 0547 The Retail Clerks Union, Local 1518, Scholarships.
- 4779 Retail, Wholesale and Department Store Union, Local 517, Bursary.
- 7672 Retail, Wholesale and Department Store Union, Local 580. Bursaries.
- 7678 The Royal Arch Bursaries.
- 4780 The Vancouver Sun Regional College Entrance Scholarship for Sun Carriers.
- 7718 The War Amputations of Canada, Vancouver Branch, Bursaries.

Canada Employment and Immigration Commission (Canada Manpower)

CEIC will sponsor students in certain approved Vocational programs which lead directly to employment. To be eligible, a person must be at least 17 years of age and have been out of school for at least one year. If approved for training, CEIC will pay tuition fees and a maintenance allowance. Apply at your local CEIC Office.

Training Allowances for the Physically, Psychologically, or Socially Handicapped

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

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

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

Director,
Division of Aid to Handicapped
Box 4020
Postal Station "D"
Vancouver, B.C.

Community Education Service

The Community Education Service is an integral part of the College and is responsible for the organization and administration of a wide variety of College offerings at many locations throughout the College Region.

The College Community Education Service is operated in conjunction with the School District Adult Education departments in the Region and in most cases the College Coordinator is also the School District Adult Education Director. Through joint College-School District management committees and through various local and regional advisory committees, the Community Education Service is designed to be responsive to community needs.

With the exception of those programs requiring extensive laboratory or shop facilities, most of the courses listed in this calendar may be available from time to time throughout the Region. In addition, the Community Education Service offers special credit and non-credit courses, seminars and workshops in response to requests from particular communities or interest groups.

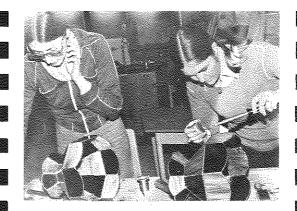
Information about the various course offerings in different locations is published and widely distributed twice yearly. Additional new courses will be advertised well in advance of the starting dates. To register for advertised courses call your nearest College office. Pre-registration, in person or by telephone is essential to the functioning of the Division as only courses with sufficient enrolment will be conducted. Tuition fees must be paid the first night of the class. Registration is not complete until fees are paid in full.

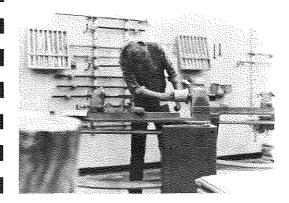
Distance Education

Many residents of the Northwest are denied enrolment in college courses because they cannot be at the place where a course is offered at the time it is offered. Fishermen, shiftworkers, women at home, or others who find it difficult to attend regular classes will soon have the opportunity to take college courses by distance education methods.

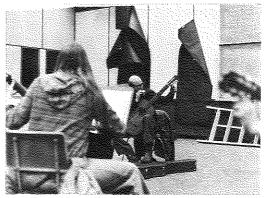
Distance education is correspondence education in the broadest sense of the term. Programs are designed for guided independent study based on the use of print and non-print learning materials with an effective mechanism for two-way communication between the student and teacher.

Courses for distance study will be advertised as they become available.









Academic Division

Nature of the Program

The Academic Division was established in 1975 and serves a region comprising the six school districts in Northwest B.C. Courses are offered in Houston, Smithers, Hazelton, Terrace, Kitimat, Prince Rupert, Stewart, in the Nass Valley and on the Queen Charlotte Islands. The courses offered in the individual communities will vary from year to year. In most centres, classes are usually held in the evening. In Terrace (with on-campus dormitories) a full day program is available. The College promotes the concept of "lifelong learning" and is sensitive to the particular educational needs. Presently courses are offered in the following programs:

- The University Transfer program offers academic courses for university transfer credit and for general interest.
- 2) The Career-Technical Program offers courses in Early Childhood Education, Community Service Worker, and Resource Management.
- 3) The College Preparatory Program offers courses in English, Mathematics and Chemistry for students who wish to obtain background in these areas prior to enrolling in university transfer courses.
- 4) The Special Programs sections offers courses through the Aboriginal Studies Programme, the Women's Studies Program, and the Workers Education Programmes.

Admission Requirements

The Academic Division 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 twelve. Courses are designed for students who intend to proceed to a first degree at a university and for adults who wish to further their intellectual interests and who may have been out of formal schooling for some time. This latter group forms a large and successful portion of the student body. Students in need of extra help in academic studies can also select College preparatory courses. Counselling is available to assist students in selecting their course of study.

Course Offerings

A timetable of courses to be offered and their location will be available from local College Centres in early August.

Of Interest to University Transfer Students

Transfer to and from other institutions

1) Colleges

All B.C. Colleges have agreed to 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, SFU, 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 Division carefully reviews its curriculum to ensure a variety of course offerings and acceptable university equivalency.

Numbering System

The numbers listed for each course in this calendar represent the course number and the credit per semester. A full-time student taking a full load of 5 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 the College, while the University of B.C. and the University of Victoria operate on an eight-month academic year system; therefore: 30 College credits equal 30 credits at SFU or 15 credits at UBC or UVic.

Following each course description will be a series of three numbers, eg. (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.

Tuition Fees

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

Full-time students

(15 or more credit hours) \$130.00 per semester Part-time students \$26.50 per course

(Note: Students enrolled in other than 3 credit hour courses will be charged at the rate of \$9.00 per credit hour)

NOTE: No fees will be charged to Senior Citizens of 60 years of age or older.

How to Apply

Application for admission should be made as early as possible on forms available from the Registrar's Office in Terrace and College offices in other communities in the region. Personal interviews can be arranged for all applicants who require information or counselling.

Return completed application forms to:

The Registrar Northwest Community College P.O. Box 726 Terrace, B.C. V8G 4C2

(Telephone: 635-6511)

Registration

All students must register in person on the dates given in this calendar. Evening course registration sessions will be held at the beginning of each course. Full-time students must bring with them either.

- (a) the letter of admission sent by the College on acceptance of application, or
- (b) complete official records of secondary school and further academic work.

Registration is not complete until the semester fees are paid in full.

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.

Student Association Fee

A non-refundable, minimal student fee of \$1.00 per month will be assessed all full-time students. This fee is payable at the time of registration.

Special Fees

The College endeavours to keep such fees to a minimum. A refundable lab fee of \$3.00 may be imposed at the instructor's discretion.

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 ordinarily do not 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 Credit to Audit status only before the last date for official withdrawal from courses.

Auditors must attend classes on a regular basis.

Refunds

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

Scale of Withdrawal Refunds

- (a) Withdrawal within two weeks after commencement of classes, — 80 percent refund.
- (b) Withdrawal within four weeks after commencement of classes. — 50 percent refund.
- (c) Withdrawal more than four weeks after commencement of classes. — No refund.

Course Change, 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 these changes in this calendar.

A student may withdraw from any course by filing 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.

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 is not officially registered.

Academic Advising

Prior to registration prospective students can discuss questions about courses and programs with the instructors or counsellors. Coordinators in each area have information on programs available at most institutions in B.C. and can make an appointment with a counsellor. 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.

Statement of Grades

A student will receive his grade statement by mail as soon as possible after the end of a semester. Statements of Grades are mailed to the home address unless the Registrar is advised otherwise.

No statement of grades, diploma or certificates 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

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.

Appeals

(See General Information Section).

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	Numerical	_
Grade	Equivalent	Interpretation
Α	4.0	Outstanding Achievement
В	3.0	Above average achievement
C+	2.5	
C	2.0	Average achievement
C-	1.5	-
P	1.0	Below average achievement
F	0.0	Failure - no credit
I		Incomplete grade
W		Withdrawal

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 unforseen, 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 must be made up within one semester immediately following the end of the semester in which it is assigned. Failure to complete the assigned work will result in an incomplete being counted as equivalent to an F for grade point computation. Any extension of the one semester limit must receive prior approval of the Head of Academic Studies.

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 of grade points by the total number of credit hours.

Advance 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 pre-requisite course as a result of advanced placement, credit may or may not be granted for the pre-requisite course.

Advance Credit

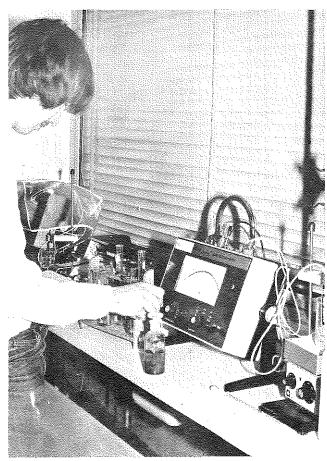
Northwest Community College may grant credit to applicants who have taken B.C. Grade 12 courses or college level courses from other colleges or universities. Students can expect to have these courses evaluated again by the university on application to the university.

In general, any student who has begun a degree program at a university and who expects to obtain transfer credit at a university for Northwest Community College courses must arrange his 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.

Financial Aid

(See General Information Section)





Anthropology

Anthropology is the study of humans, emphasizing a crosscultural and comparative approach. The discipline attempts to trace the physical evolution of humankind, and the historical development of human societies; to study cultural 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. Finally, 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.

At Northwest Community College, credit and non-credit courses will attempt to acquaint students with what anthropologists do and with what they have discovered about other societies and our own.

Anthropology 101-3:

Introduction to Physical Anthropology and Archaeology

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

Anthropology 102-3: Introduction to Social and Cultural Anthropology

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

Anthropology 111-3: Native Peoples of Canada (Traditional life)

A survey of the traditional cultures and lifestyles of Native peoples in Canada with emphasis on B.C. Native life. We will also examine the history of European colonialism in Canada and the changes it caused in Native cultures. (3, 0, 0)

Anthropology 112-3: Native Peoples of Canada (Contemporary Issues)

A consideration of 19th and 20th century Indian and Inuit history in Canada with concentration on B.C. We will take a close look at issues of importance to Native people today including land claims, hunting and fishing rights, community and economic development, education and political action. (3, 0, 0)

Antropology 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 colonialism in Europe and the effects of these developments on various aboriginal and Third World peoples throughout the world. (3, 0, 0)

Stan Persky - B.A. (U.B.C. - 69) M.A. (U.B.C. - 72)

Paul Sneed - B.A. (University of California)
Graduate Studies (University of B.C.)
has taught anthropology at Douglas and Northwest Community Colleges, worked as a resource manager and environmental consultant and had done various kinds of published anthropological research for over fifteen years.

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)

Fine Arts at Northwest Community College currently comprises courses in Fundamentals of Design and in Painting. Community participation and interest has been considerable and we anticipate further growth in the near future. Current plans for expansion include courses in Theatre and Music.

Instructor to be appointed.

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, 0, 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, 0, 0)

Art 103-3: Art History I

This course is designed to familiarize the non-professional as well as the serious art students 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 neoclassical 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 West Coast Indian Art. (3, 0, 0)

Art 154-3: Western European Art History.

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

Art 201-3: Painting I

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

Art 202-3: Painting II

A 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, 0, 0)

Art 203-3: Theatre I

Course outline in preparation.

Art 204-3: Theatre II

Course outline in preparation.

Biology

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 the 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 205 (Ecology) and 206 (Genetics) are suitable as second year university biology.

Biology 100-3: Human Biology

This course will explore human beings as biological entities beginning with a review of cell biology and DNA. We will cover human genetics and evolution, human ecology, anatomy and physiology, reproduction and development, and nutrition. Aspects of health and disease will be integrated with other topics. No laboratory. No pre-requisite.

Biology 101-3: Introductory Biology I

A basic introductory course in general biology. The course covers the origin of life, cell biology, a survey of the kinds of living things including micro-organisms, plants and animals, DNA and RNA and Mendelian genetics. There will be a weekend field trip to the coast to study intertidal life. The laboratory will cover classification of living things, use of the microscope, and a survey of micro-organisms, fungi, plants and invertebrate animals based on microscopic and macroscopic study. Techniques for identification will be included. (3, 3, 0)

Biology 102-3: Introductory Biology II

A continuation of Biology 101. The course covers population genetics, evolution and adaptation, anatomy and physiology, animal behaviour and ecology. The laboratory will cover higher invertebrates, genetics, vertebrate anatomy and histology, functional and comparative anatomy and ecology. At least one field trip will be included. Techniques will involve culturing of *Drosophila*, use of microscopes, dissection and macro-study of specimens, and use of field equipment. Pre-requisite: Biology 101 or consent of instructor. (3, 3, 0)

Biology 205-3: Ecology

This course will cover basic principles of ecology including energy flow and trophic structure, materials cycles, concepts of niche, adaptation and co-evolution, and concepts of community and community dynamics. The laboratory will cover field and laboratory techniques of terrestrial and aquatic ecology. Pre-requisites: Biology 101-102 or consent of instructor. (3, 3, 0)

Biology 206-3: Genetics

This course will deal with Mendelian genetics, population genetics, molecular genetics and evolution. Pre-requisites: Biology 101-102 or consent of instructor. (3, 0, 0)

Allen S. Gottesfeld - B.A. Queens College, City University of New York, Biology; M.S. University of Arizona, Geology; Ph.D. University of California, Berkeley. Paleontology.

Dr. Gottesfeld has taught Paleontology while at university and completion of his studies, and Biology at Northwest Community College. He has done research in paleoecology, environmental studies, mining geology and forestry since completion of his doctorate in 1975. Dr. Gottesfeld has been particularly concerned with modern forest composition and forest history since deglaciation in Oregon and B.C. He has a keen interest in landscape evolution and long term ecosystem dynamics and the the response of eco-systems to human activities and natural disturbance.

Biology 207-3: Invertebrate Zoology

This course will deal with the study of the lower animals, emphasizing their classification, structure, behaviour, ecology and evolution. The laboratory will involve collection and study of living and preserved invertebrate animals. Students will complete a field project. (3, 3, 0)

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. No pre-requisites. (3, 0, 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

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 and from what the substance is made and what its properties are, but for the discarder who might ponder what will become of the throw away and how it will affect the environment.

Chemistry consists of two courses at Northwest Community College. Firstly, there is an introductory course for those who never did it before or have forgotten much of what they did. (Students who would like an insight into the world of chemistry are especially welcome). Secondly, there is a university transferable course for those who seek credit at a first year level. Both courses include a generous amount of lab time.

It is planned to offer second year courses in such high falutin areas as organic, physical, analytical or biochemistry, before the turn of the century. Government and public willing, that is

Chemistry 081-0: From Molecules to Metals 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 1st year university course, but also to give the student some insight into the importance of Chemistry in our society. (3, 3, 0)

Chemistry 082-0: From Molecules to Metals II

This is a continuation of Chemistry 081. (3, 3, 0)

Chemistry 101-3: Introductory Chemistry

This is a basic first year course in chemistry which will enable students to pursue further courses in all areas of Science and in Engineering.

TOPICS:

A review of some basic principles.

Basics of quantum mechanics and electronic configurations.

The periodicity of chemical and physical properties. Chemical bonding,.

Liquids, solution strengths and volumetric analysis.

Properties of gases.

Chemical equilibrium in both gases and solutions. (3, 3, 1)

Prerequisite: Chemistry 11, Math 12

Chemistry 102-3: Introductory Chemistry II

A continuation of Chemistry 101

TOPICS:

Thermochemistry
Redox Reactions and electrochemistry
Acids and Bases
pH, hydrolysis, buffers
Intro. to organic chemistry
(3, 3, 1)

Prerequisite: Chemistry 101 or permission of the instructor.

Norman J. Webster - B.Sc. (Hons) Wales, M.Sc. (Windsor)

Worked in Government and hospital laboratories for eight years before going into teaching. Taught in Science and Technology Programs for 12 years at St. Clair College (Windsor). Since 1975, Chemistry and Math Instructor at Northwest Community College. Head of the Academic Division 1977 - 1979.

Chemistry 103-3: Principles of Chemistry I

This is not an introductory course but is intended to provide the student with a thorough grounding in chemistry at a first year university level. It is a required course for most students intending further study in Science or Engineering. Course content is presently under review. (3, 3, 1)

Chemistry 104-3: Principles of Chemistry II

This is a continuation of Chemistry 103, (3, 3, 1)

Economics

No Economics courses will be offered in the 1979-1980 academic year, but it is anticipated that some of the following courses will be offered in the future.

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 Economic 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 Micro-Economics

An introduction to the theory of consumer behaviour, production and equilibrium under conditions of perfect and imperfect competition. (3, 0, 0)

Economics 202-3: Principles of Macro-Economics

An introduction to the theory of national income, employment, growth, money, public finance and international trade. (3, 0, 0)

Economics 210-3: The Canadian Economy

An introduction to the development of the Canadian economy, and the analysis of Canadian economic problems. The course will discuss the different types of government policies which might be used to enhance the quality of our lives. (3, 0, 0)

English

The teaching of English at Northwest Community College is intended to impart, or 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 language. In writing, speaking and thinking, our competence with language is exercised actively. Language is like a horse in this respect. A horse will not respond if it is treated like a lump of inert matter, to be shoved, kicked, or dragged along the road. The writer is only frustrated when he or she treats language as a dead, unresponsive apparatus. The better the writer gets to know it, the more it will become his partner, or ally, in expressing what he has to say.

Integrity. The writer gradually comes to a sense of what she or he particularly has today, 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. ... If you're going to lick the icing off somebody else's cake you won't be nourished and it won't do you any good — or you might find the cake had caraway seeds and you hate them. But if you make your own cake and know the recipe and stir the thing with your own hand it's your own cake. Such lots of folks are licking the icing off the other fellow's cake.

Emily Carr, Diaries

George Stanley - B.A., M.A. (San Francisco State) Has taught at San Francisco State, Mercer University, and Northwest Community College. A published poet, who has also worked in journalism and publishing.

Maureen Bostock - B.A., M.A. (University of Toronto) Born in 1951. Resident of northwest B.C. since 1976. Has been a full-time instructor at Northwest Community College for two years. Areas of interest include the literature of native peoples and women.

English 081-0: Preparation for College English

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

English 101-3: Literature and Composition I

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

English 102-3: Literature and Composition II

Reading and discussion of modern fiction, essays, drama, and poetry. Lectures on grammar and style. Introduction to the study of language. Written assignments based on analysis of the literature read, personal experience, and subjects of general interest. English 101 is not a pre-requisite for English 102. (3, 0, 0)

English 109-3: Creative Writing I

Reading and criticism of student writing. Lyric poetry, short fiction, myths, autobiography, local history, journalism. (3, 0, 0)

English 110-3: Creative Writing II

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

English 151-0: Business and Technical Writing

Course outline in preparation (11/2, 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, Romaticism, Industrialism. Reading and discussion of works by Milton, Bunyan, Swift, Blake, Coleridge, Dickens, and others. Written assignments based on the works read. English 201 is not a pre-requisite for English 202. (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 World War II

The English literature of Canada from World War II to the present (with the inclusion of 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. English 203 is not a pre-requisite for English 204. (3, 0, 0)

English 224-3: Women in Literature

(See Women's Studies 224)

English 225-3: Women in Literature

(See Women's Studies 225)

French

Because of enthusiasm for French, a modern language, a course in French is planned for the 1979-1980 academic year at the Terrace Campus.

Instructor to be appointed.

French 101-3: Introductory French I

Course outline in preparation.

French 102-3: Introductory French II

Course outline in preparation

French 103-3: First year French I

This course is intended to provide a solid grounding in French grammar and syntax, concentrating on aural comprehension, oral expression, and lastly written recognition and expression. $(3, 1\frac{1}{2}, 0)$

French 104-3: First year French II

A continuation of French 103 (3, 11/2, 0)

Geography

Geography is the study of processes. Processes that occur in time and in space. A coming together of events only once, that gives character to a place.

Geographers are concerned with understanding why a place is the way it is — and how that place gains its character — and when did these characteristics come into being.

Our basic tool is the map. A map illustrates interaction over time and over space. It shows signs that contribute to the character of a place; and give possible clues as to the future.

An understanding of geography hones your appreciation of environment. It helps one be aware of what is going on. And, it is an enjoyable experience in terms of learning.

At Northwest Community College a variety of Geography courses are available. They are wide ranging as to content in order to encourage inquiry. All of the courses have university transferability. Lectures, field trips, readings and discussions constitute the core of all courses.

There are no pre-requisites for enrolment, other than an inquiring mind.

Geography 101-3: An Introduction to Geography

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

Geography 102-3: Social Geography

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

Geography 205-3: Canada - Cultural Geography

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

Geography 241-3: Canada - Physical and Cultural

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

Geography 242-3: Man-Land Relationships

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

Ian Anderson - B.A. (McMaster), M.A. (Simon Fraser)

Geography 228-3: British Columbia

British Columbia will be examined in terms of its physical and cultural geography. Of particular concern will be the Aboriginal population, distribution and resource utilization developments in our century. Continuity and change in the context of social and economic structures and by way of (3, 0, 0)

History

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 for becoming aware of ourselves in the current socio-political environment. Such a view underlines the need for a historical consciousness of the past as a necessary stage towards the present and also towards the realization of a better society in the future.

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

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

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

History 101-3: European and World History I (See History 103)

History 102-3: European and World History II (See History 104)

History 103-3: Europe from the 1840's to the First World War

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

History 104-3: Europe and the World: The last sixty years in perspective

Two world wars, the Great Depression and Fascism, the Russian and Chinese revolutions have marked major developments in our century. Continuity and change in the economic and social foundations have been reflected in the nature of society and in a variety of ideologies. We shall examine these events and elements in their historical context and in how far they have contributed towards shaping the world of today. (3, 0, 0)

Peter Weber - M.A. (Germany) Ph.D. (Simon Fraser University)

Has been teaching at the College since 1976; experience in secondary and in adult education; research and teaching assistant at universities; various jobs in offices, warehouses and factories.

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 in the United States. We shall focus on the works of younger scholars and discuss a variety of interpretations. (3, 0, 0)

History 106-3: Canada since the 1890's

In this course we shall analyse 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 1930's to that of today), nationalism, bi-culturalism and multiculturalism (in a historical context of cohesion of society and federal-provincial relations). (3, 0, 0)

History 131-3: Local History

An examination of the history of the Terrace and Skeena River areas. Topics to be discussed include the fur trade, missionary activity, steamboat days, settler/native relations, and issues in communication and transportation. We will also look at provincial and Canadian history as it has touched this area. Extensive use will be made of original photos, maps, newspapers and documents from the area. Each student will be expected to do a project relevant to the course. (3, 0, 0)

History 153-3: Nishga Local History.

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

History 201-3: Imperalism from the mid-19th century to the present

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

History 202-3: Fascism

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

History 203-3: The working class and the industrial revolution in Europe and North America (1750-1914)

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

History 204-3: Organized Labour and Organized Capitalism since 1914.

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

History 251-3: The Writing of History

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

Mathematics

Mathematics is a language. It has a precise vocabulary and an orderly structure. Through the language people attempt to describe observed phenomena and to process this information in an attempt to answer questions. It is perhaps unfortunate that at Northwest Community College, (as in many other educational institutions) Math has become almost the sole preserve of science oriented students for it was, historically, an important component of liberal arts courses.

At Northwest Community College 3 courses are presently offered, two of which are high school completion courses and one of which is a university transferable Calculus course designed to meet the needs of Science and Engineering students.

Future plans include the development of course in Computer Science and Statistics, and a course for NON-science students who are interested in the further study of Mathematics, beyond grade 11 (Finite Math).

Both science and non-science, credit and non-credit students are invited to participate.

Math 081-0: College Prep. I

This is a course designed for students who wish to do further study at a Math 11 level. Those who enjoy the challenge of Math are encouraged to join the class, as well as those who wish for grade 11 credit. Programmed instruction and lecture is used to enable each student to proceed at his or her own speed. Students may join the class at any time. Pre-requisite: Math 10 or permission of instructor. (3, 0, 0)

Math 082-0: College Prep. II

This is a continuation of Math 081-0. Students who complete 081-082 will have the equivalent of Math 11. (3, 0, 0)

Math 083-0: College Prep. III

This course is a sequel to Math 081 and is designed for students wishing to do further study at a Math 12 level. Those who enjoy the challenge of Math are encouraged to join the class, as well as those who need grade 12 credit. Programmed instruction and lecture is used to enable each student to proceed at his or her own speed. Students may join the class at any time in consultation with the instructor. Pre-requisite: Math 11 or Math 081-082 or permission of instructor. (3, 0, 0)

Math 084-0: College Prep IV

This is a continuation of Math 083. Students who complete 083-084 will have the equivalent of Math 12. (3, 0, 0)

Math 101-3: Calculus I

An introduction to the basic techniques of DIFFERENTIAL calculus, designed to meet the needs of Science and Engineering students at a first year university level. Prerequisite: Math 12. (4½, 0, 0)

Math 102-3: Calculus II

A continuation of Math 101 in which the basic techniques of INTEGRAL calculus will be studied. The course is designed to meet the needs of Science and Engineering students at a first year university level. Pre-requisite: Math 101. (4½, 0, 0)

Norman J. Webster - B.Sc. (Hons) Wales. M.Sc. (Windsor) Taught in Science and Technology Programs for 12 years at St. Clair College (Windsor). Since 1975, Chemistry and Math Instructor at Northwest Community College. Head of the Academic Division 1977-1979.

Math 121-3: Computer Science - Introduction to Computing

This is a course for people who know little about computers or programming. It will introduce students to the ways in which computers are used to solve problems, through a mixture of classroom discussions and hands-on computer experience. Though there are no formal pre-requisites, students would benefit from having completed grade 11 Math. (2, 3, 0)

Math 131-3: Introductory Statistics

An introduction to description statistics, sampling, probability, estimates, hypothesis testing, correlation and regression. It is recommended for both Arts & Science students and anyone who wished to develop an ability to evaluate and analyze published data. Pre-requisite: Math 11 or instructor permission. (3, 0, 0)

Philosophy

Philosophy is a study in the history of human thought and a study in the sensible use of our thinking faculties for living in dialogue with our fellow man.

Applied philosophy, then becomes the practice of life management. That means people use their thinking faculties to evaluate their ultimate values and learn to choose responsible action from the many alternatives open to them.

For the 1979-1980 academic year Northwest Community College intends to offer Philosophy 101 and 102 in two of the College Centers.

Philosophy 101-3: Introduction to Philosophy

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

Philosophy 102-3: Moral Philosophy

An introduction to the central concepts in moral philosophy including consideration of obligation, responsibility, and justice in the community. (3, 0, 0)

Philosophy 103-3: Introductory Philosophy I

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

Philosophy 104-3: Introductory Philosophy II

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

Instructor to be appointed

Physics

Physics will be offered in Terrace and Kitimat in the 1979-1980 academic year. Two of the following four courses will be offered. Instructor to be appointed.

Physics 101-3:

An introductory survey of mechanics and heat; kinomatics and dynamics of particles, work, energy, momentum, rotational motion, simple harmonic motion, temperature scales, thermal expansion, heat transfer; specific heat.(3,3,0)

Physics 102-3:

An introductory survey of electricity, magnetism and light; electrostatics; electric fields, capacitance, potential, currents, resistance, electric circuits, magnetic forces, magnetic fields, electromagnetic induction; alternating currents, waves and light; interference, diffraction; emission and absorption spectra, special relativity. (3, 3, 0)

Physics 111-3: Mechanics and Sound

This is a course for students who already have a background of both Physics and Mathematics from high school, and is intended for students who plan to study engineering, science or life science. Topics will include Newtonian mechanics, vibrations, and waves, the objective being to use the theory to solve related problems and to develop a feeling for the order of magnitude of physical quantities in real experiments. Lab experiments comprise an important part of the course. Pre-requisite: Physics 12, Math 12. Co-requisite: Calculus I (3, 3, 0)

Physics 112-3: Electricity and Magnetism, etc.

This a continuation of Physics 111 being intended for students who plan to study engineering, science or life science. Topics will include light, electricity and magnetism and atomic structure. The course will be presented using both lectures and lab experiments. Pre-requisite: Physics 111. Co-requisite: Calculus II. (3, 3, 0)

Political Science

Political Science courses will be offered at the Terrace Campus for students enrolled in the Aboriginal Studies Program and at some of the other College centers in the 1979-1980 academic year.

Instructor to be appointed.

Political Science 101-3: Canadian Politics I

An examination of the institutions and processes of Canadian Government. Analysis will be made of the Canadian social structure and political culture. Parties, pressure groups, social movements, federalism and the legislative, executive and judicial aspects of government will be studied. (3, 0, 0)

Political Science 102-3: Canadian Politics II

A continuation of Political Science 101. Topics include a study of major political ideologies such as nationalism, conservatism, liberalism, socialism, anarchism, fascism, and democracy. (3, 0, 0)

Psychology

Psychology is the study of the behaviour of organisms. In this quest psychologists have investigated the effects of the external physical and social environment and internal biochemical and psychological events on behaviour and related cognitive activities. The study of psychology entails gaining familiarity with the concepts and controversies in psychology and experience with the techniques employed by psychologists.

The psychology program at Northwest Community College offers both first and second year transfer credit courses for students intending to continue academic studies, students enrolled in the Early Childhood Education Program, and people interested in becoming aquainted with psychology. The introductory psychology sequence, Psychology 101 (Fall Semester) - Psychology 102 (Winter Semester) is required for direct credit at U.B.C., S.F.U. and UVic. Students may chose to take either of these courses without the other for non-assigned credit. All Psychology courses may be taken either in first or second year.

Psychology 101-3: Introductory Psychology I

A survey of major findings in psychology with an emphasis on psychological techniques. Selected topics include: scientific inquiry; physiological basis of behaviour; learning theories; communication and memory; thinking, reasoning and creativity. (3, 0, 0)

Psychology 102-3: Introductory Psychology II

This is an continuation of Psychology 101. Selected topics include: perception; consciousness; motivation and human sexuality; emotion and cognitive control; personality theory and assessment; deviance, pathology and madness; therapeutic modification of behaviour; social psychology. (3, 0, 0)

Psychology 201-3: Human Development

In this course the physiological and psychological development of infants is the subject matter. Topics include pre- and post-natal development, perception, learning, language acquisition, thinking, and personality development. (3, 0, 0)

Psychology 202-3: Developmental Psychology

This course is a continuation of Psychology 201. Selected topics will include socialization, child rearing practices, effects of the school system, and personality. (3, 0, 0)

Psychology 211-3: Experimental Psychology I

An introduction to experimental design. The aim of this course is to familiarize students with various non-parametric designs including baseline studies, and their application to research in Psychology. The course consists of lectures and laboratory exercises. Students will gain experience in planning, conducting and reporting experiments. Psychology 101-102 pre-requisite, or permission from instructor. (2, 2, 0)

André Klingner - B.A. (Sir George Williams University, 1969), M.A. (Hollins College, 1971)

Has taught at Dawson College, Montreal and at Northwest Community College. Professional experience and interest include, neuropsychology, psychogeriatrics, and clinical psychology.

Psychology 212-3: Experimental Psychology II

This is a continuation of Psychology 211. The aim of this course is to familiarize students with various parametric techniques including analysis of variance and their application to research in Psychology. Psychology 211 prerequisite. (2, 2, 0)

Sociology

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

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

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

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

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

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

Sociology 101-3: Introduction to Sociology I

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

Sociology 102-3: Introduction to Sociology II

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

Sociology 110-3: Women's Movement in Canada (See Women's Studies 110, page 42)

Sociology 111-3: Women in Cross-Cultural Perspective (See Women's Studies 111, page 42)

Sociology 201-3: Women: An Inquiry into Philosophy (See Women's Studies 201, page 42)

Sociology 202-3: Women: An Inquiry into Philosophy II (See Women's Studies 202, page 42)

Sociology 203-3: Sociology of Education

Sociological study of the structure of educational institution in industrial societies; emphasis on Canadian context. (3, 0, 0)

Sociology 204-3: Sociology of Education

This course is a continuation of Sociology 203 with cross-cultural emphasis (3, 0, 0)

Sociology 205-3: Sociology of the Family

The family and related social institutions. Topics include the origin and history of the family, marriage and children in Western Society. (3, 0, 0)

Sociology 206-3: Sociology of the Family

A continuation of first semester with emphasis on crosscultural 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) Jacob Muller - B.A. (University of Guelph), M.A. (Dalhousie University)

is a PH.D. candidate in Sociology at the University of British Columbia.

He has worked in the areas of problems of youth, mental health, and community development.

Sociology 207-11/2: Sociology of Labour

(See Labour Studies 207, page 44)

Sociology 208-11/2: Sociology of Labour (See Labour Studies 208, page 44)

Sociology 209-3: Canada: Differing Perspectives I

This course examines Canadian society; its problems and developments from a sociological perspective, which will include differing regions and ethnic groups from across Canada. (3, 0, 0)

Sociology 210-3: Canada: Differing Perspectives II

This course is a continuation of Sociology 209, with an emphasis on work patterns and life styles. (3, 0, 0)

Aboriginal Studies

Northwest Community College offers a diverse series of programs designed to serve the large Native population in the College area. Grouped under the title "Aboriginal Studies", the courses, seminars and non-credit workshops are designed to take a hard and realistic look at lifestyle, literature, history and politics in relation to the Native nations of the Northwest.

The programs are guided by an advisory committee of Native Indian people representing the major tribal nations of the Northwest and the instructors in the program are well versed in Native matters. We see our primary commitment to the people and it is with this in mind that all our programs are designed.

There are three main components in the Programs in Aboriginal Studies:

Professional Studies Component

This is a uniquely designed program of university transfer courses developed especially for Native people involved in jobs or volunteer activities serving their people. Through a carefully selected list of readings, subjects, guests speakers and films, students take a thorough look at a whole host of topic areas such as human behaviour, government structures, land and resources, law, racial stereotypes, sexual stereotypes and political systems.

Starting in 1979 / 1980, there will be several ways that people can participate in this program which is open to all mature adults regardless of their previous educational experience. First, as before, all classes will be given for one week every month in Terrace, so students can maintain their jobs and family commitments while attending college. Secondly, Native students who are enrolled in the regular college day program in Terrace can participate by taking selected courses in the Professional Studies Component of Aboriginal Studies. Finally, beginning this year, part of the program will be offered in outlying communities such as New Aiyansh or the Queen Charlotte Islands.

Courses offered in past years have included Anthropology, English, Psychology, Environmental Studies and Political Science. Depending on the professional direction the student wishes to pursue, future options may be available in Social Work, Law, Communications and other fields.

Financial support is available through the Department of Indian Affairs, the Secretary of State and the First Citizen's Fund. Travelling tutorial help and study skills training are available to students who lack confidence and / or proper study habits.

The following courses and workshops will be offered:

Paul Sneed - Program Coordinator and Instructor of Anthropology and Study Skills

Aboriginal Studies Courses (University Transfer)

(See course description in the appropriate section of the calendar)

Anthropology 111-3 (Aboriginal Studies) Anthropology 112-3 (Aboriginal Studies) Biology 212-3 (Aboriginal Studies) English 101-3 (Aboriginal Studies) English 201-3 (Aboriginal Studies) Political Science 201-3 (Aboriginal Studies) Political Science 202-3 (Aboriginal Studies)

Psychology 101-3 (Aboriginal Studies)
Psychology 102-3 (Aboriginal Studies)

Aboriginal Studies Courses (College Credit)

Aboriginal Studies 151: Communications

This course will be a practical approach to the use of written and oral communication skills. Students will be given experience with various forms of media (e.g., newspaper, T.V., etc.) and communications technology.

Aboriginal Studies 152: Communications

This course is a continuation of Aboriginal Studies 151.

Aboriginal People and the Land

A seminar review for credit or non-credit, looking at the history of European contact and conflict with Aboriginal peoples in North America, with specific references to Canada and Northwest B.C. A variety of films and guest speakers will compare modern conditions and historical events from the Northwest Territories to Wounded Knee. In 1979 / 1980, this seminar is being used to discuss Law and Native Rights as interpreted by several experienced lawyers. For further information on courses, professional options leading to higher university degrees, and academic requirements, please contact the Program Coordinator or Registrar at the College.

Community Workshops

In addition to the above programs, many workshops and seminars are organized through the program. These are held wherever people may want them and concern just about any issue involving Native people.



Community Service Worker Program

The Community Service Worker (CSW) Program is directed at those people who wish to obtain training and skills in the social service fields. This training will include university transfer courses and special courses to prepare the student to work at a para-professional level of occupation in helping and caring for people with different needs. Usually para-professional people are supervised by a professional person.

This program is directed at those CSW's such as home-school co-ordinators, child care workers, teacher aides, etc. In general, anyone interested in learning more about skills in the social services will benefit from this program. Opportunities of graduates from this program include: child care worker; social work aids; financial assistance worker; homemaker supervisor; community service worker; related government positions; home-school co-ordinator; transition centre counsellor for women.

With credits from the university transfer program students may wish to go on into professional careers in human and social services such as: social worker; family counsellor; probation officer; management positions within corrections; high school or college counsellor; any other professional position in the social service field.

Admission Requirements:

Persons accepted into the program must:

- Present evidence of a medical examination indicating no physical, mental or emotional problems which might hinder the applicant in community work and evidence of a recent chest x-ray for T.B.
- 2. Be 19 years of age or older.
- 3. Submit two letters of reference.
- 4. Come for a personal interview prior to acceptance.
- Have work or volunteer experience in the field of community social work (this is a recommendation).

Program

The Community Service Worker Program contains 2 electives:

- (i) Community Service Worker
- (ii) Child Care Worker

Instructor to be appointed.

The following information gives a semester breakdown of each course for both first and second year requirements of the community service worker program and the child care worker program. A total of 30 credits are required for year one and a total of 60 credits for year two. This applies to each program.

In addition, special requirements of a first aid certificate and workshops in health and nutrition are required for first year training.

The "core seminar" will aim to place the CSW skill training within an integrated social science context of the individual and individual in society. It will involve team teaching where instructors will emphasize their perspectives (historical, political, economic, social-cultural, and psychological).

Upon successful completion of the first year the student will be awarded a "certificate". Upon successful completion of the second year a "diploma" will be awarded.

Community Service Worker Program

Community Service Worker Courses Year 1

Semester 1

English 151: Business and Technical Writing

CSW 151: Communication Skills

CSW 153: Group and Workshop Skills

CSW 155: Core Seminar

CSW 181: Practicum I

Semester 2

CSW 162: Interpersonal Skills

CSW 164: Consulting Skills

CSW 166: Working in Organizations

CSW 156: Core Seminar 102

CSW 182: Practicum II

Also required for year 1:

(i) First Aid - St. John's Ambulance Certificate

(ii) Workshops in Health and Nutrition

Community Service Worker Courses Year 2

Semester 1

CSW 251: Helping Relations

CSW 253: Community Research

Psychology 101-3: Introductory Psychology I

Sociology 101-3: Introduction to Sociology I

CSW 281: Practicum

Semester 2

CSW 252: Helping Relations (Counselling Process)

Anthropology (Cross Culture) 102-3: Introduction to

Social and Cultural Anthropology

Psychology 102-3: Introductory Psychology II

Sociology 102-3: Introduction to Sociology II

CSW 282: Practicum IV

Child Care Worker Program

Child Care Worker Courses Year I

Semester I

English 151: Business and Technical Writing

CSW 157: Effective Relations

CSW 159: Child Care Workshop

CSW 155: Core Seminar

CSW 191: Practicum

Semester 2

CSW 162: Interpersonal Skills

CSW 252: Helping Relations (Counselling Process)

CSW 160: Child Care Workshop

CSW 156: Core Seminar

CSW 192: Practicum

Also required for Year I:

- (i) First Aid St. John's Ambulance Certificate
- (ii) Workshops in Health and Nutrition

Child Care Worker Courses Year II

Semester I

CSW 255: Communications Advanced

Psychology 201: Development of Psychology I

CSW 259; Child Care Workshop

CSW 291: Practicum

Elective

Semester 2

Communications Advanced 202

Psychology 202: Developmental Psychology II

CSW 260; Child Care Workshop

CSW 292: Practicum

Elective

Recommended:

Abnormal Psychology (to be articulated). Sociology of the

Family 205 and 206.

The following courses will be offered in 1979-1980:

Community Service Worker Courses (College Credit)

CSW 154: Communication Skills

An introduction to basic techniques of written and oral communication. It will include interviewing and telephoning skills, oral communication, active listening and interpersonal skills.

CSW 164: Consulting Skills

Course content will include client goal setting, developing appropriate courses of action, contract development and evaluation of meeting client goals.

CSW 191: Practicum I

You will spend supervised time gaining experience in a social organization. This will allow you to practice those skills from your courses and allow feed-back on your competence. The field work practicum may be innovative in nature in response to community needs. There will be a weekly seminar either on an individual or group basis with the student and field work supervisor or community development instructor(s).

CSW 192: Practicum II

This will be a continuation of CSW 191. This practicum will emphasize a group seminar whenever possible.

CSW 157: Effective Relations

This course will train you to minimize distortion, listen accurately, respond accurately to the other person's feelings, send "I" messages and be visible to others as a person.

English 151 - Business and Technical Writing

(See description under English 151)

Community Service Worker Courses (University Transfer)

See Calendar description in appropriate section.

Anthropology 102-3

Psychology 101-3

Psychology 102-3

Psychology 201-3

Psychology 202-3

Sociology 101-3

Sociology 102-3

Sociology 205-3

Sociology 206-3

Early Childhood Education

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

Admission Requirements

Persons accepted into the program must:

Present evidence of a medical examination indicating no physical, mental or emotional problems which might hinder the applicant in working with young children and evidence of a recent chest x-ray for T.B.

Have successfully completed Grade 12 and show evidence of good student potential.

Have some experience with young children, particularly with groups of children. References may be presented at the time of interview.

NB Mature students may be admitted without Grade 12 graduation.

Larisa Tarwick - Preschool Training Program (VCC 1972) M.A. (Pacific Oaks - pending)

She has extensive experience working with children in a variety of capacities and is a member of B.C. Pre-school and Primary Teachers Association. Interests include music, dance, crafts and cross-country skiing.

How To Apply

Applications for the 79-80 academic year should be submitted through the office of the Registrar no later than June 30, 1979. Additional information is available on request from the Registrar.

Students will be interviewed by the Early Childhood Education Department before commencement of the academic year.

Dates and Location

The program extends from September 10,1979 until May 31, 1980. At present, the full-time program is offered at the Terrace Campus, Northwest Community College. Individual sections are also offered in Terrace and other areas throughout the college region.

Fees and Costs

Fees will be \$130.00 per semester. Books and other supplies will cost approximately \$100.00 per semester.



Program:

Fall Semester

ECE 101 Program Development

ECE 102 Curriculum Development

ECE 123 Human Relations

ECE 105 Practicum I

PSYC 201-3 Child Psychology

ENG 101-3 Literature and Composition I

Winter Semester

ECE 121 Program Development

ECE 122 Curriculum Development

ECE 104 Health and Nutrition

ECE 124 Administration

ECE 125 Practicum II

PSYC 202-3 Child Psychology

ENG 102-3 Literature and Composition II

May

ECE 126 Practicum III

Early Childhood Education (College Credit)

Early Childhood Education 101: Program Development I

An introduction to planning and development of programs for pre-school centers; principles of guidance, use of facilities, equipment, routines of play, role of adults.

Early Childhood Education 121: Program Development II

A continuation of Early Childhood Education 101.

Early Childhood Education 102: Curriculum I

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

Early Childhood Education 122: Curriculum II

A continuation of Early Childhood Education 102 with emphasis on practical work.

Early Childhood Education 104: Health and Nutrition

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

Early Childhood Education 125: Practicum I

Methods of observation and recording child behaviour. The student is exposed to a variety of education and care facilities for young children.

Early Childhood Education 123: Human Relationships

A study of the inter-relationships of home, school, and community in child development. Attention given to effective parent-teacher relationships, techniques of communication.

Early Childhood Education 124: Administration

An introduction to budgeting, records, purchasing and staffing. Relationships with government agencies.

Early Childhood Education 126: Practicum II

Participation as an assistant in a variety of child care settings.

Early Childhood Education 127: Practicum III

Participation full time as an assistant in one pre-school or day care center.

Early Childhood Education (University Transfer Credit) English 101-3 and 102-3: Literature and Composition

(see English section, page 23)

Psychology 201-3 and 202-3: Developmental Psychology (See Psychology section, page 33)

Northwest Studies

The Northwest Studies Program is centered around an interdisciplinary approach. Based on the integration of the contribution of a number of separate academic disciplines (geography, biology, history, sociology, geology, economics, anthropology, political science and the humanities), the program involves both university transfer and college credit courses as well as short non-credit workshops, lectures and courses.

The program is concerned with Northwestern British Columbia as a distinct region within the province. The nature, identity, unique features and special problems of the region forms the core of its subject matter.

Northwest Studies 101-3: Northwestern B.C.

An examination of the most pressing social issues which characterize the area today. Special attention will be given to the operations, policies and effects of the different levels of government and the politics of development. (3, 0, 0)

Instructor to be appointed.

Women's Studies

One is not born, but rather becomes, a woman. No biological, psychological or economic fate determines the figure that the human female presents in society; it is civilization as a whole that produces this creature, intermediate between male and eunuch, which is described as feminine.

Simone de Beauvoir - The Becond Sex

Women's Studies are about women. Women who do and have done a variety of things from writing books to working in factories. Women's Studies does not exclude men but rather focuses on women and how they fit into society. Women's Studies deal with sexism and its effects on men and women. They provide a space where women and men can talk about sexism from an historic and current perspective. Women's Studies are for anybody who is interested in critically analyzing the question of 'female and male' in the society.

Women's Studies Advisory Committee (W.S.A.C.)

The W.S.A.C. is composed of women from various women's groups throughout the college region. This committee was instrumental in setting up the Women's Studies program at Northwest Community College and continues to act as an advisory committee to the College Council and the Women's Studies Program.

Programs

The Women's Studies program is divided into two categories: university transfer courses and community education courses. The community education courses are also divided into two basic areas: practical 'how to' courses, i.e. basic automobile repairs, basic carpentry, etc. and psychological courses, i.e. assertiveness training and consciousness raising. Watch the local C.E.S. calendars and local newspapers for more information regarding these courses.

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

This course examines women writers and thinkers and their contribution to society. Differing perspectives on women by various writers, from various times and countries are included. (3, 0, 0)

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

This course is a continuation of Sociology 201. (3, 0, 0)

Women's Studies 101-3: Women in Canada

This course will examine the status and role of women in Canadian society. It will trace the development of sex role divisions in the family and other institutions and examine the influence of education, media, etc., on the development and reinforcement of female role models. (3,0,0)

Women's Studies 102-3: Women in Other Countries

A continuation of Women's Studies 101. Particular attention will be paid to the role of women in the paid labour force. The status of women at all levels of society will be examined; in addition North American conditions will be contrasted to those in other cultures, particularly in Europe and Asia. (3, 0, 0)

Joanne Nakonechny - B.A. (U.B.C.) M.Sc. (Université de Montréal)

Women's Studies Coordinator for the past 2 years. Interested in political economic and psychological implications of the women's movement.

Women's Studies 103-3: Pre-Industrial Society

A cross-cultural comparison of the sex roles and women in Pre-Industrial societies. (3, 0, 0)

Women's Studies 104-3: Post-Industrial Societies

A continuation of Women's Studies 101 with emphasis on women in Post-Industrial societies. (3, 0, 0)

Women's Studies 110-3: Women's Movement in Canada

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

Women's Studies 111-3: Women in Cross-Cultural Perspective

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

Women's Studies 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 critiscism to establish themes and stylistic patterns developed by women. This course will survey selections from the 14th century to the present. (3,0,0)

Women's Studies 225-3: Women in Literature II

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

Workers Education

The Workers Education Program is designed to serve the needs of the trade union organizations and workers in general. The program offers material useful to those engaged in all aspects of practical trade union work: bargaining, grievance procedures, steward training, etc. The program also provides unorganized workers interested in trade unionism with an introduction to labour rights. The program further provides courses which will develop an understanding of the economic, social, and political environment in which trade unions operate.

The Workers Education Program runs from September until May and is offered throughout the college region — no prerequisites other than interest is needed for any W.E.P. course.

John Jensen - John has 25 years of active involvement of the trade union movement with theoritical and practical skills in a number of areas of interest to workers.

General Interest Courses

Communications: 8 weeks

A variety of ways of communications will be discussed in this course; T.V., Radio, Newspaper, as well as writing and speaking.

Leadership Training

Designed to give skills and understanding needed for leadership positions within the local Union, public speaking, rules of order, taking minutes, delegate responsibility, elementary bookkeeping, etc.

Worker Education Courses (University Transfer Credit) Sociology of Labour 207-11/2 208-11/2: 8 weeks each

Analysis of how the Canadian working class has organized itself under capitalism in its various stages of development. This course will familiarize you 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.

Tool Courses

These courses, mainly offered on a workshop or seminar basis, will give participants skills needed in areas such as grievance procedures, shop steward training, arbitration, parliamentary procedures, negotiations, etc. In short "tools" required to function in the complex world of Labour relations.

Tool courses can be given to and geared to fit the need of individual groups or Unions.

Vocational and Trades Training

The division of Vocational and Trades Training operates throughout the year and courses are scheduled, as much as possible, to meet employment and seasonal needs. Most courses have more than one entry annually so that enrolment is not limited to the fall.

The programs may be classified as follows:
Pre-indentured Apprenticeship and
Apprenticeship Training
Pre-employment and Upgrading Programs
Mobile Programs
Basic Skills Programs

Admission Requirements

In general, an applicant must:

- a) be 17 years of age or over (certain pre-apprentice programs accept 16-year-olds).
- b) have completed Grade 12 or its equivalent. Some programs will accept students with Grade 10 or equivalent even though Grade 11 or 12 is recommended. (APPLICANTS WITH LESS THAN THE STATED LEVEL FOR A PROGRAM CAN OBTAIN UPGRADING, TO THE REQUIRED LEVEL, AT THE COLLEGE IN THE BASIC TRAINING FOR SKILL DEVELOPMENT PROGRAM. See page 67.)

It must be emphasized that employers are giving preference to applicants with Grade 12 graduation. Students with less than Grade 12 may find themselves handicapped when seeking employment.

For specific requirements for admission to a training program, students are directed to the program descriptions. Adults are encouraged to apply for training even if they are unable to meet the educational requirements outlined in the calendar, as other factors such as work experience and maturity will be considered.

A transcript of the applicant's school record should be attached to the application form. For some courses, a medical examination is also required.

The college expects the students in Vocational programs to maintain at least a 70 percent average throughout the course. Students should be prepared to do considerable home study to maintain this level.

Students who fail to maintain a satisfactory level will be placed on probation and may be subject to termination.

Attendance

Most classes operate from 8:00 to 3:00 p.m. daily. Students are expected to attend regularly and punctually.

Since Vocational and Trades Training programs are preparatory for employment the standards of business and industry generally apply to the training programs. When a student is absent from class he is required to phone his instructor and give justification of his absence. Absenteeism without justification may lead to course termination. In some programs the lost time is required to be made up after the normal completion date at the student's expense.



Application Procedures

Pre-Employment and Upgrading, Mobile and Basic Skills Programs

Prospective students should contact a College office for an application form. Further information on programs and counselling is available at each College Centre.

Pre-Indentured Apprenticeship Programs

Prospective students may visit, telephone or write to the Apprenticeship and Industrial Training Branch, Ministry of Labour, 4211 Kingsway, Burnaby, B.C., V5H 3Y6, Telephone 434-5761; or Apprenticeship and Industrial Training Counsellor, Ministry of Labour, 4548 Lakelse Avenue, Terrace, B.C., Telephone 638-8191, or the College.

Fees

Tuition

Pre-employment programs \$16 per month unless other-

wise stated in the program

section

Pre-Apprenticeship and Apprenticeship program

Tuition fees and a subsistance allowance are paid by sponsoring agencies while students attend school.

\$1.00 per month payable in advance

Student Activity Fee

Textbook and Tool Deposit

\$10.00 refundable

Payment of Fees

Fees are due and payable at the time of registration. If students are unable to pay their fees at registration, they must forfeit their space in the class.

Personal protective equipment as required by the Workers' Compensation Board shall be worn by students and may for some courses be supplied by the student.

Financial Assistance

Students requiring financial assistance should enquire about the B.C. Student Assistance Plan - Canada Student Loans Program at the Student Services office.

It is possible for adults who have been out of the public school system and attached to the labour force for at least one year to receive financial assistance through their Canada Employment Centre for pre-employment, pre-apprenticeship and full-time upgrading courses. Additional information may be secured at the Student Services office of the college.

The Apprenticeship and Industrial Training Branch, Ministry of Labour, provides a subsistence allowance and transportation allowance to applicants selected for preindentured apprentice-ship training. The training provides the basic skills and fundamental theory of a trade. It is expected that graduates of these courses will seek employment in the trades as apprentices and that they will receive suitable credit for their school training, thus reducing the length of their apprenticeship.

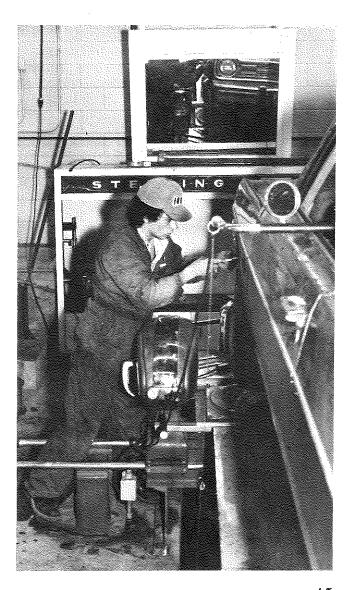
Other sources of financial aid available are detailed in the General Information section of the calendar.

Student Services and Counselling

(See General Information Section).

Dress Standards

In all vocational programs the standards of deportment, safety and cleanliness prescribed by business and industry apply.



Pre-Apprenticeship Program

Pre-indentured apprenticeship programs are designed to prepare students for an apprenticeship program. Programs are generally 5-6 months in duration and are given equivalent credit toward their period of apprenticeship.

Apprenticeship training is required in the approximately 45 trades designated by the Ministry of Labour. A person must be either an apprentice or a journeyman to work in these designated trades.

Northwest Community College offers three preapprenticeship programs:

- 1. Heavy Duty Mechanics,
- 2. Automotive Mechanics, and
- 3. Carpentry and Joinery

All students enrolled in these pre-apprenticeship programs are sponsored: either by the Apprenticeship Branch of the Ministry of Labour or by the Canada Employment and Immigration Commission. Prospective students should contact these offices, or the college for further information.

Automotive Mechanical Repair

Clifford C. Nielsen - Interprovincial Trade Qualification, Alberta Trade Qualification, Instructor's Diploma (UBC)

Automotive mechanical repair is a pre-indentured apprenticeship program in a Designated Trade sponsored by the Apprenticeship and Industrial Training Branch, Ministry of Labour.

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

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

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

Program Content

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

General Information

Sponsorship to the program is available through the B.C. Ministry of Labour or from Canada Employment. For students sponsored under the Apprenticeship plan, tuition is free and a subsistence allowance is paid to the students while they are attending school. Out-of-town students also receive a travel allowance of one return trip from their home.

Starting Dates

January, July

Length of Course

Five months

Requirements for Admission

General

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

Education

Grade 12 preferred. Grade 10 minimum or a suitable level to meet the requirements of this program. Recommended high school course includes: Academic Math, English and Science.

How to Apply

Prospective students may visit, telephone or write to the Apprenticeship and Industrial Training Branch, Ministry of Labour, 4211 Kingsway, Burnaby, B.C., V5H 3Y6, Telephone 434-5761; or Apprenticeship and Industrial Training Counsellor, Ministry of Labour, 4548 Lakelse Avenue, Terrace, B.C., Telephone 638-8191; or the College; or the local Canada Employment Centre.

Books and Supplies

Students are expected to purchase books and supplies during the program. Total cost may be \$50.00



Heavy Duty Mechanics

Wm. Crouch - B.C. Trade Qualification, Interprovincial Trade Qualification. T.W. Kenna - B.C. Trade Qualification, Chief Mechanical Instructor

Heavy Duty Mechanics is a pre-indentured apprenticeship program in a Designated Trade sponsored by the Apprenticeship and Industrial Training Branch, Ministry of Labour.

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

The training covers repair and maintenance of both wheeled and tracked heavy equipment.

Program Content

Shop equipment and practices
Starting and moving machinery
Gasoline and Diesel engines
Electricity
Drive Lines
Hydraulics
Brakes and Systems
Running Gear
Winches, hoists and Cables
Welding and cutting

General Information

Sponsorship to the program is available through the B.C. Ministry of Labour or from Canada Employment. For students sponsored under the Apprenticeship plan, tuition is free and a subsistence allowance is paid to the students while they are attending school. Out-of-town students also receive a travel allowance of one return trip from their home.

Starting Dates

April, October

Length of Course

5½ months

Requirements for Admission

General

Good Health Non-allergic to solvents and lubricants Mechanical aptitude 16 years of age and over

Education

Grade 12 preferred Grade 10 minimum Recommended high school courses include: Academic Math, English and Science.

How to Apply

Prospective students may visit, telephone or write to the Apprenticeship and Industrial Training Branch, Ministry of Labour, 4211 Kingsway, Burnaby, B.C., V5H 3Y6, Telephone 434-5761; or Apprenticeship and Industrial Training Counsellor, Ministry of Labour, 4548 Lakelse Avenue, Terrace, B.C., Telephone 638-8191; or the College; or the local Canada Employment Centre.

Books and Supplies

Students are expected to purchase books and supplies during the program. Total cost may reach \$50.00

Heavy Duty Apprenticeship

Heavy Duty apprenticeship classes are offered as scheduled by the Ministry of Labour covering 2nd, 3rd, and 4th year levels.

Requirements for Admission

For 2nd Year

1st year technical training and one year practical experience or pre-apprentice training and six months practical experience.

For 3rd and 4th Years

Completion of the relevant pre-requisite year.



Carpentry and Joinery

John Peters - BC Trade Qualification, Interprovincial Trade Qualification, Instructor's Dipl. (UBC)

Program Objective

Carpentry and Joinery is a six-month pre-apprenticeship program intended to prepare men and women for employment as apprentices in the Carpentry trade in a four-year apprenticeship program.

The course is highly practical and provides students with a thorough grounding in equipment, materials, correct use of tools and basic construction procedures.

Program Content Care and use of hand tools Care and use of power tools Uses, properties and recognition of wood Properties and use of wood products and by-products Types and uses of fasteners Choice and use of adhesives Theory of safety Applied mathematics Care and use of the builders level Basic building layout Basic footing form construction Basic wall form construction Basic theory of concrete Basic theory of framing Basic floor framing Basic wall framing

Basic gable roof framing
Basic hip roof framing
Construction of soffits
Basics of door hanging
Basics of exterior finishing

Basics of interior finishing Construction of upper cabinets

Construction of lower cabinets

Basic stair construction

Basics of the application of plastic laminates Basic understanding of NBC residential standards Daily practice in setting, adjusting and

operating various machines and hand tools, including maintenance of this equipment

Daily practice in the proper and practical procedures to plan and build projects relating to the construction industry and residential construction.

Upon completion of the four year apprenticeship program, the student must be able to visualize a completed project from blueprints and working drawings, and must be able not only to perform trade skills, but also give direction to all the subtrades persons working under supervision.

Owing to the use of an ever-increasing array of components and prefabricated parts in wood, plastic and metal, apprentices must continually upgrade trade knowledge in order to provide proper direction and supervision on the job site.

Apprentices must know the properties of, and be able to work with wood, plywood, concrete, and various metal, plastic and composite products. They must be skilled in the care and use of tools, and have a sound knowledge of local building codes and safety requirements.

General Information

Sponsorship to the program is available through the B.C. Ministry of Labour or from Canada Employment. For students sponsored under the Apprenticeship plan, tuition is free and a subsistence allowance is paid to the students while they are attending school. Out-of-town students also receive a travel allowance of one return trip from their home.

Date and Location

This program has two enrolment dates. One in the spring and one in the fall. Check with the College for exact dates. The program is only offered at the Terrace campus.

Dress

Appropriate for training and safety (Workers' Compensation Board regulations will apply).

Requirements for Admission

General

Physical fitness, strength and stamina suitable for the demands of the trade, plus good eyesight and the ability to work at heights are required by Employers in this field of work. Job applicants are most successful if they have the ability to produce effectively with a minimum of direct supervision, the capacity to work under all types of conditions, and willingness to adapt to adverse weather conditions.

Education

Preference will be given to Grade 12 Academic, Technical with electives in Construction 11, 12A and 12B plus Trade Math 11 and Drafting 11.

Minimum requirements are Grade 10 or BTSD Level III. Applicants who don't have the minimum requirements can have their educational background assessed by the college.

How to Apply

Prospective students may visit, telephone or write to the Apprenticeship and Industrial Training Branch, Ministry of Labour, 4211 Kingsway, Burnaby, B.C., V5H 3Y6, Telephone 434-5761; or Apprenticeship and Industrial Training Counsellor, Ministry of Labour, 4548 Lakelse Avenue, Terrace, B.C., Telephone 638-8191; or the College or the local Canada Employment Centre.

Books and Supplies

Students are expected to purchase their own books and supplies. Textbooks costing approximately \$50.00 are to be purchased during the first week of classes.

Other Information

Voluntary tradesmen's certification is available. Canadian Interprovincial Standards Certification is available. A certificate of Apprenticeship is issued upon successful completion of the four year apprenticeship program.

Pre-Employment Programs

Pre-employment training programs are offered for occupations for which apprenticeship training is voluntary or non-existent. Programs vary in length from five to 12 months.

Northwest Community College currently offers these pre-employment programs:

- 1. Business Education
- 2. Industrial Records and First Aid
- 3. Cook training, and upgrading
- 4. Electronics Technician and upgrading
- 5. General Mechanics
- 6. General Welding and upgrading
- 7. Marine Engine Repair and
- 8. Fisheries and Marine Training.

Most students enrolled in these programs pay their own tuition fees of \$15.00 per month. Some others receive sponsorships from a federal or provincial government agency. Prospective students should contact the nearest college office for further information.

Business Education Programs

Grant Bennest, B. Com. (UBC)

Ronald Harris, Instructor's Certificate (WCB)

Barbara Hobbs, Sec. Sc. Dipl., Instructor's Diploma (UBC)

Richard Kilborn, Instructor's Diploma (UBC), C.P.M.P. Mgr., Chief Instructor

Rosemary Nieman, Instructor's Diploma (UBC)

Terrie McCreary, Dipl. in Tech. (NAIT)

Program Objective

To train students to a level of proficiency that will make them desirable employees in the business office employment field. A most important objective is to assist students to realize the importance of developing appropriate attitudes towards the employment for which they are training in order that they may enjoy success and satisfaction in their future jobs.

Programs Available

Pre-employment

Clerk-typist
 Clerk-Bookkeeper
 Secretarial
 Bookkeeping and

 Accounting

 4 to 6 months
 months
 months
 months

Advanced Options

5. Accounting
6. Secretarial
7. Medical Stenography
8. Legal Stenography
5 months
5 months
Up to 6 months
Up to 6 months



Program Outlines - Pre-employment

1. Clerk - typist

Typing (50 wpm net)
Vocabulary Studies
Grammar
Business Communications
Office Procedures
Filing and Records Management
Duplicating
Introduction to Data Processing
Business Machines
Business Mathematics
Dictatyping

3. Secretarial

Typing (55 wpm net and over)
Shorthand (Speeds to 120 wpm and over)
Business Machines
Business Mathematics
Office Procedure
Filing and Records Management
Duplicating
Dictatyping
Accounting I & II
Introduction to Data Processing
Vocabulary Studies
Grammar
Business Communication

2. Clerk - Bookkeeper

Typing (30 wpm net & over)
Accounting I & II
Business Machines
Business Mathematics
Office Procedures
Filing and Records Management
Duplicating
Introduction to Data Processing
Vocabulary Studies
Grammar
Business Communication
Dictatyping

4. Bookkeeping & Accounting

Typing (30 wpm net and over)
Accounting I, II, III, IV
Business Machines
Business Mathematics
Office Procedures
Filing and Records Management
Introduction to Data Processing
Vocabulary Studies
Grammar
Business Communication
Economics
Commercial Law

Program Outlines - Advanced options

5. Accounting

Statistical typing Accounting

Economics

Commercial Law

Business Math

7. Medical Stenography

Medical Terminology

Anatomy

Introductory Accounting

Medical Transcription

Medical Office Procedures

Business Machines

Typing

Dictatyping

Requirements for Admission to Pre-employment Programs

Grade 12 graduation is preferred for all courses. Minimum of Grade 10 or the equivalent is acceptable for clerk typist and clerk bookkeeper programs. Business experience may be accepted in lieu of formal schooling in some cases. Recommended Secondary School prerequisites include Math 11, English 12 and Commercial Courses.

Requirements for Admission to Advanced Options

Normally students will be required to have obtained a Northwest Community College Business Certificate in a relevant area as a pre-requisite for entry into an advanced option program. A combination of training and-or experience may be acceptable. Please contact the College to have your past experience evaluated.

Starting Dates

All programs operate on a 12 month basis, students may begin in September, November, January, March, May or July.

How to Apply

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

Tuition Student Assoc. Fee Book or Tool Deposit

\$16.00 per month \$ 1.00 per month \$10.00 (refundable)

Textbooks and supplies \$40.00 6. Secretarial

Advanced typing Introductory Accounting Shorthand Office Practices

8. Legal Stenography Legal Terminology

Business English

Business Machines

Introductory Accounting Legal Office Procedures

Legal Filing

Typing

Dictatyping



Fees due on registration

Tuition Book Deposit

\$10.00 (refundable) Student Assoc. Fee \$ 5.00 (for first five months)

\$16.00 (for first month)

Financial Aid

See general information section of this calendar.

Business Education Upgrading

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

Industrial Records and First Aid

Business Education Instructors

Course Objective

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

Employment

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

Program Content

Accident Prevention OR
Accounting I and II
Payroll and Timekeeping
Business Machines
Business Mathematics
Vocabulary Studies
Business Communications
Filing and Records Management
Warehousing
Typing
Industrial First Aid

Starting Dates

September and February

Length of Program

Five months

Requirements for Admission

Education

Minimum Grade 10, BTSD level III or equivalent; Grade 12 preferred.

General

This is one of the most demanding courses offered in B.C. and trainees should have some industrial experience and definite clerical aptitude.

Careful screening is required to ensure enrolment of those who are mature and well motivated.

Medical

All trainees must fully meet Workers' Compensation Board medical requirements. The medical form MUST BE completed by the trainee's physician, at his / her own expense, and presented to the College at the time of registration. This form is available from the College, the nearest WCB office, or from the WCB at 10551 Shellbridge Way, Richmond, B.C. (Phone: 273-3878).

Those who hold valid or recently expired B.C. Industrial First Aid tickets will not have to undergo the medical examination unless there has been a deterioration in health since the last medical.

Although this course is designed to lead to initial Industrial First Aid certification, there is no objection to trainees who already hold certificates, however the student will have to take the full training and the course content can not be modified.

Age

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

Examinations

The Worker's Compensation Board administers the Industrial First Aid examination which can be taken by persons who are 19 years of age and over. The \$16 examination fee is the responsibility of the trainee, and is paid at the time of the examination.

How to Apply

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

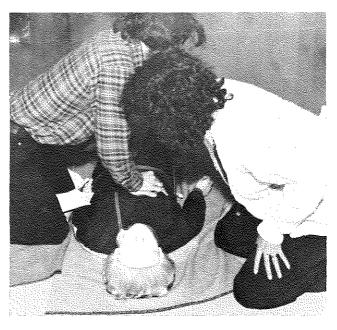
Fees

Tuition	\$16.00 per month
Student Assoc. Fee	\$ 1.00 per month
Book or Tool Deposit	\$10.00 (refundable
Textbooks and Supplies	

Fees due on registration

Total:	\$31.00
Student Assoc. Fee	\$ 5.00 (for first five months)
Book Deposit	\$10.00 (refundable)
luition	\$16.00 (for first month)

Financial Aid



Cook Training

J.C. Johnson - Instructor's Diploma (UBC) C.C.D.C.

B.D. Parkes - Instructor's Diploma (UBC) C.C.D.C.

Course objective

The objective of Cook Training is to prepare students in all the basic skills necessary to gain employment in the Hospitality industry. To students who have an interest in working with the general public and a desire for permanent gainful employment, the Cook Training program can lead them to a greatly enriched life style. Employment opportunities are plentiful for graduates of this program.

Program Outline

All phases of basic cooking, including the preparation and serving of Soups, Salads, Sandwiches; Meat Cookery; Vegetable preparation; Baking Bread, Rolls and Desserts. Basic Management procedures are also taught, i.e., Menu Planning, Making and Costing, Inventory Control, Use of leftovers and Employee Relations.

Starting Dates

Students may start in January, April, July and September.

Length of Program

12 months

Requirements for Admission

Completion of Grade 10 minimum is required. However, Grade 12 standing could be very advantageous towards future promotions. Must have good health and a willingness to work. A recent chest x-ray is compulsory. Work experience will be considered at all times.

How to Apply

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

Fees

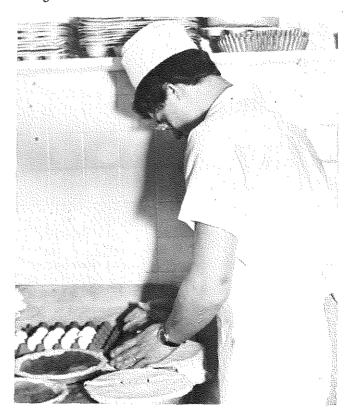
Tuition \$16.00 per month
Student Assoc. Fee \$1.00 per month
Book or Tool Deposit
Textbooks and Supplies \$20.00

Fees due on registration

Tuition \$16.00 (for first month)
Book Deposit \$10.00 (refundable)
Student Assoc. Fee \$5.00 (for first five months)
Total: \$31.00

Financial Aid

See general information section of this calendar.



Cook Upgrading Programs

Upgrading in any phase of Cookery as desired or needed can be arranged. Contact the Student Services Office in Terrace for further information.

Cake Decorating and Meat Cutting

These courses run as evening classes throughout the fall and winter months.

Electronics Technician

Al Naherny - Instructor's Dipl. (UBC), C.E.T.

Frank Woodward - Instructor's Dipl. (UBC), C.E.T., M.I.P.R.E.

Purpose

The purpose of this program is to provide students, who have a desire for, and are motivated towards learning a challenging and rewarding career in Electronics.

The successful student will have an opportunity to gain employment in one of the following areas of the Electronics field:

Electronic Communications
Black and White and Colour TV Servicing
Radio, Audio Electronics
Industrial Electronics
Digital Electronics
Microcomputers / Microprocessors
Video Tape Servicing

Method

The method adopted for this full-time ten-month program consists of a natural progression towards technical knowledge and applied skills. The student is taught the Basics of Electrical and Electronics Theory in the first 22 weeks of the course, which is designed to provide the student with confidence to handle laboratory experiments in:

DC Theory
AC Theory
Tube Theory
Transistor and Semiconductor Theory
Electronic Circuit Fundamentals
Digital Electronic Techniques
and also by providing lectures and practical "Hands On"
jobs.

Following successful completion of the Basic Electronics course, (for those students who have maintained a minimum average of 70 percent on all tests) the student has the opportunity to select a specific course option from one of the following:

Stereo, Colour TV, Video Systems Servicing Techniques Telecommunications, Systems Maintenance Microprocessors Industrial Control & Instrumentation

Over the next 20 weeks, the student will receive specialized training in the area of his/her choice.

Concept

Over the last two decades, following the development of the digital computer, there has been a rapid growth in the Electronics industry. As a result of this growth, many new applications of digital circuits have been designed for communications, colour TV circuits, remote systems, data processing and many other electronic systems. (All options include further training in "Digital Techniques"). These developments have created a need for specialized technicians, who have not only a flair for Electronics Service Work, but who also have a sound knowledge of fundamentals in order to keep pace with new developments.

This course was designed to fill this need and is geared towards those students who have no prior knowledge of Electronics. This course is also intended for those Technicians, who have some knowledge and / or experience

in Electronics, but desire further training within a specific area.

The Philosophy behind the optional portion of the course emphasizes, for the student, the development of knowledge, technical initiative, imagination and the ability to communicate the results of his / her work to others. To this end, the optional portion of the course is conducted on a tutorial system. The number of lectures are kept to a minimum and the student is given freedom to develop his practical ability through his own efforts and / or through the efforts of the instructional staff.

Starting Dates

Starting dates for the course are January and September.

Length of Program

10 months

Requirements for Admission

Grade 12 (Grade 11 graduates will be considered by the Instructor) including Math 12, Physics and English.

Students must be well motivated, have a keen analytical mind, problem solving ability, and the patience to give individual attention to detail.

How to apply

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

Fees

Tuition \$16.00 per month
Student Assoc. Fee \$1.00 per month
Book or tool Deposit Textbooks and Supplies \$50.00

Fees due on registration

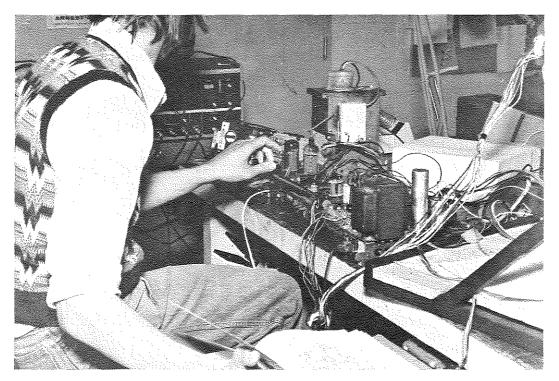
Tuition \$16.00 (for first month)
Tool Deposit \$10.00 (refundable)
Student Assoc. Fee \$5.00 (for first five months)
Total: \$31.00

Financial Aid

BLOCK DIAGRAM OF TEN MONTH ELECTRONIC COURSE

Starting Dates: January / September Name of Option **Option Courses** Time Allocated: 22 Weeks Time Allocated: 20 Weeks Stereo, Colour TV and Stereo Theory Digital Remote Systems Video System B/W TV Theory OPTION 1 Colour TV Theory Servicing Techniques Test Equipment Procedures Video Tape Systems Closed Circuit Systems ELX 1 Material Covered HF VHF Antennas Transmission Telecommunication System DC AC Theory Lines, HF UHM, AM, SSB, FM Maintenance Tube Theory VHF FM Mobil Radio Semiconductor Theory OPTION 2 FM, PM Modulators, De-Modulators Electronic Circuit Fundamentals VHF, UHF and Microwave Systems Digital Electronic Techniques Telephone Telegraph Audio, Radio System Servicing Satellite Communications Microprocessors Microprocessors Industrial Control and Microcomputers Interfacing Techniques Instrumentation OPTION 3 Test Equipment Servicing Industrial Control Transducers Servo Control Systems

(Note: Planned for September 1979)



Electronics Upgrading

Upgrading in specific areas of electronics is available to suitable applicants. Those interested should contact the student services office of the Terrace campus to arrange for an assessment of their background and for further information on when specific components are available.

General Mechanics

Edward Middleton - B.C. Trade Qualification

This is a ten-month pre-employment program intended to prepare the student for employment in the mechanical field. On successful completion of this course, the student will have gained a basic knowledge of all phases of mechanics with training equal to pre-apprentice Heavy Duty Mechanics, Automotive Mechanics and pre-employment Marine Engine Mechanics

General Program Outline

Shop equipment and practices

Engines: gasoline, 2 and 4 cycle, and diesel

Carburetor fuel systems Diesel fuel systems

Electricity

Hydraulics

Brakes

Clutches

Standard transmission

Fluid couplings and torque converters

Power shift and automatic transmission

Drive lines

Drive Axles

Frames, suspensions, running gear and attachments

Independent suspension

Operation of equipment

Recordkeeping for mechanics

Oxy-Acetylene and electric arc welding

Starting Date

September

Length of Program

10 months

Requirements for Admission

Applicants should be 17 years with a minimum of Grade 10 education. However, it would be to the applicant's advantage to have completed Grade 12.

Good health, eye sight and coordination, non-allergic to solvents and lubricants and mechanical aptitude are necessary for enrolment in this course.

How to apply

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

Fees

Tuition	\$16.00 per month
Student Assoc. Fee	\$ 1.00 per month
Book or Tool Deposit	\$10.00 (refundable)
Textbooks and Supplies	\$40.00

Fees due on registration

Tuition \$16.00 (for first month)
Tool Deposit \$10.00 (refundable)

Student Assoc. Fee \$ 5.00 (for first five months)

Total \$31.00

Financial Aid

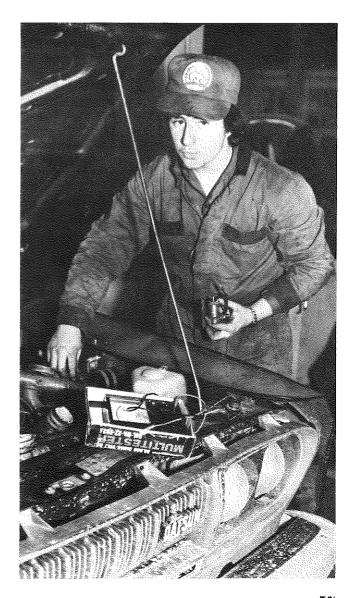
See general information section of this calendar

General Information

Dress and shop procedures for this course are in accordance with WCB regulations. Coveralls are supplied and must be worn in shop areas. Good leather boots are required, preferably with safety toes. Confinement of hair is required for hair over 1" from scalp and touching collar.

Additional Information

This course has been recognized by the Federal Government as being equal to sea time for credit towards an Engineers ticket.



General Welding

Emil Marchand - DPW Certificates 1, 2, 3, 4, 5, PIF6, P8F5, Instructor's Dipl. (UBC), Chief Instructor, Non-Mechanical Trades

Ronald Lowrie - DPW Certificates 1, 2, 3, 4, BC Pipeline Ticket, Alberta Pipeline Ticket, Alberta, Proficiency Welder First Class

Peter Haigh - DPW Certificates 1, 2, 3, 4, 5, P8F5, P8F7, P8F6

Clive Kent, DPW Certificates 1, 2, 3, 4, 5, P8F7, P8F5, BC Trade Qualification, Red Ticket

General Information

Welding is an industrial art in a highly competitive field. It requires constant physical coordination of arms, hands, eye and brain and the welder develops manipulative skills through manual training. A graduate of this program will have gained sufficient practical experience and related theory to take a welding test under the ASME Sec. IX, CSAW-47, or AWS Codes. These are recognized standards of qualification acceptable to industry.

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

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

Program Content

Basic metallurgy
Heat treatment
Blueprint reading
Plate and pipe layout
Applied mathematics
Principles of safety education
Various welding procedures are applied
to different types of metal.

Starting Date

September, February

Length of Course

10 months

Requirements for Admission

You must have a minimum of Grade 10, although it would be to your advantage, not only on the course but also in securing employment, to have completed Grade 12 on an industrial program.

If you don't have the minimum educational requirements, but have some work experience in the trade, you can have your experience assessed by the College to determine if the stated educational minimum can be waived.

You must be 18 years of age or over, free from defects in vision, hearing, or breathing, and physically suited to the trade. A health certificate and proof of a recent chest x-ray may be required. Contact lenses cannot be worn.

How to apply

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

Fees

Tuition \$16.00 per month
Student Assoc. Fee \$1.00 per month
Book or Tool Deposit Textbooks and Supplies \$70.00

Fees due on registration
Tuition \$16.00 (for first month)
Tool Deposit \$10.00 (refundable)
\$5.00 (for first five months)

\$31.00

Financial Aid

See general information section of this calendar

Dress

Total:

The student must supply gloves, goggles (no. 5 or 6 lens), safety glasses, welding helmet (no.10 or 11 lens), 12 ft. measuring tape (metric and imperial).

Welding Upgrading

Welding upgrading is limited to people presently or recently employed in welding jobs who wish to improve their techniques or become proficient in special processes.

If you want Provincial government certification, you are required to apply to the Welding Inspector, Ministry of Public Works, for assessment of your credentials. The Inspector may stipulate a certain length of time for instruction before the test. The testing appointment will be arranged by the welding instructor of the College.

The primary purpose of this program is to prepare you for certification in the following categories: DPW Certificates numbers 3, 2, 1 and 4 and 5. Copies of operator qualification information sheets for DPW certification are available from the welding instructor.

Special courses may be arranged for:

Tunsten Inert Gas (TIG) Semi-automatic Gas Metal Arc

Fees

D.P.W. Tests No. 1, 2, 3

Materials for test	\$18.00
Test Fee	3.00
Tuition	
(a) Day	3.00
(b) Week	12.00
(c) Months	40.00
D.P.W. Test No. 4	
Material for test	\$10.00
Test Fee	3.00
Tuition	as in D.P.W. 1, 2, & 3
D.P.W. Test No. 5	
Material for test	\$18.00
Test Fee	3.00
Tuition per day	7.00
Tests P1F6 Tig (Pulp Mills only	r) - as in D.P.W. Test 5
Tests P8F7 Tig (Pulp Mills only	r) - as in D.P.W. Test 5
Tests P8F5 M.M.A. (Pulp Mill	ls only) - as in D.P.W. Test 5
Red-Downhill - as in D.P.W.	Test 1



Marine Engine Repair and Maintenance

Bruce Mackee - B.C. Trade Qualification Al Kenny - B.C. Trade Qualification

This course is designed to provide the student with the basic mechanical knowledge and techniques required to repair and maintain Marine Diesel and Gas Engines. On successful completion of this course, the student will be equipped to seek employment in the Marine Service Trade.

Course Content

General shop practice and safety
Gas and diesel engines
Lubrication
Fuel Systems
Service procedures
Carburetion
Engine electrical systems
Clutches
Transmissions
Outboard motors

Starting Date

September

Length of Course

10 months

Requirements for Admission

Education

Grade 12 preferred Grade 10 minimum

Recommended high school courses include: Academic Math, English and Science.

General

Good health

Non-allergic to solvents and lubricants

Mechanical Aptitude

How to Apply

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

Fees

Tuition \$16.00 per month
Student Assoc. Fee \$1.00 per month
Book or Tool Deposit
Textbooks and Supplies \$40.00

Fees due on registration

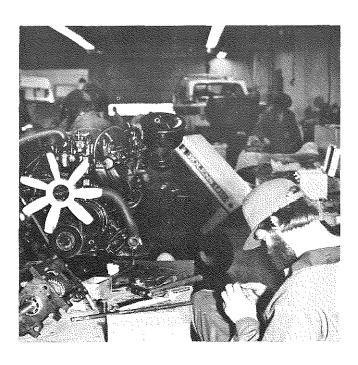
Tuition \$16.00 (for first month)
Tool Deposit \$10.00 (refundable)
Student Assoc. fee \$5.00 (for first five months)
Total: \$31.00

Financial Aid

See general information section of this calendar

General Information

Dress and shop procedures for this course are in accordance with WCB regulations. Coveralls are supplied and must be worn in shop areas. Good leather boots are required, preferably with safety toes. Confinement of hair is required for hair over 1" from scalp and touching collar.



Fisheries and Marine Training

Fisheries and Marine Skills Prep Course

An introductory course designed to equip the student with the knowledge necessary in the safe working and navigating practices of the marine industry.

It is also designated to provide fishermen and other marine personnel a thorough working knowledge of marine skills and is ideal for small boat owners and operators and can lead to the M.O.T. certificate.

Both practical and theoretical situations will be utilized, giving the student a sound basic knowledge in:

Nautical Mathematics General Seamanship Ship Construction and Stability Cargo Work Navigation Instruments Rules of the Road

Watchkeeping Mate Certificate

Students are required to successfully write Ministry of Transport exams in:

021 - Navigating Instruments

041 - Chartwork and Pilotage

151 - General Ship Knowledge

061 - Navigating Safety

161 - General Seamanship

Applicates must also have 18 months qualifying sea service before writing 021, 041 and 151, and must have 24 months sea time before writing 061 and 161.

Fishing Watchkeeping Mate Certificate

Designed for those who may not have the required sea time to sit the Watchkeeping Mate Exam, applicants must have 6 months qualifying sea service, and must successfully pass Ministry of Transport exams in:

021F - Navigating Instruments

041F - Chartwork and Pilotage

161F - General Seamanship

Starting Date

October

Location

Prince Rupert Campus

Length of Program

3 months

How to Apply

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

Fees

Tuition	\$16.00 per month
Student Assoc. Fee	\$ 1.00 per month
Book or Tool Deposit	\$10.00 (refundable)
Textbooks and Supplies	\$40.00
a transfer	

Fees due on registration

ees due off registration	
Tuition	\$16.00 (for first month)
Book Deposit	\$10.00 (refundable)
Student Assoc. Fee	\$ 3.00
Total:	\$29.00

Financial Aid

Mobile Training Programs

Northwest Community College is committed to the concept of making educational opportunities available to people where they live. The Vocational Division currently offers a number of its programs at various locations in the College region. These mobile programs are now available:

- 1) Mobile Business Education Program
- 2) Mobile Air Brakes
- 3) Mobile Welding

Mobile Business Education

General Information

The College has developed a Business Office training course to train students for employment in entry level office positions.

This program is beneficial for those students who are unable to attend regular business classes at the Terrace campus.

Program Content - Clerk Bookkeeper

Typing (30 wpm net and over)

Accounting I & II

Business Machines
Business Mathematics

Office Procedures

Filing and Records Management

Duplicating

Introduction to Data Processing

Vocabulary Studies

Grammar

Business Communication

Dictatyping

Starting Date

Fall

Length of Program

6 months

Requirements for Admission

Grade 10 minimum or with the permission of the instructor.

How to apply

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

Fees

Tuition \$16.00 per month Student Assoc. Fee \$1.00 per month \$10.00 (refundable)

Textbooks and Supplies \$30.00

Fees due on registration

Tuition \$16.00 (for first month)
Book Deposit \$10.00 (refundable)

Student Assoc. Fee \$ 5.00 (for first five months)

Total: \$31.00

Financial Aid

See general information section of this calendar.

Mobile Air Brakes

General Information

This course prepares drivers for a written and practical test on the operation and maintenance of air brake systems for the type of vehicle they are licences to operate.

Participants will be given proof of course attendance and practical examinations by the Instructor in order to take the written test at the Motor Vehicle Branch within 30 days from the completion of the course.

Requirements for Admission

Students must be 18 years of age (19 years for Off Highway) and a holder of a valid B.C. Driver's Licence.

Those students who require an industrial air ticket must have a letter of proof from their Employer stating they have operated off highway equipment and must also be prepared to submit to a medical examination.

How to Apply

Contact your local campus for dates and times. There are 20 courses offered per year in the college region.

Fees

\$32 plus \$5 those taking the Off-Highway exam.

Mobile Welding

Peter Haigh - DPW Certificates 1, 2, 3, 4, P8F5, P8F7, P856 Clive Kent, DPW Certificates 1, 2, 3, 4, 5, P8F7, P8F5 BC Trade Qualification, Red Ticket

General Information

The Mobile Welding unit was developed to assist in training people whose occupation requires some form of welding, e.g., Millwrights, Mechanics, Farmers, Fishermen, Equipment Operators, and Owner-Operators.

The Unit is self-contained and is equipped with 12 arc welding machines and 12 oxy-acetylene stations.

This course provides 120 hours of training, which includes 20 hours of lectures and 100 hours of practical experience.

Course Outline

Safety
Oxy-Acetylene Welding Equipment
Processes and Application of Flame Cutting
Arc Welding Equipment Processes and Application
Oxy-Acetylene Welding Operation
Electric Welding Operation

Transfer and Placement

Students who complete the program may be admitted to the Welding Upgrading Program at the main campus and have their training time credited towards a DPW 3 certificate.

Requirements for Admission

A minimum of Grade 10 or previous work experience in the trade. You must be 18 years of age or over, free from defects in vision, hearing, or breathing, and physically suited to the trade. A health certificate and proof of a recent chest x-ray may be required. Contact lenses cannot be worn.

How to Apply

Contact your local campus for dates and times. There are ten courses offered per year in the college region.

Fees

\$40



Basic Skills

Northwest Community College offers a number of programs under the general title of Basic Skills. These programs are designed to provide students with basic vocational upgrading or basic decision making skills for life and career choice. Currently we are offering the following programs in a number of locations.

- 1) Basic Training for Skills Development
- 2) Career Orientation
- 3) Basic Employment Skills Training
- 4) Employment Orientation for Women

Dates and location for these programs were not yet finalized when this calendar was printed, so check with your local College office for the date and time of the next program in your area.

Basic Training for Skills Development

Ian Stanley

Robert Sullivan - Permanent B.C. Teacher's Certificate, Chief Instructor

Wilfe Tripe De Roche

Mike Willcox - Permanent B.C. Teacher's Certificate

Kae Williams - Instructor's Diploma (UBC)

General Information

Would you like to improve your math, English or science? Would you like a specialized course in reading, spelling or report writing? Would you like to acquire Grade 8, 10, or 12 equivalency in order to gain entrance to trade or vocational training? If your answer is yes to any of the above questions, then this is the course for you. Each student begins at his own level and works at his own speed. The instructor will design a program with each student to suit his individual needs. College certificates are awarded for successful completion of Level 2 (grade 8), Level 3 (grade 10) and Level 4 (grade 12).

Requirements for Admission

Eduction

No educational pre-requisites.

General

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

How to Apply

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

Starting Dates

Daily as space permits

Length of Program

Varies to suit individual needs.

Fees

Tuition \$16,00 per month
Student Assoc. Fee \$1.00 per month
Book or Tool Deposit
Textbooks and Supplies \$10,00 (refundable)

Fees due on registration

Tuition \$16.00 (for first month)
Deposit \$10.00 (refundable)
Student Assoc. Fee \$5.00 (for first five months)
Total: \$31.00

Financial Aid

See general information section of this calendar.

Note

This program is available in a NUMBER OF COM-MUNITIES IN THE College region. Contact the College office nearest you for dates and times.

Career Exploration

Ian Stanley

General Information

This program has been developed to assist persons in identifying occupational goals. As well as making use of its various shops and vocational training facilities, the college has obtained the assistance of many business operations in the area to assist in these counselling functions and provide work experience for students.

Extensive coverage of career related information enables the students to evaluate the necessary information and test results prior to selecting a career goal and / or course of studies.

Emphasis is placed on career planning, work experience, the types of education and training available, exploring oneself in relation to an occupation and the many other topics necessary to make good valid decisions.

The course is an integral part of B.T.S.D. and B.J.R.T. programs, both on and off campus, and is also open to any person wishing to seriously explore career planning and job preparation.

Requirements for Admission

Education

No educational pre-requisites

General

Applicants must be capable of concentrated, independent study.

How to Apply

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

Starting dates

Variable throughout the year

Length of Program

Four to six weeks

Note: A condensed program is made available in the BTSD, BEST, and EOW programs offered throughout the College Region.

Fees

Tuition \$16.00 per month
Student Assoc. Fee \$1.00 per month
Book or Tool Deposit
Textbooks and Supplies \$10.00 (refundable)

Fees due on registration

Tuition \$16.00 (for first month)

Deposit \$10.00 (refundable)

Student Assoc. fee \$5.00 (for first five months)

Total \$31.00

Financial Aid

Basic Employment Skills Training

General Information

A two month program to prepare people to directly enter the labour market or to enter further upgrading or skill training courses. Content will include some basic upgrading in Math and English, communication and listening skills, problemsolving skills, work experience, career orientation, and job search techniques. Participants will receive counselling towards attaining their goals.

Requirements for Admission

Education

No educational pre-requisites

General

Applicants must be capable of concentrated, independent study.

How to Apply

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

Starting dates

Variable throughout the year

Length of Program

10 weeks

Location

This program is available in many of the college Centres. Contact the nearest College Centre for dates in your area.

Fees

Tuition	\$16.00 per month
Student Assoc. Fee	\$ 1.00 per month
Book or Tool Deposit	\$10.00 (refundable)
Textbooks and Supplies	

Fees due on registration

Tuition	\$16.00 (for first month)
Deposit	\$10.00 (refundable)
Student Assoc. fee	\$ 5.00 (for first five months)
Total	\$31.00

Financial Aid

Employment Orientation For Women

General Information

Are you thinking of returning to the labour market but uncertain of your skills? EOW offers women who have been homemakers and would like to enter the labour force a chance to assess their skills, brush up on the old skills and determine what training they need and how to get it. The course is designed to build confidence, and assist women in choosing and preparing for a career.

Requirements for Admission

Education

No educational pre-requisites.

General

Applicants must be capable of concentrated, independent study.

How to Apply

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Financial Aid

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Northwest Community College

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Nishga

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