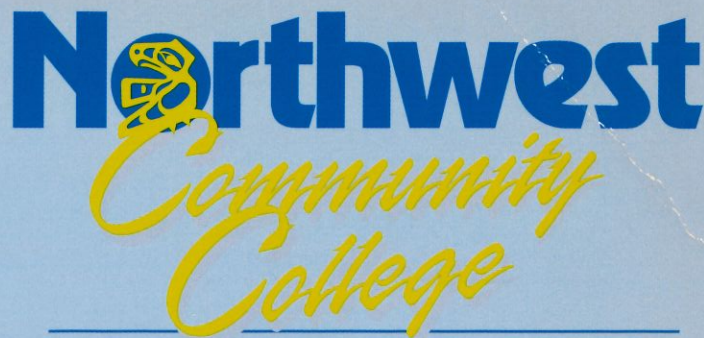


CALENDAR

of Programs 1997-98



"YOUR COLLEGE IN YOUR COMMUNITY"

Business *"Many of our courses are*

Arts & Science *integrated*

Technology *across programs*

Career/College Prep *and allow our*

Trades *students to earn*

Social Services *credit toward a*

variety of

credentials."

Program Calendars are available to the public from Reception at all our College campuses.
(Addresses are listed on the back cover.)

To request a copy by mail (Canada only)
Direct your requests, include prepayment of our fee of \$5.00 / copy
(payable to Northwest Community College) to:

NORTHWEST COMMUNITY COLLEGE
College Services Calendar Department
5331 McConnell Avenue
Terrace, B.C. V8G 4X2

Notice of Waiver

As this calendar is published well in advance of the session commencement the College reserves the right to make any changes deemed necessary, such as the cancellation or adjustment of programs and courses, changes in fee structure and other regulations or services. The College makes every effort at the time of printing to ensure accuracy but in the interests of the communities we serve, the College reserves the right to revise the statements and offerings made in this calendar as dictated by events. The statements in this calendar are not to be regarded as an irrevocable contract between the student and the College.

Northwest Community College
See reverse for campus addresses



APPLICATION for ADMISSION
Answer all questions.
Incomplete form delays processing.

A \$25.00 non-refundable application fee must accompany this form.
****EXCEPTION**** Fee is waived for students returning within 12 months of their last NWCC enrollment.

PERSONAL INFORMATION (Please Print Clearly)

If previously registered in a credit course or program at NWCC enter your NWCC Student Number

--

LAST NAME:		FULL LEGAL FIRST NAME:		MIDDLE NAME OR INITIAL:	
List other surname name(s) you may have used when taking courses at NWCC:				**** NOTE **** All correspondence is sent to <u>Permanent</u> Address	
PERMANENT MAILING ADDRESS			LOCAL ADDRESS (while attending NWCC, if known)		
Apartment Number, Street, Box			Apartment Number, Street, Box		
City	Province	Postal Code	City	Province	Postal Code
Home Telephone # ()	Bus./Message Telephone # ()	Local Telephone # ()			
DATE OF BIRTH: Year / Month / Day	Social Insurance Number / /		IN CASE OF EMERGENCY CONTACT: Name: _____		
Canadian Citizen <input type="checkbox"/>	Immigration papers must be attached if applicant is not a citizen.		Telephone ()		
Landed Immigrant <input type="checkbox"/>			OPTIONAL STATISTICAL INFORMATION:		
Other <input type="checkbox"/>			Are you of First Nations Ancestry? YES <input type="checkbox"/> NO <input type="checkbox"/>		
GENDER: Female <input type="checkbox"/> Male <input type="checkbox"/>					
B.C. Provincial Examination I.D. Number:					

PROGRAM INFORMATION

Applicants are strongly encouraged to discuss their educational plans with an Educational Advisor before completing this section.
Some programs require specific documentation in addition to this application.

Check the admission requirements for the program in the College calendar.

PROCESSING OF YOUR APPLICATION WILL BE DELAYED UNTIL ALL REQUIRED DOCUMENTATION IS RECEIVED.

Program for which you are applying:	Do not complete this section if you are applying for Adult Special Education, Career & College Prep, Cook Training or Trades programs.	
Campus to which you are applying:	ALL OTHER PROGRAMS:	
Date (month/year) you would like to start:	List the first semester, trimester or term courses you would like to take. You will be considered only for the courses you list.	
I WOULD PREFER TO STUDY:		
<input type="checkbox"/> Full Time	<input type="checkbox"/> Daytime	
<input type="checkbox"/> Part Time	<input type="checkbox"/> Evenings	
	<input type="checkbox"/> By Distance (at home)	

➡➡➡➡➡➡➡➡➡➡ Complete Educational and Statistical Information on the back of this form. ➡➡➡➡➡➡➡➡➡➡

OFFICE USE ONLY

Educational and Statistical Information

SPECIFY YOUR MAIN ACTIVITY DURING THE PAST YEAR. <input type="checkbox"/> Attending high school <input type="checkbox"/> Attending college or institute <input type="checkbox"/> Attending university <input type="checkbox"/> Other education not listed above <input type="checkbox"/> In labour force, or looking for work <input type="checkbox"/> None of the above	CHECK THE LAST GRADE YOU FINISHED OR ARE PRESENTLY COMPLETING. <input type="checkbox"/> Less than 10 Career & College Prep: <input type="checkbox"/> Grade 10 <input type="checkbox"/> Fundamental <input type="checkbox"/> Grade 11 <input type="checkbox"/> Developmental <input type="checkbox"/> Grade 12 <input type="checkbox"/> Advanced <input type="checkbox"/> GED <input type="checkbox"/> Provincial
WHERE WERE YOU LIVING MOST OF THE TIME? <input type="checkbox"/> In B.C. <input type="checkbox"/> In another Province <input type="checkbox"/> In another Country	LOCATION OF LAST INSTITUTION ATTENDED. (High School or Post-Secondary) 1. <input type="checkbox"/> British Columbia 2. <input type="checkbox"/> Another Province 3. <input type="checkbox"/> Another Country
LAST HIGH SCHOOL ATTENDED. CITY and PROVINCE.	TYPE OF INSTITUTION LAST ATTENDED. 1. <input type="checkbox"/> Secondary School 2. <input type="checkbox"/> University 3. <input type="checkbox"/> College/Technical School
LAST DATE ATTENDED HIGH SCHOOL Year Month	DID YOU GRADUATE FROM HIGH SCHOOL? Yes <input type="checkbox"/> No <input type="checkbox"/>

Previous Post-Secondary
 If you have previously taken courses at another post-secondary institution that directly relate to this application, please complete the following. (You may be required to submit official transcripts.)

NAME OF INSTITUTION	LOCATION	PROGRAM	Last Date Attended	
			Year	Month

GENERAL INFORMATION
 Contact your local college centre for information about Services for Students with Disabilities, Housing, or Child Care.

DECLARATION
 The information contained in this application is, to the best of my knowledge, complete and correct.
 I agree to follow the rules and regulations of the College as listed in the Northwest Community College calendar or as amended by the College Board.
 I understand that both the information provided and any other information placed on my student record will be protected and used in compliance with Bill 50 Freedom of Information and Protection of Privacy Act (1992) and the operations of the College. Information collected and maintained as part of my student records is collected under the authority of the Colleges and Institutes Act.

SIGNED: _____ DATE: _____

- | | | | | |
|--|---|--|---|---|
| ALTON
606 Mineca Street
Box 338
Alton, B.C. V0J 1Y0
Phone: (250) 842-5291
Fax: (250) 842-5813 | KITIMAT
606 Mountainview Sq.
Kitimat, B.C. V8C 2N2
Phone: (250) 632-4766
Fax: (250) 632-5069 | NASS VALLEY
c/o Wilp Wilxo'oskwhi Nisga'a
St. Peters Hall, P.O. Box 219
New Aiyansh, B.C. V0J 1A0
Phone: (250) 633-2292/2293
Fax: (250) 633-2463 | QUEEN CHARLOTTE CITY
P.O. Box 67
Queen Charlotte City, B.C.
V0T 1S0
Phone: (250) 559-8222
Fax: (250) 559-8219 | STEWART
824A Main Street
P.O. Box 919
Stewart, B.C. V0T 1W0
Phone: (250) 636-9184
Fax: (250) 636-2770 |
| ALTON
14th Street, West
Box 1277
Alton, B.C. V0J 1Z0
Phone: (250) 845-7266
Fax: (250) 845-3521 | MASSET
P.O. Box 289
Masset, B.C.
V0T 1M0
Phone: (250) 626-3627
Fax: (250) 626-3699 | PRINCE RUPERT
130 First Avenue West
Prince Rupert, B.C. V8J 1A8
Phone: (250) 624-6054
Fax: (250) 624-4920 | SMITHERS
3966 2nd Avenue
P.O. Box 3606
Smithers, B.C. V0J 2N0
Phone: (250) 847-4461
Fax: (250) 847-4568 | TERRACE
5331 McConnell Ave.
Terrace, B.C. V8G 4X2
Phone: (250) 635-6511
Fax: (250) 638-5432 |

Welcome to Northwest Community College



Calendar of Programs 1997 - 1998

This calendar is only intended to provide 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 details on course/programs or other information printed in this calendar are invited to contact any of our NWCC College Campuses.

DATES TO REMEMBER

1997

May 1	NRES Co-op Work Term I & II begin
May 5	Co-op Summer Work Terms begin; BADM Year 2, Term 2 begins (<i>Terrace</i>)
May 19	Victoria Day Holiday
May 30	ECE Extended Practicum ends
June 13	SSW Practicum, CRW ends
June 27	Last day of classes for programs ending in June
July 1	Canada Day Holiday
Aug. 4	B.C. Day Holiday
Aug. 22	BADM Year 2 ends
Aug. 29	BADM, NRES Co-op Work Term I & IRM Co-op Work Term II end
Sept 1	Labour Day Holiday
Sept 2	Fall semester begins for all programs unless otherwise noted; IRM Term V begins
Sept 12	Last day for LATE registration & course changes for Career & U/C
Oct 3	Millwright Co-op Work Term I ends
Oct 6	Millwright Co-op School Term II begins
Oct 13	Thanksgiving Day Holiday
Oct 24	Last day for official withdrawal - Fall semester for Career & U/C
Nov 11	Remembrance Day Holiday
Dec 12	Fall semester ends for Applied Technology, Applied Computers & U/C
Dec 19	Fall semester ends - all programs unless otherwise noted
Dec 25	Christmas Day Holiday
Dec 26	Boxing Day Holiday

1998

Jan. 1	New Years Day Holiday
Jan. 2	FRST Co-op Work Term II ends
Jan 5	Commencement of Spring semester - all programs continuing from Fall semester; FRST Term V & BADM Co-op Work Term II begins
Jan 16	Last day for LATE registration & course changes for Career & U/C programs
Jan 23	Millwright Co-op School Term II ends
Jan 26	Millwright Co-op Work Term II begins
Feb 23-27	U/C Reading Week
Feb 27	Last day for official withdrawal - Spring semester for Career & U/C
Apr 10	Good Friday Holiday
Apr 13	Easter Monday Holiday
Apr 24	Classes end for Applied Technology, Applied Computers, ECE, IHS, CRW yr 2, & U/C
Apr 29	ECE & IHS, & CRW yr 2 Practicum begins
Apr 26	Last day of classes for Spring semester
May 1	Classes end for BADM & NRES (yr 1,2,3) BADM Co-op Work Term II ends (<i>Terrace</i>)
May 4	NRES Co-op Work Terms I & II begin; BADM Summer Term Year II & Co-op Work Term I begin
May 18	Victoria Day Holiday
May 22	Classes end for ASE
June 19	CRW yr 2 & IHS Practicum ends
June 26	Classes end for CCP, Carpentry, Cook Training, Office Admin., Mechanics, Millwright & Welding
July 1	Canada Day Holiday
Aug 3	B.C. Day Holiday
Aug 21	BADM Summer Term yr 2 & Co-op Work Term I & Co-op Work Term II (<i>Pr. Rupert</i>) end
Sept 4	NRES Co-op Work Term I & IRM Co-op Work Term II end

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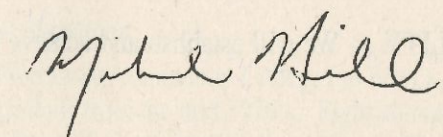
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MESSAGE FROM THE PRESIDENT

One of the keys to being successful as a college is to focus on the future and anticipate what the future holds. For Northwest Community College the focus comes from the people who live within our region, those who understand the circumstances and environment that shape our everyday lives. We do not see ourselves as a provincial organization but rather as a community organization that contributes to the health, well-being and development of the communities we serve. The College's new strategic plan places the highest value on a community-based, student-centred college. The true significance of this is reflected in many things, from the provision of services through selfless partnerships, by granting prior learning credit for experiences our students have acquired elsewhere, as well as many other innovative approaches.

The College actively encourages the involvement of all of its communities in setting future directions. To this end, the empowerment of communities has been identified within our Strategic Plan as an operating principle: "We are committed to the decentralization of learning opportunities and the central role of communities in determining their educational priorities." Through community input and interaction the future direction of educational opportunities for our residents will be established.

As Northwest Community College focuses on the future, we must respond to change provincially, nationally and even globally. We must always carefully balance such large scale change with the context in which we live here in the northwest region of British Columbia. Through the interaction of community and College community, teachers and learners, partners and providers, balance and success will be achieved.



MISSION

We are a community college committed to respecting and meeting the educational needs of the communities we serve. Our mission is to provide and enable equitable access to quality lifelong learning throughout our College region.

VALUES AND OPERATING PRINCIPLES

A STUDENT CENTERED COLLEGE — Programs, courses and services will be focused on meeting the learning, developmental and employment needs of the learners we serve.

STUDENT SUCCESS — We are committed to removing barriers to student success. We will provide services, programs and resources to foster success.

RESPECT — The College treats each person in a fair and equitable fashion, acknowledging and valuing their perspectives and diversity. Northwest Community College will not discriminate on the basis of race, age, colour, ancestry, place of origin, political belief, religion, marital or family status, financial status, physical, mental or learning disability, gender or sexual orientation.

COOPERATION — We are committed to working cooperatively and in good faith with our internal and external communities.

TRUST, HONESTY AND INTEGRITY — We will demonstrate high standards of personal, institutional and professional behavior.

COLLABORATION — We are committed to working collaboratively to optimize learning opportunities and resources.

ACCESSIBILITY — We are committed to providing fair and equitable access to learning opportunities and services for the communities we serve.

OPENNESS TO CHANGE — We will be relevant, current and innovative in our programs and services and will respond to changes in society and the needs of our learners.

EMPOWERMENT OF COMMUNITIES — We are committed to the decentralization of learning opportunities and the central role of communities in determining their educational priorities.

EMPOWERMENT OF EMPLOYEES — Our employees actively participate in the decision making processes at the College through shared responsibility, authority and accountability.

EMPOWERMENT OF STUDENTS — We recognize and encourage the active involvement of students in the development and improvement of College programs and services.

ACCOUNTABILITY — We will establish and achieve College objectives that are cost effective and open to public review.

INNOVATION — We encourage and support creativity and innovation in the development of initiatives that address opportunities for constructive change.

1997-98

COLLEGE BOARD

Kathleen Bedard, Chair	Prince Rupert
Ray Brady	Kitimat
Margaret Brown	NWCC Staff
Alan Campbell	Telkwa
Dennis Carlson	Prince Rupert
Jean Juhas	Haida Gwaii
Rev. Ian MacKenzie	Terrace
Sandra Martin	Moricetown
Darlene Neuman, Vice-Chair	Stewart
Lorene Plante	New Aiyansh
Marie Sullivan	Kitimat
Judy Tracy	Terrace

Board meetings are held approximately every six weeks from September through to June of the school year. Agendas are posted throughout the College Region or can be obtained from the Board Secretary.

Students, staff and the general public are welcome to attend meetings!

ABOUT NORTHWEST COMMUNITY COLLEGE.....

Northwest Community College was first established at the site of the B.C. Vocational School in Terrace, British Columbia in 1975. From this beginning, the gradual establishment of College centres in almost all of the communities in the Pacific Northwest region has led to remarkable growth in the programs and services offered by the College. A large percentage of the people who live within the region take advantage of the opportunities available at these centres.

The College is comprised of four geographical regions: the Eastern Region, which serves Smithers, Telkwa, the Hazeltons, and Houston; the Southern Region, serving the communities of Kitimat, Kemano and Kitimaat; the Central Region, serving the communities of the Terrace/Thornhill area, the Nass Valley and Stewart; the Western Region, serving the communities of Prince Rupert, along the North Coast and the Queen Charlotte Islands/Haida Gwaii. The entire region is 80,450 square kilometres, with a combined population of approximately 80,000.

EASTERN REGION

Houston

The Houston Centre began its operations approximately eighteen years ago. At that time Adult Basic Education, some part-time University Credit courses and continuing education courses were offered. Today Career and College Prep Transitions (prerequisite training), Career Development and the Natural Resources program are regular offerings, along with a wide variety of continuing education courses that meet on-demand needs of the community.

In December of 1995 the move from leased space to a brand new building prompted a new partnership with other community educational providers — Houston Link to Learning, Morice Community Skills Centre and School District 54's Storefront School. A result of these providers sharing space in the College building is the enhanced ability to access new technologies in the form of networked computer labs, audio and video-conferencing and connections to the Internet, as well as just one stop for those pursuing educational opportunities.

Smithers

The College Centre in Smithers, serving Smithers, Telkwa and surrounding communities, is situated in an easily accessible downtown location. Regular programming includes the specialized Wilderness Guide Skills Program which draws learners from across the nation. Other programs and courses available are Career and College Prep, University Credit, Community Support Worker Natural Resources and Office Technology. Many other part-time offerings are based on local needs.

The community of Smithers with a population of approximately 5000 is situated in the Bulkley Valley, a perfect location for outdoor enthusiasts. Residents enjoy hiking, fishing, kayaking and cross-country skiing. A nationally renowned downhill ski facility is located close to the Smithers town centre on Hudson Bay Mountain.

The Hazeltons

Northwest Community College has been a part of the Hazeltons from the mid 1970's. Eight communities from Highway 37 through to Highway 16 as well as the three Hazeltons, the Kispiox Valley and Two-Mile are served by the Centre in Old Hazelton. Rapid growth has seen programming

increase from the first offerings of Career and College Prep and community interest courses to the establishment of fully accredited programs. Responding to the needs of the local communities, additional educational opportunities are available on a demand basis.

With cooperation from communities and community groups, various partnerships have been established over the years which include: assisting tribal councils in implementing Career and College Prep programs on all reserve communities; innovative programming in the health care and natural resources fields in cooperation with the Gitksan Wet'suwet'en Tribal Council; assisting the University of British Columbia in delivering the Native Indian Teacher Education Program. The College in Hazelton has been a leader in promoting and including cultural components in its program offerings.

SOUTHERN REGION

Kitimat

The 11,500 residents of Kitimat ("People of the Snow") live at the head of scenic Douglas Channel on the north coast. Local amenities and temperate climate make it an indoor and outdoor sports and recreation haven. Serving the communities of Kitimat, Kitamaat Village and Kemano since 1976, the campus is centrally located in downtown Kitimat and provides access to the latest educational technology with three computer labs, a multimedia editing suite and an electronics laboratory. Affordable housing, ample parking and full transit services make opportunities at this campus easily accessible.

Program offerings include Career and College Prep, Office Technology, and English Language Training. Also offered is the Applied Technology in Industry Program — unique because of the partnership with local industries in providing on-site training. Other training and continuing education courses are offered according to local need. Courses are delivered by qualified, experienced staff as well as specialists from local government, business and industry.

CENTRAL REGION

Terrace

Northwest Community College in Terrace is located on thirty acres of beautifully landscaped grounds approximately five kilometres from downtown Terrace. The campus features student housing, a day care and a full service cafeteria. The community of Terrace is the geographic centre for the region's natural transportation corridors and acts as a regional centre for many services. The convenience of two major shopping malls, easy travel to a major downhill skiing facility on Shames Mountain, plenty of indoor and outdoor recreation, and many forms of cultural activities combine to make an excellent lifestyle for area residents.

The College Centre offers a full scope of programs that includes a two year University Credit program, Career and College Prep, Early Childhood Education, Social Service Worker, Trades and Technology, Office Technology and Business Administration. A focus on providing skills for the workplace has prompted the development of innovative new programs such as the Natural Resources Program. Learners have the opportunity to achieve two year associate degrees and many programs are articulated with major universities. Support for learners comes in various forms, from on-site day care to peer tutoring services. A qualified, professional and helpful staff, smaller class sizes and student success services ensure a positive experience for all.

Nass Valley

The Nass Valley is situated 80 kilometres north of Terrace in the midst of a spectacular wilderness that includes the historic Tseax Lava Beds, Canada's youngest volcanic area.

Northwest Community College, through a special partnership with Wilp Wilxo'oskw'hl Nisga'a (Nisga'a House of Learning) provides opportunities for post-secondary education to the citizens within the Nass Valley region. The College/Wilp Wilxo'oskw'hl Nisga'a is centrally located in the community of New Aiyansh.

Various programs are offered throughout the communities in the Valley, including Career and College Prep in Lax Galts'ap (Greenville). The Nisga'a language and culture is immersed into the curriculum of programs offered in the area.

Stewart

Northwest Community College in Stewart has been serving Stewart and surrounding communities as well as Hyder, Alaska since 1989. The communities of Stewart and Hyder are situated at the head of Portland Canal on Canada's most northerly ice-free port. The area provides residents and visitors with many outdoor recreational opportunities and the ability to observe wildlife such as bears, eagles and salmon in their natural setting. Tourists and locals alike enjoy visits to century-old gold mines and the town of Hyder, known as Alaska's Friendliest Ghost Town.

The College provides a vital link to educational opportunities for local residents and offers Career and College Prep on a part-time basis. The College Centre is easily accessed by its location within the Stewart Secondary School. Learners have greater access to computer and telecommunications technology and learning resources through this high school/college partnership. Continuing education and community interest courses are offered based on identified local needs.

WESTERN REGION

Prince Rupert

Northwest Community College in Prince Rupert is one of the fastest growing centres in the College region, with enrollments in full-time programs up almost 10% over the last five years. Located on an inner harbour on the north coast, mild marine air keeps the temperatures moderate throughout the year. Established early in the province's history as a major port, the architecture and city layout is reminiscent of the city of San Francisco.

Full-time programming in Prince Rupert includes University Credit, Welding, Business Administration, Career and College Prep and English as a Second Language Training. A program unique to the College is located at the Centre. The Marine program provides theoretical training for mariners — chartwork and pilotage, ships' management and navigation safety are a few of the specialized courses offered within the program. Many partnerships have been established with other educational providers, First Nations organizations, the Northwest Maritime Institute, and business and industry so that the development and offering of programs specifically meet the diverse needs of the community.

Additional programs in natural resources and wilderness guiding are planned for the future throughout the Western Region.

Haida Gwaii

(Queen Charlotte Islands)

Steeped in First Nation's cultural history and pristine beauty, Haida Gwaii is located across the Hecate Strait from Prince Rupert. Residents enjoy miles of sandy beaches and peaceful ocean views. The College has centres in two communities on the islands — Queen Charlotte City and Masset. Both College Centres are situated in the downtown core of the two communities. Distances to other communities on the islands are relatively short and make College programs easily accessible to all.

Course offerings include Career and College Prep and continuing education/community interest courses.

A student-centred focus, smaller class sizes, quality instruction and program development/implementation in response to advice from the communities served combine to ensure a relevant and successful College experience.

The College's Mission Statement reflects the commonly held value that programs and services are there for the benefit of the communities served, and that all citizens can access the opportunities where they live and work.

EDUCATION COUNCIL

The provincial government's Bill 22, the College and Institute Amendment Act, requires a common model for the structure of all colleges' governance bodies, such as the College Board of Governors and the Education Council. The College Board is the legal entity which makes the final decision on College financial and educational matters. The Education Council is the main policy-recommending body for College-wide education issues such as grading, admission standards and curriculum.

ADVISORY ROLE OF EDUCATION COUNCIL

A Board must seek advice from Education Council and the Council must offer advice on matters specified in the Act. Advice given must not conflict with policy or directives established by the powers and duties of the Minister. Council must be given 10 working days for determination and advice to the Board, unless there are "substantial reasons" why 10 days notice cannot be given. If the Board must deal with the matter prior to receipt of advice, the Board must advise Council of its decision on the matter and the reasons why notice was not given.

POWERS OF EDUCATION COUNCIL

Council must make bylaws for the conduct of its business. Such bylaws must include conflict of interest guidelines. The Council must seek prior approval of the Minister regarding the bylaws. In addition, the Council has authority to establish sub-committees. The substantial area in which Council holds sole power is the ability to set curriculum content for courses leading to certificates or diplomas.

JOINT APPROVAL

Essentially, decisions concerning curriculum evaluation for determining course and program equivalency and course credit within the College and between institutions require joint approval by the Board and the Council before they can be implemented. This determination does not include curriculum evaluation based on instructional methodology. There is 60 days (after a request made to either party from the other) in which to reach joint approval. If there is no agreement after 60 days, either the Council or the Board may refer the matter to the Minister or designate, who will make the decision.

EDUCATION COUNCIL MEMBERSHIP

(April 1997 - March 1999)

TBA, Acting President

Beth Davies, Administrative Representative

Larisa Tarwick, Administrative Representative

TBA, Administrative Representative

TBA, Administrative Representative

Debbie Rocha, Office Careers & Office Administration

John Campbell, Business Administration

TBA, Careers

Andre Klingner, University Credit

Moni Izumi, University Credit

Jim Bathgate, Trades and Cooking

Stella Webster, Technology

Stephen Doyle, Natural Resources

Marie Grinstrand, Developmental Education

TBA, Developmental Education

TBA, Recording Secretary

Lynn Gould, Support Staff

TBA, Support Staff

Hayes Beatty, Student Representative

Adriane Watson, Student Representative

Rena Gibson, Student Representative

Kelly Houlden, Student Representative

General Information

- * *Admission and Registration*
- * *Fees and Refunds*
- * *Student Conduct Policy*
- * *Grading Policies and Procedures*
- * *Appeals*
- * *Student Records*
- * *Student Support Policy*
- * *Services Available to Students*

Admission and Registration

Northwest Community College is prepared to admit individuals with any level of qualification. Students may be required to meet specific program pre-requisites through academic upgrading at the College before they can be enrolled in the program of their choice.

College admission procedures ensure equal opportunity of access to programs for students who have the academic qualifications required by the program and are able to begin studies when space is available.

International students will be accepted in some programs if space is available. Canadians and landed residents who apply for admission with a reasonable lead time will not be denied access as a result of international student placement.

APPLICATION PROCEDURE

All new students are strongly encouraged to talk with an Educational Advisor before applying to the College. Appointments can be arranged by contacting the nearest centre.

To apply for a program at the College an applicant should:

- Complete and return an application form to the centre he/she wishes to attend along with:
 - high school transcripts*;
 - official transcripts of relevant post-secondary schooling*;
 - a non-refundable application fee of \$25.00.
 - any additional documentation noted in the program section.
- Applications that have not met all of the above requirements will not normally be processed. In the event that a conditional acceptance is offered it can be suspended if stated deadlines are not met. This would allow other qualified applicants to be offered a space.
- During the two weeks before the start of a program spaces are open to any qualified applicant who is prepared to complete the registration process.

* NOTE:

Official transcripts can usually be obtained from the Registrar's office at the last post-secondary institution attended. High school transcripts can be obtained by contacting the last high school attended. Applicants who are unable to obtain transcripts through the normal process should contact the Centre they are applying to or attach a note to the application so that an alternate assessment may be arranged where possible.

REGISTRATION

Students are required to register (*complete all forms and pay all fees*) on or before the date specified in their acceptance letter.

Students waiting for a Student Loan to be processed may defer the payment of their fees by contacting the Registration Office of the campus they will be attending.

Students whose fees are being paid by a sponsoring agency must present a letter to this effect at the time of registration. A charge of \$25.00 will be made to those agencies failing to supply this letter and wishing to authorize invoicing by telephone.

Fees and Refunds

APPLICATION FEE

A \$25.00 non-refundable application fee is charged to those applying for admission to certificate, diploma and associate degree programs. This fee is waived for students returning within 12 months of their last NWCC enrollment.

DEPOSITS (refundable)

Residence	\$125.00
Book & Tool	\$ 50.00 (some programs)

INTERNATIONAL STUDENTS

International students are assessed fees at a level that offsets the cost of their training to the Provincial Government. Please contact the Registrar for information on programs available to international students and the fees levied for the current year.

LATE REGISTRATION

A \$10.00 late registration fee may be charged to any student who has been attending class without being registered. For credit based programs, this will apply only after the last date for registration and course change as noted in the "Dates to Remember" section of this calendar.

OFFICIAL TRANSCRIPTS

There is a charge of \$5.00 for each official transcript.

REINSTATEMENT

There is a \$25.00 charge to reinstate enrollment for a student who has allowed their registration to lapse.

UNIFORM/COVERALL CLEANING

Students enrolled in Professional Cook Training, Mechanics and Millwright pay \$2.50 per week to cover the cost of cleaning uniforms/coveralls provided by the College.

TUITION AND STUDENT FEES

1. Continuing Education Programs & Courses

The College offers a variety of continuing education programs and courses in communities throughout the region. For information on available training and costs, contact the college centre nearest you.

2. Marine

Fees are charged per course. Contact our Prince Rupert campus for fee information.

3. Semester Based Programs - with a semester maximum

Includes the following programs:

Applied Computer Technology, Applied Technology, Business Administration, Community Resource Worker, Early Childhood Education, Natural Resources and Social Service Worker.

	Per Credit	Maximum Semester
Program Tuition	\$ 39.62	\$ 594.30
NWCC Student Assoc. membership & activity fee	\$ 1.95	\$ 29.25
Registration & Computer lab fee	\$ 3.33	\$ 49.95
Total	\$ 44.90	\$ 673.50

4. Semester Based Programs - no semester maximum University Credit.

	Per Credit
Program Tuition	\$ 39.62
NWCC Student Assoc. membership & activity fee	\$ 1.95
Registration & Computer lab fee	\$ 3.33
Total	\$ 44.90

5. Vocational Programs - Full-time*

Includes the following programs:

Adult Special Education, Automotive, Career and College Prep, Carpentry, Commercial Transport, Heavy Duty, Industrial Mechanic, Office Administration, Professional Cook Training and Welding.

	Per Day
Program Tuition	\$ 6.00
NWCC Student Assoc. membership & activity fee	\$.30
Registration & Computer lab fee	\$.50
Total	\$ 6.80

6. Vocational Programs - Part-time*

Students enrolled in vocational programs 12.5 hours per week or less.

	Per Day
Program Tuition	\$ 3.00
NWCC Student Assoc. membership & activity fee	\$.15
Registration & Computer lab fee	\$.50
Total	\$ 3.65

* NOTE:

- Although fees for vocational programs are calculated per day, fees are collected on a semester basis.
- Fundamental Level CCP do not pay the tuition portion of the fees.

7. Senior Citizens (age 65 or over)

Senior citizens are eligible for tuition-free enrollment in many NWCC courses. This exemption does not apply to any charges for materials, books or supplies that other students in the course are required to pay. Further information can be obtained from the college campus nearest you.

REFUNDS

Continuing Education Programs & Courses

1. Full refunds will be made only if a course is cancelled by the College or if a student withdraws from a course for medical or bereavement reasons before the course starts.
2. Withdrawal before second class - 100% of fees, less a \$10.00 administration charge.
3. Withdrawal after second class - NO REFUND.
4. Special registration and refund policies apply to courses labelled as "designated". NO REFUNDS are made after the pre-registration date unless the space can be sold to another student. The withdrawing student will then be refunded 100% of the fee, less a \$10.00 administration charge. Before the pre-registration date, the regular refund conditions apply.

Marine Studies

On registration, students in Marine programs are required to pay fees by the course. In the event that a student withdraws, the fees will be prorated on a daily basis to determine the refund. There is no refund for Marine self-study or PMTC courses.

Semester Based Programs

1. Withdraw before the end of the 1st week of the semester - 80% of tuition and student fees.
2. Withdrawal during the 2nd, 3rd, or 4th week of the semester - 50% of tuition and student fees.
3. Withdrawal after the 4th week of the semester - NO REFUND.

Vocational Programs - Full & Part-time

On registration, students in vocational programs are required to pay tuition, calculated on a daily basis, to the end of the semester in which they are registered. A full refund of tuition and student fees paid beyond the date of completion or withdrawal will be made.

Student Conduct Policy

GENERAL CONDUCT AND SAFETY

The College strives to provide an effective and safe learning environment for you and your classmates. If a member of your class is acting in a manner which makes it difficult for other students to learn or threatens their safety, your instructor may require the student to leave the class. In serious situations, the student may not be allowed to return to the class. If a student is expelled from class the instructor will file a report, clearly documenting the reasons for expulsion, with the Centre Director within twenty-four hours. A copy of this report will be given by the Director to the student on request. If the student disagrees with the contents of the report, or wishes to dispute the action taken, he or she can follow the appeal procedure contained in this section. This appeal will be heard as quickly as possible.

INTELLECTUAL HONESTY

The grades you receive as a student at Northwest Community College are a statement of your personal achievements. It's essential that everyone (your fellow students, instructors, potential employers and other institutions) be confident these grades are the result of your personal effort. The College will not, therefore, tolerate any forms of intellectual dishonesty.

Examples of intellectual dishonesty include presenting the published work of others as your own (plagiarism), copying, aiding and abetting copying, falsifying laboratory results and cheating on exams.

The possible penalties imposed by the College for intellectual dishonesty include a variety of disciplinary actions. Examples of actions which may be taken by the College include a warning, a requirement to repeat the work, assignment of a failing grade for the work, failure in the course, a change in the technique used to calculate your final grade and expulsion from the College.

If you are accused of committing an intellectually dishonest act your instructor will provide a written statement describing the incident and the penalty imposed to you and the Director of the centre. If you disagree with the instructor's charge you may initiate the appropriate appeal procedure.

ATTENDANCE

Experience has shown that students who attend classes regularly do far better than those who are often absent. If you miss a class you may have missed important information about assignments, exams or upcoming opportunities. You should make sure you find out what you missed.

Some students attending the College are sponsored by various agencies. Most agencies require the College to regularly report the attendance of the students they sponsor. If you are a sponsored student you should make sure you know your sponsor's rules about attendance.

The Co-operative programs offered by the College provide students with the opportunity to gain valuable work experience directly related to their studies. These students are employees during their work terms and are expected to conduct themselves in accordance with the requirements of their employer.

The College, in cooperation with a number of agencies, provides students with the opportunity to complete practicum placements for a number of career programs. Successful completion of a specified number of hours is required for provincial certification. The agencies providing the opportunity expect students to make a valuable contribution to their organization. For these reasons attendance is required for students enrolled in a practicum. If you must be absent from a practicum or clinical session, you should notify both the placement agency and the instructor supervising the practicum, of the absence, its nature and expected duration as soon as possible. Appropriate documentation may be required for absences during a practicum. Excessive absences from practicum placements may result in a student being required to withdraw from the course.

ABSENTEEISM

If you miss a scheduled examination or submit course work after it's due, for medical or other reasons, you must notify your instructor as soon as possible. To ensure all students are treated fairly, your instructor will ask for appropriate evidence to support your claim. If the reason for your absence is medical, then a statement of illness from a doctor may be required.

If your reasons for missing an exam are acceptable you will be allowed to write a substitute exam later. If the exam you missed was the final exam in a course, you will receive an "Incomplete (INC)" grade on your transcript. The instructor

will arrange an alternate method of evaluation, your final grade in the course will be calculated as if you had written the exam at its scheduled time. Failure to provide appropriate documentation to support your claim will usually result in a score of '0' if an exam is missed or the reduced grade which results from the imposition of penalties for overdue assignments.

If you are suffering from long term medical problems, or there are other exceptional circumstances which may affect your ability to complete your studies successfully, please notify your instructor as soon as possible. Your instructor will work with you to try to develop a schedule which allows you to complete your studies.

Grading Policies and Procedures

METHODS OF EVALUATION

Methods commonly used for evaluation include assignments, essays, oral or written tests, participation in class discussions, performance in seminar presentations, performance during professional practica, demonstration of practical skill requirements, laboratory assignments and examinations, open book or take-home examinations and final examinations.

Your instructor will provide a written course outline at the start of the course which will include a description of how your final grade will be determined. This description will include which methods will be used, a general description of how each requirement will be evaluated, the weight given to each in the calculation of your final grade, penalties for the late submission of work and any special regulations about laboratory or term assignments and essays.

It is your responsibility to ensure that you understand the grading criteria for each course in which you are registered. Lack of familiarity with how a course's final grade is calculated is not a sufficient reason for appeal of a grade.

ASSIGNMENTS AND ESSAYS

Your instructor will tell you when an assignment or essay is due and how it will be marked when it is assigned. If there are problems which prevented you from completing the project on time please refer to the Absenteeism section of the General Regulations.

If you do not complete all work for a course before the final examination you may not be allowed to write the final exam.

The grading criteria handed out at the start of the semester will provide detailed information concerning late work for the course.

EXAMINATIONS

It is generally recognized that continuous evaluation is an important part of the learning process; however, final examinations are required in some courses. The grading criteria distributed for each course at the start of the semester will indicate if a final exam is required. If a course you're taking has a final exam it will not count for more than 50% of your final grade.

In courses which have a scheduled exam period a schedule of examinations will be available at least 4 weeks before the start of examinations.

If you are unable to write an examination you must follow the procedure described in the Absenteeism section of the general regulations.

INCOMPLETE GRADES

An incomplete grade indicates that some required course work was not completed and evaluated in the prescribed time period due to unforeseen but justifiable reasons and that there is still a possibility of earning credit. It is your responsibility to discuss the situation with your instructor. Your instructor and you must develop a plan to satisfy the remaining course requirements within a reasonable period of time. A final grade is assigned when the work is completed and evaluated.

An incomplete grade will change to an F if the required work is not completed within the agreed time period.

WITHDRAWAL

A grade of 'W' indicates you officially withdrew from the course and/or program and does not affect your standing at the College.

For most vocational courses you may withdraw at any time. Fees are charged only until the date of withdrawal.

Most credit based programs have a specified date after which withdrawals are allowed only in exceptional circumstances and with the approval of the instructor. Non-attendance by itself is not considered to be a withdrawal and the instructor may assign a grade of 'F' or 'UW' to those who do not formally withdraw.

To withdraw from a course or program you must complete the appropriate forms at the Registration Office. Please refer to the "Dates to Remember" section at the beginning of this calendar for application dates.

NOTE:

Before withdrawing from a course, recipients of student aid through the B.C. Student Assistance Program should check whether their eligibility for aid will be affected.

GRADING SCALE

Final grades are generally reported using letter grades. Each letter has a numerical equivalent which is used to calculate your grade point average. These letter grades and their numerical equivalents are: (*See next page for Chart*)

NWCC GRADING SCALE CHART

LETTER GRADE	GRADE POINT	INTERPRETATION
A+	4.33	Outstanding Achievement
A	4.00	
A-	3.67	
B+	3.33	Above Average Achievement
B	3.00	
B-	2.67	
C+	2.33	Average Achievement
C	2.00	
C-	1.67	
P	1.00	Marginal Achievement
F	0.00	Failure
AUD	n/a	Course audited - Not for credit
CIP	n/a	Course in progress
CR	n/a	Credit granted - Satisfied performance criteria
EX	n/a	Exemption granted for prior learning or experience
I	n/a	Incomplete - Extension granted, changes to F if not completed
NC	n/a	Credit not granted
PC	n/a	Partial completion or program closure
SC	n/a	Enrollment status change - Internal use only
TRF	n/a	Transfer credit from another institution
UW	n/a	Unofficial Withdrawal - Student did not complete course
W	n/a	Withdrew during allowed period or with instructor permission

CALCULATING GRADE POINTS AND YOUR GRADE POINT AVERAGE

The grade point for a course is calculated by multiplying the numerical equivalent of the letter grade obtained in the course and the course's credit hours. A course which had 3 credit hours and in which you obtained a B- would therefore have a grade point of $3 \times 2.67 = 8.01$.

Your grade point average is calculated by dividing the total number of grade points you have earned by the total number of credits you have accumulated.

PRIOR LEARNING ASSESSMENT & RECOGNITION

Northwest Community College is committed to meeting the needs, of, and broadening access for, adult learners through the assessment and recognition of prior learning.

Prior Learning Assessment (PLA) involves faculty evaluating the knowledge and/or skills an individual may have gained through non-formal education/training or experience and the granting of appropriate credit by Northwest Community College. Skills, knowledge and competencies that have been acquired through work experience, unrecognized education or training, self-study, volunteer activities, hobbies and other life experiences can all be assessed for credit.

Prior Learning is currently under development at NWCC, please see an Educational Advisor for further information.

Appeals

STUDENT APPEAL

Any student who perceives that she/he may have been unjustly treated regarding the application of a college procedure, the action of a college employee, or that a final grade does not reflect actual achievement has the right to seek recourse through an appeal procedure.

If requested, the college will identify an individual or agency to assist the student with the appeal process.

A detailed process for appeals is available at each college office, from Student Advisors, and from Student Associations. The detailed process will be consistent college wide but variations will be necessary due to campus structures, program duration, etc.

GRADE APPEAL

Students are encouraged to discuss any grade received with the instructor at the time the grade is issued. Students may request reconsideration of final course grades only. The appeal must be of sufficient substance to warrant a change to the grade if the appeal is successful.

Procedure

If at any point during the appeal process, the student feels unsafe approaching the designated person, she or he may pursue the appeal directly to any of the other people named in the procedure (i.e. Administrator, Instructor or Centre Director).

1. The student must initiate the appeal process by discussing it with the instructor within 30 calendar days following the receipt of the final grade;
2. If the matter cannot be satisfactorily resolved with the instructor, the student may pursue the appeal by forwarding a written outline of the appeal to the administrator responsible for the program. If the administrator is also the instructor, the written appeal will be forwarded to the Centre Director. The appeal must specify the course, the instructor, the evidence upon which the appeal is based, and the resolution being sought.
3. Failing resolution with the administrator, the student may pursue the appeal by forwarding it to the Centre Director who will verify that the appeal process has been properly adhered to and will submit the appeal to the grade appeal committee. In general, fourteen calendar days will be allowed for the appeal to progress from the instructor to the Centre Director.

SUSPENSION APPEAL

A student may be suspended from the college for disciplinary reasons for a given period or indefinitely. The final decision to suspend a student may be made only by the President and will be done in writing. A student who has been suspended and feels the decision is unjust has the right to appeal the decision.

Procedure

1. The student must initiate the appeal process within 48 hours of the receipt of the suspension notice by notifying the President of her or his intention to appeal. This notification must be in writing.

2. The President will establish a suspension appeal committee to hear the appeal within 5 days of receipt of the student's notification.
3. The Chair of the Appeal Committee will advise the President of the committee's decision and the President will advise the student.
4. If the student finds the committee's recommendations unsatisfactory, she or he has the right to appeal to the Board of Directors. Appeals to the Board must be made in writing within 48 hours of receipt of the Appeal Committee's decision. The role of the Board is to ensure that proper procedure has been followed and will not include a review of the reasons or justification for the suspension.
5. The decision of the Board is final and binding.

OTHER APPEALS

Any student who perceives that she or he has been unjustly treated or that a decision affecting her or him is unfair, has the right to initiate an appeal. Other appeals might include decisions on admissions, financial aid, student harassment or other non-instructional situations.

Procedure

If at any point during the appeal process, the student feels unsafe approaching the designated person, she or he may appeal directly in writing to any of the other persons named in the procedure (i.e. Supervisor or Centre Director).

1. The student must first attempt to resolve the issue with the college employee on an informal basis within 30 calendar days following the incident.
2. If the matter cannot be satisfactorily resolved with the college employee, the student may pursue the appeal by forwarding a written outline of the appeal to the employee's supervisor.
3. Appeals will be resolved by the Centre Director based on recommendations of an appeal committee.
4. The decision of the Centre Director is final and binding.

Student Records

CERTIFICATES, DIPLOMAS AND ASSOCIATE DEGREES

Northwest Community College issues a variety of cards and certificates to recognize attendance, completion and/or achievement in many non-credit programs. Full certificates are awarded on successful completion of credit programs in Basic Training, Pre-employment and Career Programs. Diplomas and Associate Degrees will be awarded on successful completion of the equivalent of four full semesters or two years. Students who believe that they have completed the requirements for a Certificate, Diploma or Associate Degree should consult with their instructor or an Educational Advisor.

CHANGE OF ADDRESS

In order to ensure that transcripts, tax forms and other mailings reach students in a timely manner, all changes of address need to be reported to your campus. A "Change Notice Form" is available for this purpose.

CHANGE OF NAME

A student who wishes to change his or her name on their student record must advise the College in writing and provide official documentation of the change (i.e. copy of marriage certificate).

CONFIDENTIALITY OF STUDENT RECORDS

The College considers a student's record of achievement to be confidential and will not release information without the student's written consent except under the following circumstances or conditions.

Information on students may be disclosed without consent of the student to designated College officials deemed to have legitimate educational interest.

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

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

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

Students have the right to inspect their academic record and challenge any contents which they believe to be inaccurate or misleading. A staff member will be present during such an inspection.

Students will, on submission of a signed request and payment of the appropriate fee, have the right to receive transcripts of their own academic records. Such a right would not apply to students in debt to the College but such students will still have the right to inspect and review their records. No partial transcripts of a record will be issued. The College will not normally provide students or third parties with copies of other documents on file, e.g. transcripts from other institutions.

FREEDOM OF INFORMATION AND PROTECTION OF PRIVACY

In signing an application for admission, you are advised that both the information you provide and any other information placed on your student record will be protected and used in compliance with Bill 50 Freedom of Information and Protection of Privacy Act (1992) and the operations of the College. Information collected and maintained as part of your student records is collected under the authority of the Colleges and Institutes Act.

Northwest Community College gathers and maintains information used for the purposes of admission, registration and other fundamental activities related to being a member of the Northwest Community College community and attending a public post-secondary institution in the Province of British Columbia. Information you provide will also be used for non-administrative research purposes. This research will include longitudinal research using anonymous linked records in the B.C. Educational Records Linkage File (Link File). The personal records in the Link File are not identifiable and are not used for administrative purposes.

For further information please contact the Director of Education and Student Services, College Services, Northwest Community College, 5331 McConnell Avenue, Terrace, BC, V8G 4X2. Phone (250) 635-6511, or FAX (250) 638-5461.

OFFICIAL TRANSCRIPTS

Students who are applying for admission to a post-secondary institution are generally required to provide an official transcript from all previously attended institution. These transcripts bear the signature of the Registrar and the College seal.

To have an NWCC official transcript prepared you must complete a "Request for Official Transcript" form, available from any campus, and submit it to the Registrar along with a processing fee of \$5.00 for each transcript requested.

Official transcripts will not be processed for students who have outstanding debts to the College.

OUTSTANDING CHARGES

It is expected that students will meet their financial responsibilities to the College by paying required tuition and service fees. Students who have outstanding debts to the College will not be considered for re-admission nor will the College issue any official transcripts, certificates, diplomas or associate degrees until the debt has been cleared.

STATEMENT OF GRADES

Students will receive their grade statements by mail as soon as possible after the end of the semester. Statements of grades are mailed to the permanent address on file.

TRANSFER CREDIT

Students who have completed course work at other post-secondary institutions may be able to transfer credit towards a certificate, diploma and associate degree at Northwest Community College.

To request transfer credit, you must submit a letter of request noting the expected credit, along with an official transcript to the Registrar. This should be done well in advance of the start of your program at Northwest Community College.

Student Support Policy

STUDENT SUPPORT POLICY

"All students and potential students at Northwest Community College will have access to a comprehensive set of student support services."

STUDENT SUPPORT MODEL

The Student Support Model that follows (Page 23) shows the various services available to students from the time they show an interest in NWCC until the time they complete their studies at the college. All of the following services will be available in each of the college regions.

REFERRAL

Students will first come to the college campus either on their own, or through referrals from community agencies or from other parts of the college.

INITIAL CONTACT

The first contact with the college may be by telephone, through the mail, through e-mail, or through a personal visit to a college campus.

ADVISEMENT SESSION

Students who need advice on college programs or help with their career planning can discuss their goals with members of the NWCC Student Support Team. Depending on the campus, the support team may include the Education Advisor, the First Nations Access Coordinator, the Coordinator of Services for Students with Disabilities, the Education and Career Support Specialist, or program faculty and staff. College staff may also provide assistance with financial aid, sponsorship through community agencies and special services for students with disabilities.

ASSESSMENT AND APPLICATION

When students have chosen their courses or programs they will complete an application for admission to the college.

Students may also do a program assessment to find out if they are ready to begin their studies. Students who are not yet ready to successfully complete their chosen courses or program will be helped to upgrade their skills.

PROGRAM REGISTRATION

Once the college has approved the application for admission, students will be offered the next available seat in the course or program. Students will pay their fees and meet all of the requirements for entry into the program, sometimes with help from Student Support staff or outside agencies. The student will begin the program on the scheduled entry date.

FIRST SUPPORT CHECKS

College faculty and staff as well as members of the Student Support Team will monitor student performance and may offer assistance to students who seem to be struggling, missing classes or progressing more slowly than expected. These support checks are meant to provide assistance to give students the best possible chances of succeeding in their studies.

EDUCATION, PERSONAL AND CAREER SUPPORT

The college has many services available for students who may be having difficulties. Students can get help with money problems, academic problems, or personal problems which may be affecting their studies, or they can get advice about educational and career planning. In some cases, students will be referred to agencies outside the college for assistance. Students can refer themselves to any of these services, or they may be referred by college faculty or staff.

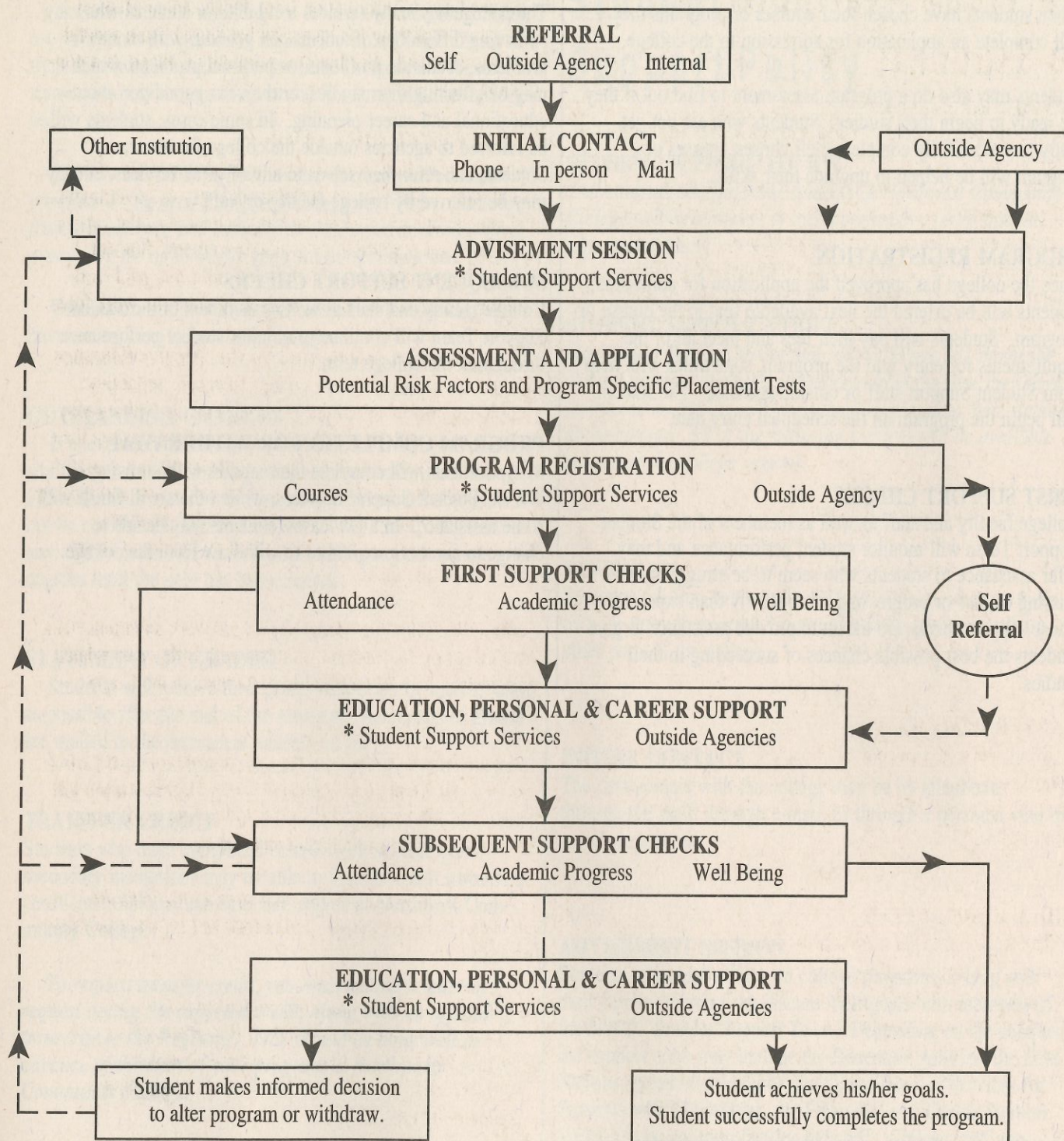
SUBSEQUENT SUPPORT CHECKS

College faculty and staff as well as members of the Student Support Team will continue to monitor student performance throughout the college term.

PROGRAM COMPLETION OR WITHDRAWAL

Many students will complete their studies without using NWCC Student Support Services, while others will finish with some assistance. In a few cases, students may decide to change to another program or to withdraw from the college.

STUDENT SUPPORT MODEL



*** Student Support Services include:**

Advisors, First Nations Access, Education & Career Support, and Services for Students with Disabilities.

Services Available to Students

ADVISING (Educational)

Educational Advisors provide students with up-to-date information on college services, policies, procedures, facilities, programs and courses. Advisors have knowledge of all college programs as well as programs and courses at other educational institutions. Advisors are trained to assist students with developing educational plans and with course planning. They are available to help students define and work towards their educational goals. Potential students interested in applying to the College may make an appointment to speak to our Educational Advisor. Students are encouraged to phone their local campus to make an appointment.

BOOKSTORE SERVICES

Textbooks and course materials for College courses and programs are available at College campuses as well as general interest books, stationery, backpacks, clothing and memorabilia. The staff also provide a special order service for any book from anywhere. Services are available to students, faculty, staff and the community.

CAREER RESOURCES

Each Centre has calendars, books and periodicals with information on a wide variety of topics including career planning, personal development, college and university programs.

CHILD CARE ACCESS

The Regional Child Care Access Pilot Project assists communities in the northwest region to increase and strengthen their childcare options. "Student Parents" will be offered information on obtaining: Child Care options; quality Child Care; Child Care subsidy; and, licensed Child Care information. This information is available (Blue Binders) from Educational Advisors. There is on-going campus displays regarding child care access issues and the child care training programs are offered through our College centres. The College has a Child Care Access Co-ordinator on staff who can help students with child care issues. Your children's child care takes time to plan so contact the Co-ordinator for help! You can access the Co-ordinator through your local College centre.

CLEAN AIR POLICY

On the basis of information from the Canadian Medical Association regarding the increased health risk from secondary tobacco smoke, Northwest Community College is a non-smoking college.

CO-OPERATIVE EDUCATION

Co-operative Education combines academic study with related work experience in business, industry or government. Students gain practical skills and an awareness of the variety of employment opportunities available to them. Students alternate between full time studies and full time, paid work, resulting in a graduate better prepared to enter the work force.

All employment opportunities for Co-operative Education students are approved by the college to ensure suitability. Eligible Co-op student compete for placements with employers through an interview and selection process or secure their own approved job. For this reason, students are not guaranteed a Co-op job. Students are hired by employers and receive wages comparable to employees with similar positions. Students on a work term are monitored by faculty or co-op staff with on-site visits.

For some technology programs where work experience is a requirement of the program, students with little or no related work history may be required to participate in the Co-op program.

All students accepted into the Co-op program must participate in work orientation seminars (Co-op 100) that teach job finding and job keeping skills prior to the first work term. Attendance of these seminars is mandatory.

A Co-op fee is payable for each work term. Fees are calculated based on the six credits received for each successful work term.

To qualify for a first work term, students must:

- have successfully completed all first semester courses and be registered in all second semester courses, and have attended Co-op work orientation seminars (Co-op 100)

To qualify for a second work term, students must:

- have received credit for all previous courses in the program; and
- have received credit for the previous work term by receiving a satisfactory evaluation from the employer and writing a satisfactory work term report.

Co-operative Education work terms successfully completed at a British Columbia post secondary institution will be eligible for transfer credit if they meet the following requirements:

- a) the student must be accepted into a Northwest Community College Co-op program;
- b) the program in which the work term was undertaken is provincially approved under the Co-operative Education Fund of British Columbia;
- c) the work term is officially recognized (noted on transcript) by the institution where the work term originated;
- d) the work term was granted for experience in the same discipline into which the student is transferring.

Regardless of the number of work terms accepted, students will be required to complete at least 50% of the required work terms in the new program into which they are transferring. Acceptance into a Co-op program at one institution does not guarantee acceptance in a NWCC Co-op program. Application for the transfer of work terms must be made to the Registrar prior to undertaking any additional work terms at NWCC.

To graduate from a Co-op program and receive a Co-op designation on a diploma, a Co-op student must receive credit for all required courses and at least two Co-op work terms.

Students registered in a work term are considered to be registered full time students of the college.

Co-operative Education is currently offered in the *Business Administration*, and *Natural Resources* programs. Co-operative Education may not be offered at every College centre each year.

COUNSELLING (Personal)

Students who are experiencing personal difficulties can access community counselling services by contacting the Educational Advisor, an instructor, or a Centre Director. Students who request this service are assured that their request will be kept confidential and that the service will be provided in confidence. This service is generally available off-campus weekdays. Where necessary, arrangements can usually be made for evening or on-campus appointments.

DAYCARE

Daycare is available at the Terrace campus and offers two separate programs for children. The first group, 18 months to 3 years of age is an inclusive group setting handling a maximum of 12 children. The second group, 30 months to 5 years of age is an inclusive group setting handling a maximum of 20 children. If you wish further information on Daycare, contact the Daycare Supervisor, at the Terrace campus.

DISABILITY SUPPORT SERVICES

A range of services and/or equipment are available to enable students with disabilities to pursue their education. *If you require any of these services please contact the Coordinator of Services for Students with Disabilities at least eight weeks before the start of classes.*

Services include:

Accommodations

At the Terrace centre there are male/female dorms equipped for students with a physical disability. In all other centres you may obtain advice on accommodation from the Educational Advisor.

Equipment

A wide range of equipment is available for students to use. Examples of equipment which can be borrowed include Keyguards, therapeutic chairs, back support cushions, touch talker computer, braille, MPrint, amplified headphones, TV decoder, unicorn membrane board, variable speed 4 track recorder, FM listening device, talking calculator and a Porta Cap.

The Ministry has made available to all colleges with its Adult Services Pilot Project (S.E.T.B.C.) initiative a resource bank of adaptive equipment and software. This initiative has expanded N.W.C.C.'s ability to further address the needs of students with disabilities.

Student Assistants

Student Assistants can be hired to provide help to students with disabilities in a number of ways. Examples of assistance include mobility assistance, tutoring, library research, notetaking and typing.

Orientation and Pre-registration Assistance

Individualized orientation sessions and pre-registration assistance are available for students with disabilities.

Physical Accessibility

The College is working towards improving the level of physical accessibility at each of its locations. Each campus has designated handicapped parking spaces and washrooms are equipped with grab bars.

Program Support

Program support items available include: Exam adaptations (oral, taped, extended time, etc.), NCR paper (non carbon required paper), tapes/tape recorders, photocopy pass for lectures notes, talking books, interpreters, mobility assistance and tutors.

FINANCIAL AID

You may wish to contact the Educational Advisor in any of the college centres if you have questions about financing your education. See the "Financial Aid Sources" section for a more complete description of financial assistance.

FIRST NATIONS STUDENT ACCESS

First Nations Student Access Co-ordinators provide consultation regarding personal and educational matters to First Nations Students. Students are able to access services and resources both on and off campus. Co-ordinators provide general information regarding College programs and registration procedures to prospective students. Co-ordinators also act as a liaison between instructors and Band education officers, work in conjunction with the First Nations Council for NWCC and facilitate cultural awareness activities and special events.

FOOD SERVICES

A large pleasant cafeteria is located at our Terrace campus offering light meals, salads, desserts and appetizing entrees. The cafeteria is open Monday to Friday, September through May. Hot and cold beverages and snacks are available through vending machines. Estimates suggest the average student spends \$325 to \$375 per month on food.

Food services are not available at other campuses.

HOUSING

The Terrace campus offers comfortable, convenient accommodation for up to 160 full-time students. There are five (5) two story complexes with laundry facilities, cable TV, common lounge areas, pay phones and washroom facilities on

each floor. Most rooms are designed for double occupancy. Students are advised to apply IN ADVANCE to the Residence Office. In all other campuses you may obtain accommodation information from the Educational Advisor. It is the student's responsibility to determine the suitability of any accommodation.

Further information on rates and availability can be obtained by contacting the Residence Office, Northwest Community College, 5331 McConnell Avenue, Terrace, B.C. V8G 4X2.

LIBRARY/LEARNING RESOURCE CENTRE

The Library (LRC) makes available and accessible, a wide range of services and resources, **free of charge** to all college students, staff and faculty, as well as the general college community.

The role of the LRC is to support the teaching, curriculum development, and learning processes of the College community, to instruct members of that community on how to find information, and to encourage lifelong learning.

* *Online catalogue access is available from every campus LRC or from home through a PC and a modem:*

Datapac: 65100028
or
Internet: NORADM.NWCC.BC.CA

Username: NWCAT

* *Reference and research assistance is available by phone at your nearest campus LRC, in person at Terrace or Prince Rupert campus, or long distance at (250) 638-5407.*

* *Library cards are available "free of charge" at all LRCs. To borrow materials, you must have a current library card with no outstanding fines or overdue materials.*

Loan Periods:

Books, government documents	3 weeks
Videos	2 days
Periodicals, Reference books	Do Not Circulate

Overdue fines:

Books, government documents	\$.25/item/day
Videos	\$.50/video/day
Reserves	\$.25/item/hour

* Other services available through the Learning Resource Centre include:

Photocopier	\$.10/page
Fax	\$ 1.00/page
A/V supplies	
Transparencies for overheads	\$.50/sheet
Blank video cassettes	\$5.00/each
Blank audio cassettes	\$1.00/each
Used Books	\$1.00/book
A/V Equipment rentals	\$10.00/item
Internet Access	FREE! (in the LRC)

PERSONAL MEDICAL INSURANCE

It is the responsibility of each student to ensure that he or she is adequately covered under one of the available Medical Insurance Programs in British Columbia. The College cannot be held responsible for medical or hospital costs incurred by students who have failed to maintain their own coverage. Information and application forms for medical insurance are available through each College Centre. Students in some vocational programs are covered for certain benefits under the College's Workers Compensation coverage. This benefit is limited to rehabilitation costs and does not cover hospital and medical costs that would otherwise be covered by a provincial medical plan.

RECREATIONAL ACTIVITIES

Student participation and organization play a major role in the activities that take place at each centre. Students are encouraged to share their experience and expertise in these areas, and are invited to come forward with their suggestions for recreational programs and events. All expenses are paid by your Students' Association to an extent depending on the event or program. At the Terrace campus there is the Racquet & Fitness Centre. All are welcome to come and check out the facilities. Offered here are squash and racquetball courts, weights, exercise equipment and much more, with a special rate given to students. Also, a soccer/football field and a softball diamond are available for use. Equipment is available at the centre. Skiing is also a part of the recreational activities located near most of the centres. Anyone interested in organizing any event or wanting information on events happening should contact their Student Association representative.

STUDENT COMPLAINTS OF DISCRIMINATION OR HARASSMENT

Northwest Community College is committed to providing a learning and working environment which is free from all harassment and discrimination. Students who feel that they are experiencing discrimination or harassment for any reason should begin by discussing the matter with any designated member of the student support team, or the campus administrator at their campus. The situation will be reviewed confidentially, according to the College policy and procedures and the complainant will be provided with information and advice on procedures and option available.

STUDENT SUCCESS

If your academic performance at Northwest Community College is not what you'd like it to be, and you want to do something to change that, there's help available. Student Success Co-ordinators at every campus arrange activities designed to help make your experience at the college a successful one. Some of the services at your campus may include free tutoring, workshops on study skills, individual study skills advising, orientation activities and more. To get the details, contact the Student Success Co-ordinator at your campus.

STUDENT SUPPORT SPECIALIST

The Student Support Specialist offers assessment, support, and referral to students with problems that may not be directly related to their school work, but can interfere with their attendance or success in their classes. This is a confidential service. Community counselling services can also be accessed.

WORKERS' COMPENSATION BOARD COVERAGE

Workers' Compensation Board (WCB) coverage is in place for all students while participating in a required practicum at a recognized work site and during classroom/lab/shop instruction for student apprentices only.

Programs

- * *Adult Special Education*
- * *Applied Computers Technology*
- * *Applied Technology*
- * *Automotive Repair Technician*
- * *Business Administration*
- * *Career & College Prep*
- * *Carpentry*
- * *Commercial Transport Repair Mechanic*
- * *Community Resource Worker*
- * *Early Childhood Education*
 - *Preschool Aide Training (P.A.T.)*
- * *English as a Second Language*
 - *Summer Intensive Program (NEW)*
- * *Heavy Duty Mechanics Training*
 - *Entry Level*
- * *Industrial Mechanic (Millwright)*
 - *Co-operative Model*
- * *Industrial Mechanic (Millwright)*
 - *Entry Level*
- * *Integrated Human Service*
 - *Addictions Option*
 - *Mental Health Option*
 - *Special Education Assistant Option*
 - *Social Service Worker Option*
 - *Youth Option*
- * *Marine Studies*
- * *Natural Resources*
- * *Office Administration*
- * *Professional Cook Training*
- * *Resident Care-Home Support Worker*
- * *University Credit*
- * *Welding*
- * *Wilderness Guiding Skills*

ADULT SPECIAL EDUCATION

(Terrace Campus)

Northwest Community College hopes to meet the challenge of providing accessible education by offering innovative courses.

Adults with special education needs can acquire basic knowledge leading to fuller participation in the community.

The Adult Special Education Department offers the following courses, depending on demand:

Employment Skills Training

The Employment Skills Training program is intended to prepare a student to be work ready. The aptitudes of students will be explored. Objectives of the program include developing good work habits, increasing awareness of work site expectations and to provide on-the-job experience. The program starts in September and early application is preferred.

Early application assistance is available by appointment in June.

Pre-School Aid Training (P.A.T.)**

Students interested in enrolling in the P.A.T. program must first take the nine month Employment Skills Training course. Students admitted to the P.A.T. program will:

- Demonstrate an interest and aptitude for working with young children.
- Demonstrate a commitment to Early Childhood Education
- Become orientated to the P.A.T. program
- Develop study skills
- Confirm career goals.

See Early Childhood Education for a detailed program description.

Basic Literacy/Functional Literacy (Part-time)

A course which helps students to develop their academic skills. The course starts in September and students can start at any time. Spaces are limited.

Special Interest Courses

Part-time programs intended to provide students with the opportunity to improve their lifeskills. Examples of programs which may be presented include cooking, living in an apartment, health issues, assertiveness and getting along with others. Topics for courses are based on suggestions from the community.

For more information please contact the Special Education Coordinator (located in Terrace) or the Educational Advisor at your nearest College campus.

APPLIED COMPUTERS TECHNOLOGY

(Terrace Campus)

Today, computer skills are required for any field of employment. How successful a person will be in finding or creating employment is directly related to their knowledge of technology. The Applied Computers certificate is designed to provide the student with computer skills and computer knowledge in order to become competitive in today's job market.

The certificate gives the computer skills and training which enable the student to be employable on their own merit or complement existing and future job skills. Students can transfer much of their work at NWCC towards a diploma or degree in computing science at other institutions. (Partnership agreements are in the process of being developed with other institutions.) Some credits earned in this program are applicable towards a NWCC certificate or diploma in Business Administration.

NWCC is planning a diploma year to the Applied Computers Technology program. Interested students are encouraged to contact the program coordinator for more information.

COMPUTER FACILITIES

- 22 work station Windows NT lab with Pentium 133 MHz 16 MB RAM
- 18 work station Novell Networked lab with a combination of Pentium and 486 DX 66 MHz workstations each with 20 MB RAM
- 18 workstation MAC system 7.5 (ethernet)
- 3 Pentium 133 MHz 16 MB RAM computers with Internet access in the Library
- Dedicated lab space and computers for hardware and network projects
- All networked labs have Internet access

HOW TO APPLY

Applications are available from the College and should be submitted as early as possible, preferably in the Spring. All learners are encouraged to talk with an Educational Advisor before applying to the College.

DATES AND LOCATION

This program is available at the Terrace Campus and starts the day following Labour Day in September.

FEES

Please see the General Information section.

FINANCIAL AID AND SPONSORSHIP

Please see the Financial Aid Sources section.

ADMISSION REQUIREMENTS

1. English 12 or English 045 or 050 or satisfactory performance on the program's English assessment; and
2. A minimum of C+ in either Math 11 or Math 040. Those students electing to take CPSC 121 and CPSC 122 must have Math 12 or permission of the instructor.

NOTE:

If you are planning to continue your studies to complete a diploma or degree, you most likely will require Math 12 and English 12.

Be sure to contact the Program Co-ordinator or the Educational Advisor for more information if you plan on continuing your studies beyond NWCC.

PROGRAM OUTLINE

Students take a selection of courses from Trades, Business and University Credit. The certificate requires 9 months of study, two full semesters from September to April and a 120 hour practicum placement in May.

Students should contact the Program Co-ordinator if they have any questions about course selection.

NOTE:

Students must complete either CPSC 121 or ACPT 186 to qualify for the certificate. It is strongly recommended that students take CPSC 121 first term & CPSC 122 as the second term elective.

Fall Term (September - December)

- | | |
|---------------|--|
| ACCT 150-3 | Fundamentals of Financial Accounting I |
| ACPT 100 - 4 | Introduction to Operating Systems |
| CPSC 111 -3 | Introduction to Computer Applications |
| ENGL 151 - 3 | Technical Writing I |
| MATH 150 - 3 | Mathematics of Finance |
| OADM 200 - .5 | Keyboarding I |
| OADM 205 - .5 | Keyboarding II |
| TCOM 101 -4 | Introduction to Computer Hardware |
| CPSC 121 - 3 | Programming in Pascal |
| OR | |
| ACPT 186 - 3 | Computing Modules I (see * below) |

Winter Term (January - April)
 ACCT 151-3 Fundamentals of Financial Accounting II
 CPSC 122-3 Data Structures & Algorithms
*(if CPSC 121 was taken in the Fall;
 or, Approved elective)*
 TCOM 111-4 Introduction to GIS
 TCOM 121-6 Introduction to Networking
 TCOM 171-2 Introduction to CAD I
 TCOM 172-3 CAD II
 **Approved Electives - listed below (3 credits)

Practicum (May)
 ACPT 199-3 Practicum

* Credit may be granted for ACPT 186 and CPSC 121
 ** List of approved electives (3 credits)

CPSC 122-3 Data Structures and Algorithms (strongly recommended, must have taken CPSC 121 first term-see University Credit section.)

Any 3 credit course from the Business Administration Program
 Any 3 credit University Credit course (Geography or Statistics recommended.)

NRES 120 (Cartography- see Natural Resources) or Math 161 if the student has no credit for Math 12.

NOTE:

The elective can be taken in the first term if the student is exempt or has transfer credit for other first term courses.

COURSE DESCRIPTIONS

ACCT 150-3.0: Fundamentals of Financial Accounting I
 See Business Administration section for course description.

ACCT 151-3.0: Fundamentals of Financial Accounting II
 See Business Administration section for course description.

ACPT 100-4.0: Introduction to Operating Systems
 This course provides an introduction to the basics of operating systems; structures and services as well as the use of popular operating systems and operating environments. Lecture topics to be discussed include: Processor management, Process management, Concurrent processing, Memory management, Device management, File management, System management and utilities. Emphasis will be placed on laboratory work which will give special attention to the use of DOS 6.22, Windows 3.1x, Windows 95, Mac, OS 2 and UNIX (using LINUX).

ACPT 199-3.0: Practicum
 The practicum is an opportunity for the students to apply their

computer skills and knowledge developed in the course work to the work environment. The duration of the practicum is 120 hours which is offered in May. The Coordinator will locate practicum sites for the eligible students although students are welcome to pursue their interests and find their own placements. The placement is chosen and learning outcomes assigned in consultation with the Student, Supervisor and Co-ordinator. Pre-requisite: Complete at least 8 of the required Applied Computers Certificate courses (including TCOM 101 and TCOM 121) with at least a 'C' average.

CPSC 111-3.0: Introduction to Computer Applications
 See University Credit section for course description.

CPSC 121-3.0: Programming in Pascal
 See University Credit section for course description.

CPSC 122-3.0: Data Structures and Algorithms
 See University Credit section for course description.

ACPT 186-3.0: Computing Modules I
 The course is divided into three modules:

1. *Introduction to Structured Programming module* introduces programming using QBASIC. Programming assignments will require the use of the three control structures and various modes of programming input and output (keyboard, file, monitor).
2. *Internet module* will introduce: browsers, Internet addresses, search engines and web page creation and maintenance using HTML.
3. *Advanced Productivity Tools module* uses MS Office, with a concentration on Excel & Word. Students will be involved in writing BASIC functions and procedures in EXCEL, Word BASIC macros, customization of the Word 6 interface, data analysis tools Object Linking and Embedding (OLE) and other advanced topics.

This course is a combination of lectures and lab work with emphasis placed on lab work.

ENGL 151-3.0: Technical Writing I
 See University Credit section for course description.

MATH 150-3.0: Mathematics of Finance
 See Business Administration section for course description.

MATH 161-4.0: Applied Math
 See Natural Resources section for course description.

OADM 200-0.5: Keyboarding I
 See Office Administration section for course description.

OADM 205-0.5: Keyboarding II
 See Office Administration section for course description.

NRES 120-3.0: Cartography
 See Natural Resources section for course description.

TCOM 101-4.0: Introduction to Computer Hardware
 This course provides students with an introduction to micro-computer hardware with the emphasis on the installation and operation of components that compose a modern personal computer; such as, motherboard, disk drives, printers, plotters monitors and modem.

TCOM 111-4.0: Introduction to GIS
 This course provides an introduction to the concepts of geographical information systems (GIS) through the use of a commercial package such as ArcView. Emphasis will be placed upon spatial concepts associated with a large databases.

TCOM 121-6.0: Introduction to Networking
 This course provides students with an introduction to computer networks from the perspectives of user and network administrator. The student will be able to demonstrate familiarity with many of the hardware and software features that are common in Local Area Networks.

TCOM 171-2.0: Introduction to CAD I
 This first course of CAD is designed for the novice user. It will introduce basic drawing fundamentals using AutoCAD LT Release 2 for Windows and enable the student to create, edit and plot two dimensional CAD drawings to industry standards. AutoCAD LT has the basic capabilities of the full version of AutoCAD Release 12 but with a simplified interface.

TCOM 172-3.0: CAD II
 The second level of CAD is a continuation of CAD Level 1 with a focus on increasing productivity by customizing the AutoCAD environment. On completion of this course the student will have developed the confidence required to generate, detail and plot a three dimensional drawing.

APPLIED TECHNOLOGY

(Kitimat Campus)

The Applied Technology program is a one year certificate program offered at the Kitimat Campus of Northwest Community College.

Rapid technological change and flexibility are the hallmarks of today's lifestyle. This program is designed to provide students with the necessary skills to be adaptable and successful in any technological setting. The following description of a technologist was taken from the National Standards for Applied Science and Engineering Technologists.

"The technologist approaches the solution of problems in applied science and technology with a comprehensive understanding of a specific field of technology. The technologist evaluates assignments, establishes objectives, defines problems, and decides upon procedures and actions for their accomplishment or resolution."

The purpose of the Applied Technology program is to provide students with the generic competencies needed by a technologist entering any specialized area. These competencies are in the following areas:

- communications
- mathematics
- computer studies
- management principles
- physical science
- applied research techniques
- environment, ethics and society

ADMISSION REQUIREMENTS

1. Mathematics 11 and English 12 and Science 10 or
2. Math 040 and English 045 or 050 and Science 030.
3. Students having industry experience and equivalent skills may be admitted without the formal requirements through assessment.

Note:

Students planning to continue their studies in technology should be aware that, Grade 12 graduation, including Mathematics 11 may be required.

HOW TO APPLY

Applications are available from the College and should be submitted as early as possible, preferably in the Spring. All learners are encouraged to talk with an Educational Advisor before applying to the College.

DATES AND LOCATION

This program is available at the Kitimat Campus and starts the day following Labour Day in September.

FEES

Please see the General Information section.

FINANCIAL AID AND SPONSORSHIP

Please see the Financial Aid Sources section.

PRIOR LEARNING ASSESSMENT (PLA)

Selected courses in the Applied Technology program may be credited to a student following the College PLA procedure policy. Please see the Educational Advisor if you feel you have prior learning which could possibly meet the outcomes of a course(s) in this program.

PROGRAM OUTLINE

Semester One

BCPT 150-3	Business Computers
BENG 150-3	Business Communications
INDT 101-3	Math for Technicians I
INDT 102-3	Math for Technicians II
INDT 121-4	Applied Electronics
INDT 151-4	Applied Chemistry

Semester Two

ACPT 186-3	Computing Modules I
INDT 131-4	Applied Physics
INDT 141-3	Drafting/CAD
INDT 230-3	Environmental Science
INDT 240-3	Calculus for Technicians
MGMT 251-3	Organizational Behavior

COURSE DESCRIPTIONS

ACPT 186-3.0: Computing Modules I

See Applied Computers Technology section for course description.

BENG 150-3.0: Business Communications

See Business Administration section for course description.

BCPT 150-3.0: Business Computers

See Business Administration section for course description.

INDT 101-3.0: Math for Technicians I

This course provides students with the algebraic and trigonometric skills necessary to work in a technical environment or to pursue further training in a technical field. Emphasis is placed on thorough, uncomplicated discussions of math concepts supported by numerous examples and practice problems as they pertain to real-world applications. Prerequisite: Math 11 or Math 040.

INDT 102-3.0: Math for Technicians II

This course provides further algebraic and trigonometric skills necessary for technical environments. Prerequisite: INDT 101 or permission of instructor.

INDT 121-4.0: Applied Electronics

This course is an introduction to DC and AC circuits. Theories will be illustrated through laboratory experiments; proper electrical safety procedures will be demonstrated and instruction will be given on the use of electrical measurements instruments.

INDT 131-4.0: Applied Physics

This course is an introductory physics course aimed at students majoring in technical fields. An integrated laboratory component enhances the concepts presented in class. Course content includes Newton's Three Laws of motion, friction, work, energy, power and efficiency, wave theory and sound, temperature scales and heat, expansion solids and liquids; calorimetry and heat transfer. Prerequisite: INDT 101, 102 or permission of the instructor.

INDT 141-3.0: Drafting/CAD

This course will give the student an introduction to drafting, enabling them to read and understand drawings. Emphasis will be placed on the use of CADD drafting using AutoCAD LT.

INDT 151-4.0: Applied Chemistry

This is an introductory chemistry course which is designed to orientate students to the chemical concepts which are often encountered in industrial or technical settings. Integrated laboratory components will be used to emphasize major concepts as well as to instill some workplace skills.

INDT 230-3.0: Environmental Science

This is an introductory course to study the underlying principles of interaction between humans and the environment. Emphasis is place on integrating regional examples and case studies industries. The course aims to stimulate in students, awareness of the need for all industries, resource based or not, to instill in all their workers environmental consciousness. Prerequisite: INDT 151 or permission of the instructor.

INDT 240-3.0: Calculus for Technicians

This is an introductory calculus course designed to introduce students majoring in technical fields to the basic concepts and uses of calculus. Introduction to the underlying concepts of calculus, derivatives and integrals as well as their respective applications will be the focus of the course. Prerequisite: INDT 102.

MGMT 251-3.0: Organizational Behavior

See Business Administration section for course description.

**AUTOMOTIVE REPAIR
TECHNICIAN**

*(Terrace Campus)
8 - 9 months to complete*

NWCC
ENTRY LEVEL TRADES CERTIFICATE
in
AUTOMOTIVE REPAIR
TECHNICIAN

(Could be granted 1 year on an apprenticeship!)



THREE YEARS OF APPRENTICESHIP

Includes...

ANNUAL TECHNICAL TRAINING PERIODS
AT A TRADES TRAINING FACILITY
AND
ON-THE-JOB TRAINING WITH A
JOURNEYED TRADES PERSON
(Learning while earning!)



COMPLETE THE REQUIREMENTS OF YOUR
APPRENTICESHIP
and
write the
INTER-PROVINCIAL
CERTIFICATION EXAMINATION
to become
a
CERTIFIED JOURNEYED TRADES PERSON!

Graduates of this program could find employment as Apprentices and helpers in repair shops or service stations, or in complex service departments of the Automotive Sales and Service Industry.

This Certificate Program is designed to:

- Be equivalent to the first year of apprenticeship technical training in the Automotive and Recreation Vehicle Repair Trades (Ministry of Labour Standards).
- Prepare learners for entry level skilled employment.
- Provide a foundation for career advancement and specialization.
- Give access and advanced standing to secondary school graduates of High School Apprenticeships, Career Preparation programs, and Learners with Prior Learning and relevant experience.

ADMISSION REQUIREMENTS

1. Grade 10 or G.E.D. or CCP (ABE) Intermediate Level Math and English, and
2. Successful completion of a Northwest Community College assessment.
3. Learners who have significant and relevant prior experience may be admitted based on an interview with the Course Instructor and the Program Administrator.

NOTE:

Learners should be aware that many employers require Grade 12 completion.

FEES

1. Tuition as described in the general information section.
2. C.S.A. approved safety footwear (W.C.B. regulations).
3. Refundable tool deposit of \$50.
4. Coverall fees of \$2.50/week.
5. Purchase of necessary learning resources (available at College Bookstore).

NOTE:

We encourage Trades learners to enhance their employability by enrolling in Level I First Aid. First Aid courses are scheduled throughout the year. (See Continuing Education Extension Offerings section.)

Learners are required to provide...

Pencils, pens, eraser, ruler, 3 or 4 three ring binders, paper (lined & unlined), scientific calculator, geometry set, gloves and 3-3 1/4" computer disks.

START DATE

Programs are offered from September to June. Learners may enroll at any time and are admitted as space permits.

PROGRAM OUTLINE

Introduction to Trades

Topics included in the Workshop Orientation and Handskills section of the certificate are:

- Learning Success
- Applied Math
- Safe Work Practices
- Use Hand, Measurement & Power Tools
- Use Shop Equipment
- Introduction to Computers
- Read & Interpret Drawings
- Lift Loads
- Technical Communications
- Scaffolds & Ladders
- Fasteners & Fittings
- Describe Trades Occupations
- Workplace Skills
- Oxy-acetylene Cutting, Welding & Brazing

Automotive Technician

- Use Safe Work Practices
- Service Wheels, Hubs, Tires & Bearings
- Service Frames & Suspension Systems
- Test and Service Manual & Power Steering Systems
- Test & Service Brake Systems
- Perform Routine Maintenance & Diagnostics
- Test & Service Electrical Systems

BUSINESS ADMINISTRATION

(Prince Rupert & Terrace Campuses)

The Business Administration program at Northwest Community College uses innovative, creative and flexible techniques to provide students with a knowledge of management practice and appropriate administrative skills, techniques and methods from a number of perspectives.

To ensure students have the technical skills to enter the business world, the Northwest Community College Business Administration program integrates hands-on computer based applications into most courses.

Specifically the program will provide students with:

- Microcomputer skills, by incorporating hands-on micro-computer skills required to analyze, interpret, and problem-solve from a number of different business perspectives.
- An opportunity to obtain related work experience through the cooperative education program.
- The ability to use written and oral communication skills effectively within a business environment.
- An understanding of the impact of external economic factors on productivity and profitability of individual firms in a variety of competitive environments.
- The ability to apply problem solving and critical thinking skills in a business environment.
- A background in quantitative courses which meets the articulation standards of the professional accounting bodies and other professional program requirements.
- The ability to integrate knowledge from business foundation courses into the remainder of the program.
- The Business Administration program is two years long and successful students earn a diploma. Students who complete the first year will receive a certificate in Business Administration.

Diploma in Business Administration

Graduates of the program will be prepared for positions in a wide variety of organizations in the public and private sector. Students all take a common first year and can specialize in either general management, or accounting in the second year.

Students can enroll in the 4th level of the CGA (Certified General Accountants) or CMA (Certified Management Accountants) programs. In addition, courses articulate with PMAC (Purchasing Management Association of Canada), CIB (Canadian Institute of Bankers), CCUI (Canadian Credit Union Institute), CA (Chartered Accountants) and Municipal Officers Association of British Columbia.

While many courses are transferable to universities and colleges as outlined in the Transfer Guide section of this calendar, block transfer arrangements are also in place with UNBC (University of Northern B.C.), UCFV (University College of the Fraser Valley) and the Open University. These arrangements allow graduates of the two year diploma to continue into the third year of a Bachelor of Commerce program. Students may write the CMA Management Accounting II exam and, if successful, will obtain the Accounting Technologist Diploma.

PROGRAM LOCATIONS

The two year program is available at the Prince Rupert and Terrace campuses. Check with either of these campuses regarding specific course availability.

CO-OPERATIVE EDUCATION - Optional

The Co-operative Education option may be available to full time students in the Business Administration program in some College centres. Please see the Co-operative Education description in the section "Services Available to Students" for further information.

The schedule of academic semesters and Co-op work terms are subject to change. Please check with the campus you are planning to register for up-dated schedule information.

Year I - Terrace & Prince Rupert

Sept - Dec	Academic Semester I
Jan - Apr	Academic Semester II
May - Aug	Work Term I

Year II - Terrace

Sept - Dec	Academic Semester III
Jan - Apr	Work Term II
May - Aug	Academic Semester IV

Year II - Prince Rupert

Sept - Dec	Academic Semester III
Jan - Aug	Work Term II
Sept - Dec	Academic Semester IV

ADMISSION REQUIREMENTS

1. Grade 12 with English 12 and Math 11; *or*
2. English 045 *or* 050, and Math 040, 041 *or* 045.
3. Students having business experience and equivalent skills may be admitted without the formal requirements; however, a skills assessment test will be required.

NOTE:

Students planning to either transfer to university or enter into professional accounting programs should have Math 12. All Bachelor of Commerce programs in B.C. have a Calculus requirement.

HOW TO APPLY

Applications are available from any of our College centres. Prospective students are encouraged to apply as early in the Spring as possible.

PROGRAM STARTING DATES

Starts the day following Labour Day in September.

FEES

Please see the General Information section.

FINANCIAL AID AND SPONSORSHIP

Please see the Financial Aid Sources section.

TRANSFER CREDIT TO OTHER INSTITUTIONS AND PROFESSIONAL ORGANIZATIONS

A listing of established equivalencies can be found in the "Transfer Credit Section" of this calendar.

Please note that transfer credit may change as institutions adjust their offerings. Therefore, students are encouraged to obtain written confirmation of current transfer credit from the institution or organization to which they plan to transfer.

DIPLOMA IN BUSINESS ADMINISTRATION

First year includes the following courses:

ACCT 150-3	Fundamentals of Financial Accounting I
ACCT 151-3	Fundamentals of Financial Accounting II
BADM 170-6	Co-op Work Term I (Optional)
BCPT 150-3	Business Computers
BCPT 154-2	Computerized Accounting System
BENG 150-3	Business Communications
BLAW 152-4	Canadian Business Law
COOP 100-2	Coop Work Orientation (Optional)
ECON 150-3	Micro Economics
ECON 151-3	Macro Economics
MARK 150-3	Introduction to Marketing
MATH 150-3	Mathematics of Finance
MATH 151-3	Statistics
MGMT 150-3	Introduction to Management

Second year common courses:

ACCT 252-3	Cost Accounting I
ACCT 253-3	Cost Accounting II
BADM 270-6	Coop Work Term II (Optional)
BFIN 250-3	Business Finance I
BFIN 251-3	Business Finance II
BSIM 250-3	Business Management Simulation
MGMT 251-3	Organizational Behaviour

Students will choose six electives from the following courses: (Note: not all courses will be available at all campuses.)

ACCT 250-3	Inter Financial Accounting I
ACCT 251-3	Inter Financial Accounting II
ACCT 254-3	Auditing
BCPT 250-3	Accounting Information Systems
BPOL 250-3	Business Policy
MARK 251-3	Advertising
MARK 252-3	Tourism Marketing
MARK 253-3	Effective Selling
MGMT 252-3	Credit and Collections
MGMT 201-3	How to Start a Business
MGMT 253-3	Labour Relations
MGMT 255-3	Human Resource Management
MGMT 260-3	Applied Management Studies
TAXN 250-3	Income Tax

The following Diploma Level courses will be offered.

Terrace Campus	Prince Rupert Campus
ACCT 250	BPOL 250
ACCT 251	MGMT 252
ACCT 254	MGMT 201
BCPT 250	MARK 251
MGMT 252	MARK 253
TAXN 250	MGMT 255

Other courses may be offered in Prince Rupert and Terrace on a cost recovery basis if demand warrants.

Several courses are common to Business Administration and University Credit programs. Please check with the Business Administration department regarding credit arrangements.

COURSE DESCRIPTIONS

Accounting 150-3.0:

Fundamentals of Financial Accounting I

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

Accounting 151-3.0:

Fundamentals of Financial Accounting II

Concerned with interpretation of income measurement and valuation problems with regard to sources and uses of invested capital. Preparation of financial statements for the various types of business operations, and introduction to financial reporting analysis and interpretation for management purposes. Preparation of payroll records. Prerequisite: ACCT 150.

Accounting 250-3.0: Intermediate Financial Accounting

Emphasis is on theory and concepts and analysis of problems that arise in the application to financial accounting. The majority of the course will analyze current monetary assets, inventories and current liabilities. The time value of money, price level changes and financial statement preparation are included. Prerequisite: ACCT 151 and Math 150 or permission of instructor.

Accounting 251-3.0:

Intermediate Financial Accounting II

The analysis of valuation and cost allocation issues with regard to long-term investments, plant and equipment acquisition and retirement, intangible assets, and the reporting of long-term liabilities are included. Study of the Shareholder Equity section - types of shares, dividends, stock rights, warrants, preparation of Statement of Sources and Uses of Funds and an analysis and interpretation of accounting reports will be studied. Accounting for income taxes, pensions and leases will be considered. Prerequisite: ACCT 250.

Accounting 252-3.0: Cost Accounting I

Cost accounting as applicable to manufacturing and non-manufacturing sectors is discussed. Specific areas of study include: job order costing and analysis, costing procedures, cost-volume-profit analysis, budget preparation, standard cost systems, variance analysis, and cost analysis for managerial decision making. Prerequisite: ACCT 151 and Math 150 or by permission of instructor.

Accounting 253-3.0: Cost Accounting II

This course investigates a number of significant topics in cost accounting, including transfer pricing, divisional performance evaluation, accounting for joint products and by-products, inventory accounting for spoilage and scrap, process and variable costing, and how to apply Cost Accounting techniques in the not-for-profit sector of business. Prerequisite: ACCT 252.

Accounting 254-3.0: Auditing

Basic internal auditing procedures plus internal control features are covered. Audit program, statutory audits, the audit routine is applied to cash, inventory, accounts receivable, sales, fixed and other assets, accounts payable, purchases, income and other taxes and expenses, specialized audit procedures. Prerequisite: ACCT 151.

BADM 170-6.0 Coop Work Term I

BADM 270-6.0: Coop Work Term II

Business Computing 150-3.0: Business Computers

A survey of computer uses in business today. Description of computers and how they work, their capabilities and limitations, discussion of peripherals. Lab work will involve hands-on exposure to spreadsheets, word processing and data management software applications.

Business Computing 154-2.0:

Computerized Accounting Systems

A hands-on application course which introduces business students to computerized accounting and advanced spreadsheet software applications. Prerequisite: BCPT 150, and ACCT 101/102 or ACCT. 150.

Business Computing 250-3.0:

Accounting Information Systems

This course highlights the characteristics and design of successful information systems and the impact of these systems on the organizations. The role of information systems in decision making and systems modelling is emphasized. Prerequisite: BCPT 150.

Business English 150-3.0: Business Communications

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

Business Finance 250-3.0: Business Finance I

An introduction to the study of the finance function within a corporation. The development of short-term financing and capital management techniques will be studied. Exposure to security analysis, Canadian financial institutions and markets, and financial management tools will be gained. Prerequisite: ACCT 151, MATH 150 and MATH 151.

Business Finance 251-3.0: Business Finance II

An in-depth study of the corporate financial function. Decision-making techniques within varying conditions and the theoretical framework will be explored: capital budgeting under certainty and uncertainty, cost of capital, capital structure, dividend policy, long-term financing and leasing. Prerequisite: BFIN 250.

Business Law 152-4.0: Canadian Business Law

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

Business Management Simulation 250-3.0:**Business Management Simulation**

This course is intended to provide students with an opportunity to manage a business. Students will work in teams to operate a large industrial company through 4 or 5 simulated years of its business life. Decisions made by the management team will have both immediate and deferred consequences. Your company will be competing against others in your class to simulate a challenging and competitive business environment. Prerequisite: Completion of Year-1, 18 2nd year credits.

Business Policy 250-3.0: Business Policy

The primary objective of this course is to illustrate to the student that success in business is a function of addressing a range of business issues. Through the use of the case approach, and with the development of a strategic management process, students will become skilled at planning for the future, evaluating the effectiveness of the business, developing a strategic action plan, and implementing plans. This course is to be considered the capstone course of the 2-year General Management Option in the Business Administration Diploma program. Prerequisite: Completion of Year-1, plus 18-2nd year credits.

COOP 100-2.0: Coop Work Orientation

This course, in a workshop format, involves students in role plays, seminars and practical assignments that prepare them to

obtain suitable employment. The course provides students with advice on interpersonal skills that will contribute to effectiveness on the job.

Economics 150-3.0: Microeconomics

A career oriented course using a practical approach to the study of the principles of microeconomics. Topics covered will include supply and demand, resource allocation and economic issues.

Economics 151-3.0: Macroeconomics

The course emphasizing the practical approach to the study of aggregate concepts in economics. Topics include national income, money and banking, fiscal policy, monetary policy, inflation, employment, international trade and public policy. Prerequisite: ECON: 150 or permission of instructor.

Management 150-3.0: Introduction to Management

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

Management 201-3.0: How to Start a Small Business

Provides an appreciation of the requirements for success in an entrepreneurial career and an understanding of dynamics of start-up and venture development. The development of a business plan and case analysis of operational situations form the core of this course. Prerequisite: ACCT 150, MARK 150 or permission of instructor.

Management 251-3.0: Organizational Behaviour

An examination of the behaviour of people in organizations and small groups. The focus of our attention will be: communications, motivation, leadership, group processes, structure, organization change, conflict, power and authority. Prerequisite: MGMT 150 or permission of instructor.

Management 252-3.0: Credit and Collections

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

Management 253-3.0: Labour Relations

This course studies the history and present system of trade unionism, collective bargaining, contract interpretation and labour relations law. This course is intended to be practical so the latter half of the course is dedicated to cases and a major

contract negotiation simulation. Prerequisite: MGMT 150 or permission of instructor.

Management 255-3.0: Human Resource Management

The intent of this course is to provide an overview of human resource management in an organizational setting. Specific areas to be addressed include: human behaviour in organizations, personnel planning, job analysis and evaluation, staff recruitment and development, performance evaluation, compensation administration and fringe benefits. Prerequisite: MGMT 150 or permission of instructor.

Management 260-3.0: Applied Management Studies

An integrative course allowing participants to apply business principles and skills to a practical business situation. The course will integrate the varied disciplines in business including accounting and finance, marketing, operations, economics, forecasting and management philosophies through a comprehensive project. Prerequisite: 12 second year credits.

Marketing 150-3.0: Introduction to Marketing

An introduction to marketing principles and management focusing on the problems of the marketing manager in the measurement of marketing opportunities and the allocation of marketing effort. Emphasis is on decision-making in a marketing context.

Marketing 251-3.0: Advertising

The student will gain an understanding of how advertising fits into the marketing milieu: advertising philosophy and purpose, organization of the advertising function; advertising agencies; creative processes; copy, layout media - newspapers, radio, TV, magazine, direct mail, outdoor, public relations; overall strategies and campaigns. Prerequisite: MARK 150.

Marketing 252-3.0: Tourism Marketing

Participants will learn about tourist expectations and the impact of marketing the tourism product. They will gain an appreciation of the concept of pricing and the costs, revenues and profits that are considered when pricing tourism products. They will understand guest service as the key element of success in the tourism enterprise, and the importance of their own role in creating and promoting the service attitude in their daily work with staff and guests. Participants working in non-public-contact roles will appreciate the importance of their support in meeting the operation's service objectives. Prerequisite: MARK 150 or permission of instructor.

Marketing 253-3.0: Effective Selling

This course focuses on the theoretical and practical techniques associated with the selling of goods and services to consumer and industrial markets. Course emphasis will be on applying learned presentation skills and persuasive communication strategies in the person selling process. Prerequisite: MARK 150.

Mathematics 150-3.0: Mathematics of Finance

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

Mathematics 151-3.0: Statistics

A basic statistics course for students who have no prior knowledge of the field. The emphasis of the course is on business applications of statistical methods; but students in other disciplines will find it relevant and useful. Topics include how to describe data, making decisions under uncertainty, analysis of statistical data and making predictions based on statistical data. Prerequisite: MATH 150 or permission of instructor.

Taxation 250-3.0: Income Tax

An introductory course in Canadian income tax covering: the computation of income from employment, from business and from property, including capital gains and losses, as well as capital cost allowances; computation of taxable income for individuals, partnerships and corporations. Prerequisite: ACCT 150.

skills, study skills, introduction to the microcomputer, word processing, oral communication, group discussions and cooperative learning skills. Prerequisites: English 020 or placement at the Intermediate Level.

Math 030: Intermediate Mathematics

The goal of this course is to enable students to acquire mathematical knowledge, skills, and strategies needed to enter higher level courses or to satisfy personal or career goals. Practical applications of skills are stressed. Topics include measurement, integers, ratio and proportion, percents, geometry, statistics, graphing, introduction to algebra, solving equations, applied algebra, co-ordinates and graphing, and trigonometry. Prerequisites: Math 020 or placement at the Intermediate Level.

Math 031: Intermediate Business Math

The goal of this course is to enable students to acquire mathematical knowledge, skills, and strategies needed to enter Office Administration Certificate programs or to satisfy personal goals. Topics include measurement, integers, ratio and proportion, percents, geometry, statistics, graphing, introduction to algebra, solving equations, fundamental business calculations, business applications and the mathematics of investment. Prerequisites: Math 020 or placement at the Intermediate Level.

Math 032: Intermediate Trades Math

The goal of this course is to enable students to acquire mathematical knowledge, skills, and strategies needed to enter trades programs or to satisfy career or personal goals. Topics include measurement, ratio and proportion, percents, geometry, signed numbers, basic algebra, solving equations, charts, tables and graphs, statistics, problem solving and additional material pertaining to specific jobs. Prerequisites: Math 020 or placement at the Intermediate Level.

Science 030: Intermediate Science

This is an entry level science course intended to give students an overview of the main topics in biology, chemistry, physics and earth sciences and to prepare them for further study in the physical sciences. Students will choose from the following topics: science and discovery, human biology, nutrition, the cell, disease, individual disabilities, drugs, introductory chemistry, reactions and equations, pesticides and fertilizers, textiles, simple machines, energy, electricity, introduction to microcomputers, and weather. This course includes a laboratory component. Prerequisites: Math 020 and English 030, or permission of instructor. Corequisite: Math 030, 031 or 032.

Social Sciences 030: Intermediate Social Sciences

The objective of this course is to provide students with a greater understanding of social and political issues on a local, national and international level. Course topics include economics and people, multiculturalism, Canadian law and Canadian government. Prerequisites: English 020 or placement in Intermediate Level English.

ADVANCED LEVEL

Biology 040: Advanced Ecological Biology

This course provides a general introduction to the field of biology. Topics include the methods of science, evolution, classification, the cell, an overview of the major phyla, and ecology. This course includes a laboratory component. Prerequisites: Science 030 and English 030 or permission of instructor.

Chemistry 040: Advanced Chemistry

This is an introductory chemistry course. Major topics include lab safety, measurement and matter, atomic theory, chemical names, compounds, mole concept, chemical reactions and calculations, the periodic table, bonding, gases, solutions, and organic chemistry. This course includes a laboratory component. Prerequisites: Math 030 or equivalent or successful completion of a Math Pre-test. Students without a recent background in Chemistry will be required to complete the Science 030 Chemistry units. Prerequisites: Math 030 and Science 030 and English 030, or permission of instructor.

Computer Studies 040: Advanced Computer Studies

This course provides an introduction to computers. Topics include touch typing, microcomputer care, computer applications using Microsoft Works (word processing, data base management, spreadsheets, graphing, and computer communications), and computer operations. This course includes a laboratory component. Prerequisites: English 030 or permission of instructor.

English 040: Advanced English

Students will develop reading and writing skills to prepare for further university and career courses. The course will focus on essay and report writing using various types of development including cause and effect, process, definition, description, comparison and contrast, narration and research. Reading comprehension, critical analysis of short stories, oral communication skills and oral presentations are also covered. Prerequisites: English 030 or placement at the Advanced Level.

English 045: Advanced English for Careers

This course is designed to prepare students for entry into vocational, career, and technical programs, or for entry directly into the work force. Students will use the writing process to write paragraphs, letters, memos, short reports, and a long formal report. Core skills in critical reading, comprehension, grammar, vocabulary, and oral communication will be developed. Written assignments will be produced using a word processor. Students will participate in the critical analysis of technical reading selections, media articles and oral presentations. Interpersonal and group process skills will also be taught. Pre-requisites: English 030 or placement at the Advanced Level.

Math 040: Advanced Algebra

This course is intended to prepare students to enter Provincial Level Mathematics and to provide students sufficient mathematical knowledge to satisfy grade 11 prerequisites for vocational, career and technical programs. Topics include: solving and graphing equations and inequalities, systems of equations in two variables, polynomials, rational and radical expressions and equations, quadratic equations, relations and functions and trigonometry. Prerequisites: Math 030 or Math 032 or Math 045 or placement at the Advanced Level.

Math 041: Advanced Business Math

This course is for students who require an advanced level (grade 11) business mathematics course. Topics include a review of basic operations, percentages, equations, exponents, simple interest, simple discount, compound interest, periodic payments, investments, insurance and statistics. Prerequisites: Math 030 or Math 031 or placement at the Advanced Level.

Math 045: Advanced Developmental Mathematics

This course could be used to prepare students for Math 040 or for other college programs requiring an advanced level math. Topics include rational numbers, radicals, polynomials, equations, analytical geometry, linear systems of equations, factoring, rational expressions and trigonometry. Prerequisites: Math 030 or Math 031 or Math 032 or placement at the Advanced Level.

Physics 040: Advanced Physics

The objective of this course is to introduce the student to the study of physics. Course topics include kinematics, dynamics, momentum, energy, and electricity. This course includes a laboratory component. Prerequisites: Math 030 and Science 030 and English 030 or permission of instructor. Corequisite: Math 040 or 045.

Social Sciences 040: Advanced Social Sciences

Social Science 040, Canada and the Contemporary World, is the equivalent of the Grade 11 Social Studies and is an elective course for a Provincial diploma. In this course students will examine some of the major global issues of our time including population pressures, food shortages, rapid urbanization, environmental damage, and technological change. Pre-requisite: English 030 or placement at the Advanced English Level.

PROVINCIAL LEVEL

Biology 050: Provincial Human Biology

This is a human biology course intended for students who require a Provincial Level (Grade 12) standing in Biology. The course includes a systematic study of human anatomy and physiology plus a section on cell structure, function, and metabolic processes. This course includes a laboratory component. Prerequisites: Science 030 and English 030, or permission of instructor.

Chemistry 050: Provincial Chemistry

This course is intended for students who require a Provincial Level (grade 12) standing in Chemistry. Topics include reaction kinetics, equilibrium, solubility of ionic substances, acids and bases, and oxidation-reduction equations. This course includes a laboratory component. Prerequisites: Chemistry 040 or permission of instructor. Corequisite: Math 040 or 045.

English 050: Provincial English

This course is intended for students who require a provincial level (grade 12) standing in English. There are two main sections to this course: An Introduction to Canadian Literature and Research Paper Writing. Through a study of Canadian literature, students will learn the major characteristics of short stories, novels, poems and plays and will examine and critically discuss fiction selections. Students will also complete two in-depth research papers. Prerequisites: English 040 or 045 or placement at the Provincial Level.

Geography 050: Provincial Geography

This course involves an overview of both human geography and physical geography. Topics include population, natural resources, geophysical hazards, weathering and erosion, rocks, and weather. Prerequisites: English 030 or placement at the Advanced English Level.

History 050: Provincial History

This course presents a survey of twentieth century world history. The six units of the course focus on World War I, the peace settlement and the peacetime world of the twenties, the Great Depression and other thirties events, World War II, the era of the Cold War, and the Third World. Pre-requisites: English 040 or 045 or placement at the Provincial Level of English.

Math 050: Provincial Math

This course is intended for students who require a Provincial Level (Grade 12) standing in Mathematics. Topics include linear, polynomial, and rational functions, exponential and logarithmic functions, trigonometric functions, triangles and applications, systems of equations in three variables, conic sections, and sequences and series. Prerequisites: Math 040 or placement at the Provincial Level.

Physics 050: Provincial Physics

This course provides students with an understanding of scientific principles and concepts, problem solving skills and laboratory practices necessary at the grade 12 level. Topics include one and two dimensional kinematics, vectors, dynamics, circular motion, wave motion, work, power and energy, linear momentum, rotational motion, magnetism and electricity. Options may include heat, light, AC circuits or modern physics. This course includes a laboratory component. Prerequisites: Physics 040 and Math 040 and English 030 or permission of instructor.

CARPENTRY

(Terrace Campus)

8 - 9 months to complete

NWCC
ENTRY LEVEL TRADES CERTIFICATE
in
CARPENTRY

(Could be granted 1 year on an apprenticeship!)

THREE YEARS OF APPRENTICESHIP

Includes...
ANNUAL TECHNICAL TRAINING PERIODS
AT A TRADES TRAINING FACILITY
AND
ON-THE-JOB TRAINING WITH A
JOURNEYED TRADES PERSON
(Learning while earning!)

COMPLETE THE REQUIREMENTS OF YOUR
APPRENTICESHIP

and
write the
INTER-PROVINCIAL
CERTIFICATION EXAMINATION
to become

a
CERTIFIED JOURNEYED TRADES PERSON!

Graduates of this program have found employment as members of framing crews, roofing, siding or related carpentry construction businesses. Apprenticeships with unions, bands or companies are possible.

This Certificate Program is designed to:

- Be equivalent to the first year of apprenticeship technical training. (Ministry of Labour Standards)
- Prepare learners for entry level skilled employment.
- Provide a foundation for career advancement and specialization.
- Give access and advanced standing to secondary school graduates of High School Apprenticeships, Career Preparation programs, and Learners with Prior Learning and relevant experience.

ADMISSION REQUIREMENTS

1. Grade 10 or G.E.D. or CCP (ABE) Intermediate Level Math and English, and
2. Successful completion of a Northwest Community College assessment.
3. Learners who have significant and relevant prior experience may be admitted based on an interview with the Course Instructor and the Program Administrator.

NOTE:

Learners should be aware that many employers require Grade 12 completion.

FEES

1. Tuition as described in the general information section.
2. C.S.A. approved safety footwear (W.C.B. regulations).
3. Refundable tool deposit of \$50.
4. Purchase of necessary learning resources (available at College Bookstore).

NOTE:

We encourage Trades learners to enhance their employability by enrolling in Level I First Aid. First Aid courses are scheduled throughout the year. (See Continuing Education Extension Offerings section.)

Learners are required to provide...

Pencils, pens, eraser, ruler, three or four ring binders, paper (lined & unlined), scientific calculator, geometry set, gloves and 3-3 1/4" computer disks.

START DATE

Programs are offered from September to June. Learners may enroll at any time and are admitted as space permits.

PROGRAM OUTLINE

Introduction to Trades

Topics included in the Workshop Orientation and Handskills section of the certificate are:

- Learning Success
- Applied Math
- Safe Work Practices
- Use Hand, Measurement & Power Tools
- Use Shop Equipment
- Introduction to Computers
- Read & Interpret Drawings
- Lift Loads
- Technical Communications
- Scaffolds & Ladders
- Fasteners & Fittings
- Describe Trades Occupations
- Workplace Skills
- Oxy-acetylene Cutting, Welding & Brazing

Carpentry Specialty

- Learning Success
- Safe Work Practices
- Read & Interpret Drawings
- Construct Woodworking Joints
- Stair Construction
- Basic Cabinet Work
- Layout Buildings & Sites
- Calculate Building Costs
- Build Concrete Forms
- Framing Floors, Walls & Roofs
- Install Drywall—Steel & Wood Studs
- Finishing Internal & External Details

COMMERCIAL TRANSPORT REPAIR MECHANIC

(Terrace Campus)
6 - 7 months to complete

NWCC
ENTRY LEVEL TRADES CERTIFICATE
in
COMMERCIAL TRANSPORT
REPAIR MECHANIC

(Could be granted 1 year on an apprenticeship!)



THREE YEARS OF APPRENTICESHIP

Includes....
ANNUAL TECHNICAL TRAINING PERIODS
AT A TRADES TRAINING FACILITY
AND
ON-THE-JOB TRAINING WITH A
JOURNEYED TRADES PERSON
(Learning while earning!)



**COMPLETE THE REQUIREMENTS OF YOUR
APPRENTICESHIP**
and
write the
INTER-PROVINCIAL
CERTIFICATION EXAMINATION
to become
a
CERTIFIED JOURNEYED TRADES PERSON!

Graduates of this program could find employment as Apprentices and helpers in repair shops or service stations, or in complex service departments of the Truck/Transportation industry.

NOTE:

Having both a Commercial Transport Repair Mechanic Certificate and a Heavy Duty Mechanic Certificate enhances your employability. You can complete both Certificates in one September through June term.

This Certificate Program is designed to:

- Provide entry-level training in the Commercial Transport Repair Mechanic trade.
- Prepare learners for entry level skilled employment.
- Provide a foundation for career advancement and specialization.
- Give access and advanced standing to secondary school graduates of High School Apprenticeships, Career Preparation programs, and Learners with Prior Learning and relevant experience.

ADMISSION REQUIREMENTS

1. Grade 10 *or* G.E.D. *or* CCP (ABE) Intermediate Level Math and English, *and*
2. Successful completion of a Northwest Community College assessment.
3. Learners who have significant and relevant prior experience may be admitted based on an interview with the Course Instructor and the Program Administrator.

NOTE:

Learners should be aware that many employers require Grade 12 completion.

FEES

1. Tuition as described in the general information section.
2. C.S.A. approved safety footwear (W.C.B. regulations).
3. Refundable tool deposit of \$50.
4. Coverall fees of \$2.50/week.
5. Purchase of necessary learning resources (available at College Bookstore).

NOTE:

We encourage Trades learners to enhance their employability by enrolling in Level I First Aid. First Aid courses are scheduled throughout the year. (See Continuing Education Extension Offerings section.)

Learners are required to provide...

Pencils, pens, eraser, ruler, three or four ring binders, paper (lined & unlined), scientific calculator, geometry set, gloves and 3-3 1/4" computer disks.

START DATE

Programs are offered from September to June. Learners may enroll at any time and are admitted as space permits.

PROGRAM OUTLINE

Introduction to Trades

Topics included in the Workshop Orientation and Handskills section of the certificate are:

- Learning Success
- Applied Math
- Safe Work Practices
- Use Hand, Measurement & Power Tools
- Use Shop Equipment
- Introduction to Computers
- Read & Interpret Drawings
- Lift Loads
- Technical Communications
- Scaffolds & Ladders
- Fasteners & Fittings
- Describe Trades Occupations
- Workplace Skills
- Oxy-acetylene Cutting, Welding & Brazing

Commercial Transport Repair Specialty

- Learning Success
- Safe Work Practices
- Operate Equipment/Vehicles
- Lift, Move, Support Vehicles
- Service Hydraulic Systems
- Service Steering Systems
- Service Frames, Suspensions & Attachments
- Service Hydraulic Brake Systems
- Service Air Brake Systems
- Service Air Controlled Systems
- Service Engine Systems
- Service Starting & Lighting Systems
- Perform Cutting, Brazing & Welding Operations

COMMUNITY RESOURCE WORKER

(Terrace Campus - 2nd Year Only)

The Community Resource Worker program has been re-developed as part of the "Intergrated Human Service Program". For Fall 1997 2nd year of this program is offered to complete the CRW Diploma.

The Community Resource Worker Diploma program has been developed in response to various needs within the Northwest Community College region. New directions in health care and chronic shortages of certain types of skilled professionals have created specific needs within the fields of Addictions, Mental Health and Youth Worker. This collaborative program is developed to allow students to enroll in common courses and then to choose a specialization in either Addictions, Mental Health, and Youth Worker.

The Community Resource Worker program is 20 months in length and enables students to acquire the required skills for working as paraprofessionals in the fields of Addictions, Mental Health or Youth. Students who exit after completing 10 months of this two year program will receive a certificate as a Community Resource Worker.

The program focuses on a community based holistic approach to implementing changes in lifestyle. It is very important for students to recognize the need for a healthy lifestyle if they plan on working in the fields of: Youth, Addictions or Mental Health. The program is not intended to be part of a person's recovery process but rather to teach helping skills to assist others with implementing lifestyle changes.

The program allows students to acquire paraprofessional training in the caregiving field, at the same time acquiring speciality knowledge in either Youth, Addictions or Mental Health.

DATES AND LOCATION

The program begins in September and completes in June at the *Terrace Campus* (2nd year only). The program begins with a mandatory orientation week.

PROGRAM OUTLINE

Term I

PSYC 101-3	Introductory Psychology I
SOC 101-3	Introductory Sociology I
ENG 151-3	English for Human Oriented Careers
CRW 125-3	Communications I
CRW 100-3	Community Wellness
ANTH 111-3	Native Peoples of Canada
CRW 101-3	Introduction to Roles

Term II

PSYC 102-3	Introductory Psychology II
SOC 102-3	Introductory Sociology II
CRW 102-3	Ethics
CRW 225-3	Communications II
ANTH 112-3	Native Peoples of British Columbia
CRW 195-4	Practicum I

Term III

CRW 110-3	Assessment I
CRW 210-3	Assessment II
BCPT 150-3	Business Computers

Term IV

CRW 230-3	Group Theory & Process
PSYC 221-3	Abnormal Psychology
SOC 205-3	Sociology of the Family
CRW 295-6	Practicum II

Term V

CRW 325-3	Communications III
CRW 215-3	Working with Special Needs Persons
CRW 235-3	Selected Issues in Community Services: Family Violence
CRW 395-6	Practicum III

Term VI

CRW 396-8	Practicum IV
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COURSE DESCRIPTIONS

Anthropology 111 - 3.0: Native Peoples of Canada
See the University Credit section for course description.

Anthropology 112 - 3.0: Native Peoples of British Columbia
See the University Credit section for course description.

BCPT 150 - 3.0: Business Computers

See Business Administration section for course description.

CRW 100 - 3.0: Community Wellness

This course introduces the student to the concept of holistic health in relation to communities. Topics covered will be: Healthy Communities; local and regional resources; how communities can take action to make their environment a happier and healthier place to be; how to do a community needs assessment; and the importance of networking for the paraprofessional. Prerequisites: Grade 12 or permission of instructor.

CRW 101 - 3.0: Introduction to Roles

This is an introductory course designed to give students an understanding of each field study: Addictions, Mental Health, and Youth Work. Through lectures, readings and discussions students will gain insight into each area of speciality and the potential types of careers within each discipline. Prerequisites: Grade 12 or permission of instructor.

CRW 102 - 3.0:

Ethical Behaviour and Dilemmas in Health Care Practice

The purpose of this course is to provide students with an opportunity to review and analyze the characteristics of ethical and unethical behaviour within the health care field. In order to facilitate the development of effective analytical skills students will review and apply a model for critical ethical analysis in relation to various ethical issues and practice dilemmas. Application of this model will be supplemented through on-going examination of various professional Codes of ethical conduct. Emphasis in this course will be placed upon the presentation and examination of ethical case studies by students in groups. Prerequisites: None.

CRW 110 - 3.0: Assessment I

This course is an introduction to the key elements which comprise the assessment process. Various approaches of assessment will be analyzed and applied, as well as the manner and context in which various elements of assessment are utilized in the helping field. Prerequisites: Psyc 101/102 Soc 101/102.

CRW 125 - 3.0: Communications I

This course will study interpersonal verbal skills along with processes. It will contain skill practice and applications related to the fields of: Addictions, Mental Health and Youth Work. Effective communication is the key to success in helping others. Students will examine their own communication style and develop ways to enhance this. Prerequisites: Grade 12 or permission of instructor.

CRW 195 - 4.0: Practicum I

This course is a combination of theory and field experience. Each week will consist of three hours of theory and six hours of Field experience. Students will choose one speciality for their Diploma: Addictions, Mental Health or Youth Work. Prerequisites: CRW 101.

CRW 210 - 3.0: Assessment II

In this course students will review prevalent assessment techniques utilized in the helping field. These include: TAT, MMPI, DSM IV, MAST, DAST, etc. Concepts of validity and reliability will be examined. As well factors which influence bias such as culture, gender, etc. will be covered. Prerequisites: CRW 110.

CRW 215 - 3.0: Working with Special Needs Persons

This course will introduce students to the theoretical perspective in the field of Special Needs. Through examination of theory, values and attitudes towards people with Special Needs the student will be able to be more effective in the helping setting in providing service. Students will have an increased awareness of issues, legislation, and types of care models when working with Special Needs persons. Prerequisites: Psych 101/102.

CRW 225 - 3.0: Communications II

This course involves the study of nonverbal interactions: movement, posture, gesture, qualities of voice, and spacing. An analysis of implications in Addictions, Mental Health and Youth Work will be undertaken. This course will assist students in understanding the importance of non-verbal communication skills in the helping profession. Prerequisites: CRW 125.

CRW 230 - 3.0: Group Theory and Process

This course introduces the students to the various theories of groups and group dynamics. Topics covered: analysis of group decision making; discovery and discussion methods in group learning; study of group interactions in mental health, addictions and youth work. The first portion of the course is devoted to skill development, and the second part to analysis, theory and research. Prerequisites: CRW 110/210, CRW 125/225, CRW 101.

CRW 235 - 3.0:

Selected Issues in Community Services: Family Violence

This course introduces the student to the issue of Family Violence, in the context of the helping setting. It will explore the cycle of violence, the forms of violence both physical and

sexual, as well as skills to effectively work with clients who must overcome these or related issues. Prerequisites: CRW 102, SOC 205.

CRW 295 - 6.0: Practicum II

This course is a combination of theory and field experience. Each week will consist of three hours of theory and twelve hours of field experience. Students will be working on the speciality chosen in CRW 195 towards their diploma. Prerequisites: CRW 101, CRW 195.

CRW 325 - 3.0: Communications III

This course is the study of help relationships in the Addictions, Mental Health and Youth Work settings. Topics include: theories of personal effectiveness, analysis and practice of effective relating skills. The Egan model is the main focus but other models such as Rogerian, Behavioural therapy, Reality therapy, etc. will also be examined. The course will be conducted as participatory seminars for development and/or enhancement of effective communication skills. Prerequisites: CRW 225.

CRW 395 - 6.0: Practicum III

This course is a combination of theory and field work. This is the final component of theory before Practicum IV and will run each week at: three hours theory and twelve hours of field experience. Students will continue to work on their speciality chosen in CRW 295. Prerequisites: CRW 101, CRW 195, CRW 295.

CRW 396 - 8.0: Practicum IV

This course is an eight week practicum placement in a mental health, addiction or youth work setting. Students will have a chance to experience the daily operations of a facility in various capacities as set out by employers. It is a chance to integrate classroom theory and hands on experience to enhance the students understanding of his/her chosen career path. Prerequisites: CRW 101, CRW 195, CRW 295, CRW 395.

English 151 - 3.0: English for Human Oriented Careers

See the University Credit section for course description. Prerequisites: English 12 or permission of instructor.

Psychology 101 - 3.0: Introductory Psychology I

See the University Credit section for course description. Prerequisites: English 12 or permission of instructor.

Psychology 102 - 3.0: Introductory Psychology II
See the University Credit section for course description.

Psychology 221 - 3.0: Abnormal Psychology
See the University Credit section for course description.

Sociology 101 - 3.0 Introductory Sociology I
See the University Credit section for course description.

Sociology 102 - 3.0 Introductory Sociology II
See the University Credit section for course description.

Sociology 205 - 3.0: Sociology of the Family
See the University Credit section for course description.

EARLY CHILDHOOD EDUCATION

(Terrace Campus)

Teleconferencing of some ECE courses will be available through other NWCC Campuses. Check with an Educational Advisor for course offerings.

NOTE:

The Early Childhood Education program is presently under review and will become part of the "Integrated Human Service Program (IHSP) for Fall 1998".

For Fall 1997 the ECE program will continue to be offered as described below.

"Quality childcare is far more than custodial care. Children need a nurturing, safe, healthy and stimulating environment."

- Provincial Task Force on Childcare 1991

Throughout the College region there is a need for trained men & women to provide high quality child care that meets the diverse range of family needs. The Early Childhood Education program prepares students for employment in Group Day Care, Preschools, Special Needs and Family Day Care programs.

In addition to the Early Childhood Education Certificate program there are post-basic programs available on a part-time basis in Infant/Toddler Supervisor Training and Special Needs Supervisor Training.

ADMISSION REQUIREMENTS

ECE Level I Certificate Program (Basic):

1. A minimum C+ in English 12 *or* English 050 *or* 045 *or* satisfactory performance on the department's English placement test. Grade 12 graduation is recommended.
2. Current immunizations and a current tuberculin screening, as certified on the College's Immunization Record and completion of the College's Medical Assessment are required for ECE 111, 112, 117, 118, 126 and 127 to meet licensure requirements outlined in the Community Care Facility Act.

For students enrolled in Distance Education the courses are ECE 101, 102, 121, 122, 125, 126, 127, 131, 132 and 134.

3. Students enrolling in ECE 111, 112, 117, 118, 126, 127 must have a Criminal Record Search completed and available for presentation to the Program Co-ordinator. Criminal Record Search forms are available from the Admissions Office. Students will need to have an additional Criminal Record Search completed for each practicum site. For students enrolled in Distance Education the courses are ECE 101, 102, 121, 122, 125, 126, 127, 131, 132 and 134.

Students should be aware that the presence of certain crimes on their record would make practicum placement, graduation, and subsequent employment impossible.

4. Two reference forms: one from a knowledgeable community member attesting to their suitability to work with young children; and one from the Supervisor of 45 hours of work or volunteer experience in the child care/education field (preschool, recreation programs, kindergarten, group day care, family day care, and Sunday School). The 45 hours of work/volunteer experience can be waived with the written permission of the Co-ordinator if the applicant can demonstrate using undocumented life experiences that they have a broad understanding of the needs of young children.
5. Prior to the interview, students will be required to submit a work/volunteer resume and a written statement (300-500 words) describing career goals, special interests, and reasons for seeking entrance into the ECE program.

Students will be required to supply their own transportation to and from practicum placements. Due to the shortage of suitable practicum sites in Terrace, students may be required to undertake fieldwork in various communities across our Northwest region. Students are responsible for practicum costs and should budget accordingly.

Upon completion of the Basic Program, students are required to complete 500 hours of work experience under a licensed supervisor before obtaining their Provincial License to Practice.

Post-Basic Programs (Distance Education)

1. Completion of ECE Level I Certificate Program (Basic).
2. Current immunizations and a current tuberculin screening as certified in the College's Immunization Record and completion of the College's Medical Assessment are required for ECE 227, 228, 251 and 252.
3. Students enrolling in ECE 227, 228, 251, and 252 must have a Criminal Record Search completed and available for presentation to the Program Co-ordinator. Criminal Record Search forms are available from the Admissions office. Students will need to have an additional Criminal Record Search completed for each practicum site.

Prospective students who have maintained a C+ average (GPA 2.5), have completed 80% of first level courses and have one year documented field experience may have their credentials assessed by the Program Co-ordinator and could be admitted to the post-basic program without meeting the formal academic requirements. Please contact an Educational Advisor for further information.

HOW TO APPLY

ECE Level I Certificate (Basic), including Distance Education, and Post-Basic Programs

Applications are available from any College campus and should be submitted as early in the Spring as possible.

Students with previous related training or course credits from other post-secondary institutions may receive advance standing or transfer credit to some ECE courses. Requests should be submitted to the Registrar well in advance of program start.

DATES AND LOCATION

The full-time program starts the day after Labour Day and continues through May of the following year and is offered at our Terrace campus. All students are required to attend a program orientation on the first day of class in September.

Part-time Basic and Post-Basic courses are offered throughout the region by teleconferencing. For further information on the yearly course offerings contact your local College campus or the Terrace based ECE Co-ordinator.

FEES

Please see the General Information section.

FINANCIAL AID AND SPONSORSHIP

Please see the Financial Aid Sources section.

PROBATION

In addition to maintaining a C+ average (GPA 2.5), students are expected to develop a level of interpersonal and communication skills necessary for successful performance in the Early Childhood field. Admission to the practicum requires the approval of the practicum instructor.

A student who fails to develop the necessary level of skills required for successful completion of the practicum or course work may, in consultation with the Program Coordinator and the instructors, be required to go on probation. In this case the student would be expected to meet the necessary standards within a set time period (as determined by the Program Coordinator, and instructors) or be required to withdraw from the program.

TRANSFER CREDIT

Some Early Childhood graduates go on to university for further education in the field. The University of Victoria awards, on an individual basis, transfer credit for ECE courses. Interested students can obtain further information from the program instructors or an Educational Advisor.

PROGRAM OUTLINE

Fall Semester

ECE 104-3	Health, Safety & Nutrition
ECE 105-3	Families and Early Childhood Programs I
ECE 111-3	Child Environments I
ECE 113-3	The Role of the Early Childhood Educator I
ECE 115-3	Curriculum Planning I
ECE 117-3	Curriculum Activities I
ECE 124-3	Interpersonal Communications
ECE 140-3	Psychology of Human Development I
ECE 111/17-0	Preschool Lab

Winter Semester

ECE 106-3	Families and Early Childhood Programs II
ECE 112-3	Child Environments II
ECE 114-3	The Role of the Early Childhood Educator II
ECE 116-3	Curriculum Planning II
ECE 118-3	Curriculum Activities II
ECE 126-3	Practicum II - January
ECE 127-3	Practicum III - May

ECE 135-3	Working with Special Children
ECE 141-3	Psychology of Human Development II
ENG 151-3	English for Human Oriented Careers
ECE 112/18-0	Preschool Lab

Basic (Level I) Part-time - Distance Education (Audio-Teleconferencing)

ECE 101	Programme Development I
ECE 102	Curriculum Development I
ECE 104	Health, Safety and Nutrition
ECE 121	Program Development II
ECE 122	Curriculum Development II
ECE 123	Family Issues
ECE 125	Practicum I
ECE 126	Practicum II
ECE 127	Practicum III
ECE 128	Models and Methods of Parent Involvement
ECE 131	Programme Development III
ECE 132	Curriculum Development III
ECE 134	Observing and Recording Young Children
ECE 135	Working with Special Children
ECE 140	Psychology of Human Development I
ECE 141	Psychology of Human Development II
ENG 151	English for Human Oriented Careers

Post-Basic (Level I) Part-time, Distance Education (Audio-Teleconferencing)

The courses for Distance Education (DE) are the same as for the full-time program outline with the exception of ECE 125 (Practicum I) which is equivalent to ECE 111/117 and ECE 112/118 Preschool Lab.

Students who have commenced their Distance Education program prior to 1994 should contact the ECE Co-ordinator for equivalencies.

Post-Basic (Level II) Part-time, Distance Education (Audio-Teleconferencing)

The Post-Basic programs provide students with the opportunity to acquire specialized knowledge, skills and certification in the Early Childhood field. All students are required to complete the Post-Basic Core courses and may elect to specialize in either Infant/Toddler Educator Training or Special Needs Educator Training. *These programs are only offered by teleconferencing and through Summer Institute on a part-time basis.*

After completion of a Post-Basic program students will earn a Northwest Community College Certificate in the specialty they have studied. To be registered in B.C. certifi-

cate holders must present proof of their successful completion of both the Basic and Post-Basic (Level II) Program to the Provincial Child Care Facilities Licensing Board in Victoria.

CORE PROGRAM

(Courses needed by both Specializations)

ECE 206-3	Working with Families
ECE 208-3	Administration Skills for ECE Professionals
ECE 213-3	Health, Safety and Nutrition

SPECIALIZATIONS

Infant/Toddler Educator Training

ECE 202-3	Infant/Toddler Care and Growth
ECE 219-3	Infant/Toddler Curriculum Planning
ECE 220-3	Programming for Infant/Toddler
ECE 227-3	Practicum I
ECE 228-3	Practicum II

Special Needs Supervisor Training

ECE 203-3	Special Needs Care & Growth
ECE 250-3	Special Education Curriculum Planning Part I
ECE 253-3	Augmentative Communication
ECE 251-3	Practicum I
ECE 252-3	Practicum II
ECE 255-3	Special Education Curriculum Planning Part II

COURSE DESCRIPTIONS

ECE BASIC COURSES

ECE 104-3.0: Health, Safety and Nutrition

This course provides students with an understanding of the basic principles of health, safety and nutrition for adults as well as preschool children. The course will focus on nutritional meal planning, signs and symptoms of communicable diseases, disease prevention, signs of abuse and neglect and assessing a facility for safety.

ECE 105-3.0:

Families and Early Childhood Programs I

This course examines the patterns & structures of family life, the influences on family and diversity of family from one culture and class to another. The purpose of this course is to provide insights that will influence the student's ability to provide support for families in childcare settings.

ECE 106-3.0:

Families and Early Childhood Programs II

A practical course that supports the theories explored in ECE 105. The student will examine and practice strategies for establishing and maintaining effective partnerships with parents and families, considering cross cultural communication and childrearing practices. Prerequisite: ECE 105 or equivalent or permission of the instructor.

ECE 111-3.0: Child Environments I

This course will provide students with a practical introduction to early childhood educational environments and programs. Students will develop skills in observing and guiding children and supporting learning through play.

ECE 112-3.0: Child Environments II

This course is a continuation of ECE 111. Students will expand their skills in implementing and evaluating early childhood programs to meet individual and group needs of young children. Students will explore pedagogical practices in both child-centered and teacher-centered situations. Prerequisite: Successful completion of ECE 111 or permission of the instructor.

ECE 113-3.0:

The Role of the Early Childhood Educator I

This course introduces students to the underlying principles and practices of early childhood education. Students will examine the role of the educator in creating and maintaining nurturing environments for young children, and will examine the historical and social influences which shape the profession.

ECE 114-3.0:

The Role of the Early Childhood Educator II

This course is a continuation of ECE 113. Students will examine learning goals for young children, pedagogical theories and practices, and the role and responsibilities of the early childhood professional in contemporary society. Prerequisite: Successful completion of ECE 113 or permission of the instructor.

ECE 115-3.0: Curriculum Planning I

This course introduces the student to the concept of developmentally appropriate practice through the planning, evaluating and adapting of curriculum experiences to meet individual and group needs in childcare settings. The student will examine the theories and principles behind the curriculum subject areas: art and language arts with the opportunity to begin exploring creative expression.

ECE 116-3.0: Curriculum Planning II

This course continues to explore the concept of developmentally appropriate practice through the planning, evaluating and adapting of curriculum experiences to meet individual and group needs in childcare settings. The student will examine the theories and principles behind the curriculum subject areas: social studies, science, math, music and movement with the opportunity to further explore creative expression.

ECE 117-3.0: Curriculum Activities I

A practical course that supports the theories explored in ECE 115. The student will observe children and then plan, implement, evaluate and adapt specific curriculum experiences to meet individual and group needs in a preschool setting. The specific materials and experiences explored are in the areas of art, language, literature and drama, with the opportunity to examine and enhance personal creativity.

ECE 118-3.0: Curriculum Activities II

A practical course that supports the theories explored in ECE 116. The student will observe children and then plan, implement, evaluate and adapt specific curriculum experiences to meet individual and group needs in a preschool setting. The specific materials and experiences explored are in the areas of socials, science, math, music and movement, with the opportunity to continue developing personal creativity. Prerequisite: ECE 117 or permission of the instructor.

ECE 124-3.0: Interpersonal Communications

In this course, students will explore the processes of effective communication and problem-solving in both adult-adult and adult-child relationships. Students will examine both verbal and non-verbal communications and methods for facilitating communication.

ECE 111/17-0.0: Preschool Lab

This lab provides students with a guided practical experience working with a group of preschool-aged children. Students will apply classroom learning by preparing the preschool environment, planning, presenting activities and guiding children in routines. In this course students will work collaboratively with other students and develop positive relationships with children.

ECE 112/18-0.0: Preschool Lab

This lab is a continuation of ECE 111/17. Students will use guided observation and classroom learning as the basis for planning and implementing developmentally appropriate experiences for individual children in the preschool setting. Students will participate in team planning and will develop

skills in guiding and supporting children's play, social behaviour and other learning. Prerequisite: Credit for ECE Lab I.

ECE 125-3.0: Practicum I (Distance Education only)

This course provides the ECE student with a practical introduction to working with children in a licensed group setting. During this practicum, students will develop positive relationships with children, prepare simple materials, assist children in routines and learning experiences, and function competently in the role of "aide".

ECE 126-3.0: Practicum II

This course provides the ECE student with practical opportunities to develop skills in planning and presenting learning experiences in all curriculum areas and in guiding individual children and groups of children. Students will participate in supporting centre policies and interacting with parents. Students are required to demonstrate competency in implementation of developmentally appropriate curriculum and positive child guidance consistent with the role of 'assistant'. Prerequisite: Credit for Practicum I (ECE 111/117 and ECE 112/118 or ECE 125 (DE)).

ECE 127-3.0: Practicum III

The third practicum affords each ECE student an opportunity to participate as a responsible staff member in a licensed facility for young children. During a portion of the practicum, students will take on the role of "supervisor", responsible for curriculum and program planning. During this practicum students will demonstrate acquisition of professional skills and knowledge. Prerequisite: Credit for Practicum II.

ECE 135-3.0:**Working with Children Requiring Extra Support**

This course explores both the personal and societal values and attitudes towards persons with special needs. The basic understanding of the Principle of Normalization and its contribution to changes in the special needs field will be examined as well as various handicapping conditions, their causes and impact on children and their families. Prerequisite: Enrollment in ECE program or permission of Co-ordinator.

ECE 140-3.0: Psychology of Human Development

This course provides students with an introduction to the theories, methods, concepts and research findings relevant to normal human development through the life span. The importance of individual differences, the effects of heredity and environment and the ethical issues involved in research and program are discussed. Application of child care situations are explored in lectures in reference to children and their

families. Students will be required to read from text and other references as required.

ECE 141-3.0: Psychology of Human Development

This course is a continuation of ECE 140 and examines development in all spheres from the school years to adolescence through adulthood. Prerequisite: ECE 140 or equivalent.

ECE POST BASIC COURSES**English 151-3.0: English for Human Oriented Careers**

See the University Credit section for course description.

ECE 202-3.0: Infant, Toddler Care and Growth

A foundation course that examines major theories and influences on prenatal, perinatal, infant, and toddler development. The focus is on typical growth and development, emphasizing the effects of parenting styles, caregiving, and the environment on development. Prerequisite: ECE Basic Level.

ECE 203-3.0: Special Needs Care & Growth

This course provides a theoretical framework for working with special needs individuals. Through a historical perspective, the philosophy behind controversial issues and the resulting impact on legislation and models of care is explored. The course also presents information on techniques to evaluate development of individuals, and discusses the impact of atypical development on the person, families, and community. Prerequisite: ECE Basic Level.

ECE 206-3.0: Working with Families

This course presents fundamental principles and practices of effective communication for caregivers working with families of under 3's and children with special needs. It explores perspectives of both caregivers and parents on caring for children, with an emphasis on the diversity of families, and the role of caregiver in facilitating a better understanding between home and school care. Prerequisite: ECE Basic Level.

ECE 208-3.0: Administration Skills for ECE Professionals

This Post-Basic ECE Core course is concerned with the study of policies and procedures necessary for the operation of high quality ECE facilities. The course includes provincial government policies, facility management, staff relations, evaluation procedures and planning change. Prerequisite: ECE Basic Level.

ECE 213-3.0: Health, Safety and Nutrition

This practical course focuses on methods of providing safe, healthy environments for groups of infants/toddlers and children with special needs, consistent with provincial regulations. The emphasis is on physical care, outlining procedures used for providing for daily living needs, as well as specialized practices (eg. use of equipment, administration of medication), for infant and toddlers and school-aged special needs individuals. Prerequisite: ECE Basic Level.

ECE 219-3.0: Infant, Toddler Curriculum Planning

The purpose of this course is to design developmentally appropriate program activities, through the practical application of developmental theories. It provides hands-on experiences with materials and activities suitable for infant and toddlers. The course provides opportunity for development of comprehensive program resources. Prerequisite: ECE Basic Level.

ECE 220-3.0: Programming for Infant/Toddlers

This course provides the theoretical foundations for planning infant and toddler programs, by close examination of the relationship between early child development, the various components of quality programming, and the caregiver. Prerequisite: ECE Basic Level.

ECE 227-3.0: Practicum I

This course will provide the student with opportunities to observe and have practical experience with infants and toddlers in a childcare setting. Prerequisite: ECE Basic Level and minimum one Post Basic course. (*Recommend ECE 219 and ECE 220 and permission of Practicum Supervisor prior to commencement.*)

ECE 228-3.0: Practicum II

This course continues to build on the skills developed in ECE 227 through practical experiences in another infant and toddler practicum site. The student will take on a supervisory role, responsible for programming, guiding, administration and family involvement. Prerequisite: ECE Basic Level, successful completion of ECE 227, and permission of Practicum Supervisor.

ECE 250-3.0: Special Education Curriculum Planning I

This course presents methodologies for organizing, executing and evaluating programs for special needs children and adolescents. Information on preparing General Service Plans and Individualized Program Plans and overview of techniques

for implementing programs will be outlined. Prerequisite: ECE Basic Level.

ECE 251-3.0: Practicum I

This course will provide the student with opportunities to observe and have practical experiences in an integrated or specialized preschool centre. Prerequisite: ECE Basic Level and minimum of one Post Basic course. (*Recommend ECE 250 and ECE 255 and permission of Practicum Supervisor prior to commencement.*)

ECE 252-3.0: Practicum II

This course continues to build on the skills developed in ECE 251 through practical experiences in another integrated or specialized preschool centre. The student will take on a supervisory role, responsible for programming, guiding, administration and family involvement. Prerequisite: ECE 251 and successful completion of ECE 251 or Prior Learning Assessment (P.L.A.) equivalent and permission of the Practicum Supervisor.

ECE 255-3.0: Special Education Curriculum Planning II

This course presents methodologies for organizing, executing and evaluating programs for children with special needs (0-8 yrs.). The process for developing individualized program plans and overview of techniques for implementing programs will outlined. Prerequisite: ECE 250.

ECE 253-3.0: Augmentative Communication

This course serves as an introduction to language and communication development and methods for enhancing these skills in special populations. Practical strategies for facilitating communication, both through interaction styles and through use of communication aids, are provided. A basic understanding of the types and purposes of augmentative communication systems are presented.

PRESCHOOL AIDE TRAINING PROGRAM (P.A.T.)

(This program requires special funding, therefore may not be offered every year.)

In the P.A.T. program, students with cognitive disabilities, who do not meet the requirements for the ECE Basic Program are integrated, with support, into some of the ECE program classes, gaining enough knowledge and skills to work as aides in an early childhood setting.

ADMISSION REQUIREMENTS

Please contact the Educational Advisor in your centre.

PROGRAM OUTLINE

Fall Semester

- PAT 090-3: Activities for Young Children I
- PAT 092-3: Working in Programs with Young Children I
- PAT 093-3: Healthy Environments for Young Children
- PAT 095-3: The Family
- PAT 090/92-0: Preschool Lab

Winter Semester

- PAT 091-3: Activities for Young Children II
- PAT 094-3: Working in Programs with Young Children II
- PAT 099-3: Working with Families
- PAT 097-3: Practicum II (*January*)
- PAT 098-3: Practicum III (*May*)
- PAT 091/94-0: Preschool Lab

NOTE:

This program does not qualify graduates as Early Childhood Supervisors or Assistants.

Graduates from this training will receive a PAT Certificate from the College, enabling them to work as Aides in the early childhood field.

COURSE DESCRIPTIONS

PAT 090-3.0: Activities for Young Children I

This course provides the student with an understanding of the daily routines and activities in an Early Childhood Centre. The student will learn to choose, prepare, present and clean up materials and equipment in the classroom, as directed by a supervisor. This is a practical course with the focus on exploring creative, age appropriate art and language arts activities for young children.

PAT 090/92-0.0: Lab

This course provides the student with a practical introduction to working with young children in licensed group settings. During this practicum students will familiarize themselves with the program, help wherever necessary and begin to develop positive communication skills with young children.

PAT 091-3.0: Activities for Young Children II

This course is a continuation of activities for young children, Part I, with the focus on exploring creative, age appropriate social studies, science, math, music, sensory and movement activities for young children.

PAT 092-3.0: Working in Programs with Young Children I

This course gives an overview of Early Childhood programs. This course will include teachers' responsibility, introduction to child development, arranging environments and activities for children and guiding children.

PAT 093-3.0: Healthy Environments for Young Children

The student will begin to understand the basics of good health and nutrition and learn how to model sound health routines around young children, helping those who are teaching. The course will focus on showing the student how to plan and prepare nutritious snacks and meals and maintain safe environments for young children.

PAT 094-3.0: Working in Programs with Young Children II

This course considers the process of planning programs for young children which include activities to help children develop self-esteem and social language and thinking skills. Students will organize and use resources. As well, students will learn about child care regulations and their own role as aides in preschool programs.

PAT 095-3.0: The Family

The student will begin to understand families and how they function. They will explore changing families and look at ways to give support to them while working as an aide in an early childhood centre.

PAT 097-3.0: Practicum II

This course provides the PAT student with practical opportunities to develop positive relationships with children, prepare simple materials and assist children in routines and learning experiences.

PAT 098-3.0: Practicum III

This course provides the student with an opportunity to develop positive relationships with children, prepare and clean up simple materials, assist children in routines and learning experiences and to help plan and present some age appropriate activities for young children. The student will demonstrate the ability to take direction and to work competently as a classroom aide.

PAT 099-3.0: Working with Families

This course examines daily routines that support the needs of families and encourages participation. The student will look at ways that a classroom aide could support a childcare centre's efforts to involve families in their program throughout the year.

ENGLISH AS A SECOND LANGUAGE

(Kitimat, Prince Rupert and Terrace Campuses)

Northwest Community College offers programs to assist students in acquiring basic English reading and writing skills. The English as a Second Language (ESL) program is intended for persons whose native language is not English.

English as a Second Language programs develop reading, writing and speaking skills. The program content and objectives are based on the needs of the students. Introductory programs are available which develop the skills necessary to perform tasks such as making appointments, getting a driving license, searching for a job, etc. More advanced programs for students who have already completed an introductory program or who already have basic speaking, writing and reading skills are also available.

English as a Second Language programs are currently offered in Kitimat, Prince Rupert and Terrace (September to June), Summer program available in Prince Rupert only. Please contact your local College centre for more information.

SUMMER INTENSIVE ENGLISH PROGRAM (Prince Rupert Campus)

A Summer Intensive English program is being planned for our Prince Rupert campus starting the summer of 1997. Some homestay accommodation may be available, primarily for international students. In order to guarantee a spot, you should have your application in at least two months before the beginning of the semester. Students at any level are welcome to apply.

Write or call our Prince Rupert campus for more information.

HEAVY DUTY MECHANICS TRAINING - ENTRY LEVEL

(Terrace Campus)
8 - 9 months to complete

NWCC ENTRY LEVEL TRADES CERTIFICATE

in
HEAVY DUTY
MECHANICS TRAINING

(Could be granted 1 year on an apprenticeship!)



THREE YEARS OF APPRENTICESHIP

Includes....

ANNUAL TECHNICAL TRAINING PERIODS
AT A TRADES TRAINING FACILITY

AND

ON-THE-JOB TRAINING WITH A
JOURNEYED TRADES PERSON

(Learning while earning!)



COMPLETE THE REQUIREMENTS OF YOUR APPRENTICESHIP

and

write the

INTER-PROVINCIAL
CERTIFICATION EXAMINATION

to become

a

CERTIFIED JOURNEYED TRADES PERSON!

Graduates of this program could find employment as Apprentices and helpers in repair shops or service stations, or in complex service departments of the Heavy Equipment or Truck/Transportation industry.

NOTE:

Having both a Heavy Duty Mechanic Certificate and a Commercial Transport Repair Mechanic Certificate enhances your employability. You can complete both Certificates in one September through June term.

This Certificate Program is designed to:

- Be equivalent to the first year of apprenticeship technical training (Ministry of Labour Standards).
- Prepare learners for entry level skilled employment.
- Provide a foundation for career advancement and specialization.
- Give access and advanced standing to secondary school graduates of High School Apprenticeships, Career Preparation programs, and Learners with Prior Learning and relevant experience.

ADMISSION REQUIREMENTS

1. Grade 10 or G.E.D. or CCP (ABE) Intermediate Level Math and English, and
2. Successful completion of a Northwest Community College assessment.
3. Learners who have significant and relevant prior experience may be admitted based on an interview with the Course Instructor and the Program Administrator.

NOTE:

Learners should be aware that many employers require Grade 12 completion.

FEES

1. Tuition as described in the general information section.
2. C.S.A. approved safety footwear (W.C.B. regulations).
3. Refundable tool deposit of \$50.
4. Overall fees of \$2.50/week.
5. Purchase of necessary learning resources (available at College Bookstore).

NOTE:

We encourage Trades learners to enhance their employability by enrolling in Level I First Aid. First Aid courses are scheduled throughout the year. (See Continuing Education Extension Offerings section.)

Learners are required to provide...

Pencils, pens, eraser, ruler, three or four ring binders, paper (lined & unlined), scientific calculator, geometry set, gloves and 3-3 1/4" computer disks.

START DATE

Programs are offered from September to June. Learners may enroll at any time and are admitted as space permits.

PROGRAM OUTLINE

Introduction to Trades

Topics included in the Workshop Orientation and Handskills section of the certificate are:

- Learning Success
- Applied Math
- Safe Work Practices
- Use Hand, Measurement & Power Tools
- Use Shop Equipment
- Introduction to Computers
- Read & Interpret Drawings
- Lift Loads
- Technical Communications
- Scaffolds & Ladders
- Fasteners & Fittings
- Describe Trades Occupations
- Workplace Skills
- Oxy-acetylene Cutting, Welding & Brazing

Heavy Duty Mechanic Specialty

- Safe Work Practices
- Operate Equipment
- Service Winches/Working Attachments
- Service Brake Systems
- Service Hydraulic Systems
- Overhaul Diesel Engines
- Lubricants & Fluids
- Service Engine Support Systems
- Service Fuel Systems
- Service Electrical & Electronic Systems
- Service Power Trains
- Arc Welding
- Service Track Type Equipment
- Service Wheel Type Equipment

INDUSTRIAL MECHANIC (MILLWRIGHT) TRAINING

*Co-operative Education Model
(Terrace Campus)*

This two year program, comprised of school and work terms started in September, 1996 and continues through to the Fall of 1998. No new students are being admitted to the Co-operative Education Model.

The schedule of academic semesters and Co-op work terms areas follows:

Sept/96 - Feb/97	Academic
Mar/97 - Sept/97	Work Term
Oct/97 - Jan/98	Academic
Feb/98 - Aug/98	Work Term
Sept/98 - Oct/98	Academic

During the in-school training terms, all technical training requirements of the four year Industrial Mechanic (Millwright) Apprenticeship Program will be covered. Apprentices in the program will be registered with the program steering committee and will receive credit for each level of training successfully completed. In addition, the remaining workplace apprenticeship hours must be completed to qualify for writing the Journeyman Certification examination(s).

INDUSTRIAL MECHANIC (MILLWRIGHT) TRAINING - ENTRY LEVEL

*(Terrace Campus)
8 - 9 months to complete*

NWCC ENTRY LEVEL TRADES CERTIFICATE

*in
INDUSTRIAL MECHANIC
(MILLWRIGHT) TRAINING*

(Could be granted 1 year on an apprenticeship!)



THREE YEARS OF APPRENTICESHIP

*Includes...
ANNUAL TECHNICAL TRAINING PERIODS
AT A TRADES TRAINING FACILITY
AND
ON-THE-JOB TRAINING WITH A
JOURNEYED TRADES PERSON
(Learning while earning!)*



COMPLETE THE REQUIREMENTS OF YOUR APPRENTICESHIP

*and
write the
INTER-PROVINCIAL
CERTIFICATION EXAMINATION*

to become

a

CERTIFIED JOURNEYED TRADES PERSON!

Graduates of this program could find employment as Apprentices and helpers in pulp, paper or lumber mills, mines, industrial processing plants, or in complex service departments of Industrial Repair Shops.

This Certificate Program is designed to:

- Be equivalent to the first year of apprenticeship technical training (Ministry of Labour Standards).
- Prepare learners for entry level skilled employment.
- Provide a foundation for career advancement and specialization.
- Give access and advanced standing to secondary school graduates of High School Apprenticeships, Career Preparation programs, and Learners with Prior Learning and relevant experience.

ADMISSION REQUIREMENTS

1. Grade 10 *or* G.E.D. *or* CCP (ABE) Intermediate Level Math and English, *and*
2. Successful completion of a Northwest Community College assessment.
3. Learners who have significant and relevant prior experience may be admitted based on an interview with the Course Instructor and the Program Administrator.

NOTE:

Learners should be aware that many employers require Grade 12 completion.

FEES

1. Tuition as described in the general information section.
2. C.S.A. approved safety footwear (W.C.B. regulations).
3. Refundable tool deposit of \$50.
4. Coverall fees of \$2.50/week.
5. Purchase of necessary learning resources (available at College Bookstore).

NOTE:

We encourage Trades learners to enhance their employability by enrolling in Level I First Aid. First Aid courses are scheduled throughout the year. (See Continuing Education Extension Offerings section.)

Learners are required to provide...

Pencils, pens, eraser, ruler, three or four ring binders, paper (lined & unlined), scientific calculator, geometry set, gloves and 3-3 1/4" computer disks.

START DATE

Programs are offered from September to June. Learners may enroll at any time and are admitted as space permits.

PROGRAM OUTLINE

Introduction to Trades

Topics included in the Workshop Orientation and Handskills section of the certificate are:

- Learning Success
- Applied Math
- Safe Work Practices
- Use Hand, Measurement & Power Tools
- Use Shop Equipment
- Introduction to Computers
- Read & Interpret Drawings
- Lift Loads
- Technical Communications
- Scaffolds & Ladders
- Fasteners & Fittings
- Describe Trades Occupations
- Workplace Skills
- Oxy-acetylene Cutting, Welding & Brazing

Industrial Mechanic (Millwright) Specialty

- Learning Success
- Safe Work Practices
- Use Drilling Machines
- Use Power Tools
- Use Hydraulic Presses
- Use Lathes & Milling Machines
- Lubricants & Lubrication Systems
- Gear & Gear Drive Systems
- Heat Treating Metals
- Install Machine Components
- Pneumatic Systems
- Hydraulic Systems
- Material Handling Systems
- Arc Welding

INTEGRATED HUMAN SERVICE

(A strategic planning process is currently under way to determine the optimum locations for delivery of the Certificate and Diploma Levels of the Integrated Human Service Program.)

The Integrated Human Service (IHS) Certificate and Diploma program has been developed in response to various needs within the Northwest Community College region. New directions in health care and chronic shortages of certain types of skilled para-professionals have created needs in each of the specialties offered in this program.

IHS is both a certificate and diploma program with the exception of the Special Education Assistant Option (*Certificate only for the 1997-98 year*). The Special Education Assistant Diploma section is still under development and will be coming on line in the Fall of 1998. Also coming on line in 1998 under the Integrated Human Service umbrella is the Early Childhood Education Option (*see the ECE section for program description*).

The IHS Certificate is ten months in duration and the IHS Diploma amounts to twenty months of training in total. Specialties are chosen by the student in the first year, but additional specialties may be picked up if a student chooses to do this.

This program focuses on a community based holistic approach to implementing changes in lifestyle. It is very important for students to recognize the need for a healthy lifestyle when pursuing a career in the caregiving field. The focus of the program is to teach helping skills to assist others with implementing lifestyle changes.

The program allows students to acquire para-professional training in the caregiving field, at the same time acquiring specialty knowledge in their chosen specialty.

The *Addictions Option* allows a student access to theoretical and practical application of knowledge within this field of study. At the certificate level students are given introductory information within addictions theory and more specifically how addictions affect us in a holistic sense. At the diploma level students examine how individuals, and community deal with issues surrounding addiction. Addictions are examined further in the context of societal attitudes and the types of solutions that have been pursued to alleviate or eliminate the negative impact on individuals, community and society.

The *Mental Health Option* of the Intergrated Human Service program prepares students to work at the para-professional level in the field of mental health. The program emphasizes skills and knowledge required to support an individual and family with mental health challenge in the community within a holistic framework of mental health. At the certificate level students are introduced to the field of mental health and a model of psychosocial rehabilitation. In the diploma level the students further explore the psychosocial rehabilitation model and apply it within an integrated community practicum context.

The *Special Education Assistant Option* of the IHS program prepares students to work at the para-professional level in the field of education. The program emphasizes skills and knowledge required to facilitate the child's integration within a classroom. Special Education Assistants work under the supervision of classroom, or resource, teachers in supporting students with special needs.

The *Social Service Worker Option* allows a student access to training and skills in Social Services. Students' education includes university transfer courses and special courses to prepare the students to work as a para-professional helping and supporting people with different social needs.

The *Youth Option* allows a student access to theoretical and practical application of knowledge within this field of study. Students will examine theoretical foundations in the specialty of Child and Youth care field. First an overview of the practice of Child and Youth care in Canada, then moving towards strategies utilized at the provincial level amongst various institutions and finally examining issues in child development, law enforcement, education and therapeutic techniques for youth.

ADMISSION REQUIREMENTS - All Options

Certificate Program

1. English 12, *or* English 050, *or* English 045 with C+ or better, *or* satisfactory performance on the Integrated Human Service English Placement Test. Applicants requiring the Placement Test must contact the Admissions Office.
2. Two reference forms must come from an employer, volunteer supervisor, teacher or human service professional, attesting to the applicant's personal suitability for work in human services. Forms are available through the Admissions Office.

3. A work/volunteer experience resume and a written statement describing career goals, special interests and reasons for seeking entrance to this program (between 300 to 500 words in length).
4. A minimum of 45 hours of satisfactory work or volunteer experience in the field of social services.

Note:

Applicants should be aware that in the field of addictions a reference letter should be submitted attesting to a minimum of three years of sobriety to the start date of the addictions option for those applicants in recovery.

Students should be aware that a Criminal Record Search is required before they can obtain a practicum placement and that the presence of certain crimes on the record would make practicum placement, graduation and subsequent employment impossible.

Students are required, dependent upon their practicum placement, to submit a medical certificate with TB testing and up-to-date immunization.

Diploma Level - Social Service Worker Option

1. IHS Option Certificate.
2. Any other human service related certificate from an accredited post-secondary institution.
3. Individual course pre-requisites.

Note:

IHS Diploma applicants planning to apply to a school of Social Work (e.g. UNBC or UVic) or Child and Youth Care should consult with that university in order to take the appropriate university credit electives.

Students should also contact an Educational Advisor to assist them.

DATES AND LOCATION

The full-time programs start on September 2nd and end in the middle of June depending on Practicum placement. Program orientation for all students takes place at 9:00 am, September 2.

NOTE: *Your acceptance letter will include information specific to your Option.*

FEES

Please see the General Information section.

FINANCIAL AID AND SPONSORSHIP

Please see the Financial Aid Sources section.

PROBATION

In addition to maintaining satisfactory academic progress, i.e. a GPA of 2.5, students are expected to develop a level of interpersonal and helping skills necessary for successful performance in the human relations field. Admission to Practicum courses depends on successful completion of courses and the permission of the practicum instructors.

A student who fails to develop the necessary level of skills required for successful completion of the practicum may, in consultation with the Program Coordinator and the agency supervisors, be required to go on probation. In this case the student would be expected to meet the necessary standards within a set time period (as determined by the Program Coordinator, agency supervisor and student) or be required to withdraw from the program.

TRANSFER FOR CREDIT

Some integrated program graduates go on to university for various programs. All university transfer courses in the program will be transferable. In addition, the University of Victoria and University of Northern British Columbia award, on an individual basis, additional transfer credit for IHS courses. *Interested students can obtain further information from the program instructors or an Educational Advisor.*

PROGRAM OUTLINES

ADDICTIONS OPTION - CERTIFICATE LEVEL

(not offered in 1997/98)

Applicants are encouraged to contact the Program Coordinator or a Educational Advisor for information regarding the Certificate Level for Addictions Option.

Fall Semester

ENGL 151-3	Technical Writing I
IHS 100-3	Community Wellness
IHS 101-3	Introduction to Roles
IHS 151-3	Interpersonal Communication
IHS 167-3	Computers in the Human Services
PSYC 101-3	Introductory Psychology I
SOCI 101-3	Introductory Sociology I
FAID 135-.5	Vital Link Standard First Aid

Winter Semester

ANTH 112-3 Native Peoples of B.C.
 IHS 991 Helping Skills
 IHS 102-3 Ethics
 IHS 110-3 Assessment I
 IHS 168-3 Computers in the Human Services - Advanced
 IHS 195-3 Addictions Theory I
 IHS 196-3 Block Practicum
 PSYC 102-3 Introductory Psychology II
 SOCI 102-3 Introductory Sociology II

ADDICTIONS OPTION - DIPLOMA LEVEL*(not offered in 1997/98)*

Applicants are encouraged to contact the Program Coordinator or a Educational Advisor for information regarding the Diploma Level for the Addictions Option.

Fall Semester

IHS 992 Group Theory and Practice
 IHS 210-3 Assessment II
 IHS 295-3 Addictions Theory II
 IHS 296-3 Addictions Practicum II (2 days per week)
 PSYC 201-3 Developmental Psychology I
 SOCI 205-3 Sociology of the Family

Winter Semester

IHS 215-3 Working with Persons of Differing Abilities
 IHS 395-3 Addictions Theory III
 IHS 396-3 Addictions Practicum III (2 days per week)
 IHS 235-3 Selected Issues in Community Services:
 Family Violence
 PSYC 202-3 Developmental Psychology II
 SOCI 206-3 The Family in Cross Cultural Perspective

MENTAL HEALTH OPTION - CERTIFICATE LEVEL*(offered 1997/98 pending funding - Terrace Campus)*

Applicants are encouraged to contact the Program Coordinator or an Educational Advisor for information regarding the Certificate Level for the Mental Health Option.

Fall Semester

ENGL 151-3 Technical Writing I
 IHS 100-3 Community Wellness
 IHS 101-3 Introduction to Roles
 IHS 993 Interpersonal Communication
 IHS 167-3 Computers in the Human Services
 PSYC 101-3 Introductory Psychology I
 SOCI 101-3 Introductory Sociology I
 FAID 135-.5 Vital Link Standard First Aid

Winter Semester

ANTH 112-3 First Nations of B.C.
 IHS 991 Helping Skills
 IHS 102-3 Ethics
 IHS 168-3 Computers
 IHS 994 Growth and Wellness
 IHS 175-3 Mental Health I
 IHS 982 Mental Health Practicum (8 weeks)
 PSYC 102-3 Introductory Psychology II
 SOCI 102-3 Introductory Sociology II

MENTAL HEALTH OPTION - DIPLOMA LEVEL*(not offered in 1997/98)*

Applicants are encouraged to contact the Program Coordinator or a Educational Advisor for information regarding the Diploma Level for the Mental Health Option.

Fall Semester

IHS 992 Group Theory and Practice
 IHS 994 Growth and Wellness
 IHS 981 Mental Health Theory II
 IHS 983 Mental Health Practicum II (2 days per week)
 PSYC 221-3 Abnormal Psychology
 SOCI 205-3 Sociology of the Family

Winter Semester

IHS 215-3 Working with Persons of Differing Abilities
 IHS 325-3 Special Issues
 IHS 385-3 Mental Health Theory III
 IHS 386-3 Mental Health Practicum III (2 days per week)
 PSYC 222-3 Clinical Psychology & Intervention

SPECIAL EDUCATION ASSISTANT OPTION*- CERTIFICATE LEVEL (1997/98 - selected courses will be offered throughout the region)*

Applicants are encouraged to contact the Program Coordinator or an Educational Advisor for information regarding the Certificate Level for the Special Education Assistant Option.

Fall Semester

IHS 993 Interpersonal Communication
 IHS 140-3 Psychology of Human Development I
 IHS 104-3 Health and Nutrition
 IHS 135-3 Introduction to Special Needs
 IHS 971 Teaching and Learning I
 IHS 972 Curriculum and Planning I
 ENGL 151-3 Technical Writing I

IHS 973 Practicum
 FAID 140-.05 Child Oriented First Aid

Winter Semester

IHS 106 Introduction to the Family
 IHS 253 Augmentative Communication
 IHS 974 Foundations in Education
 IHS 975 Curriculum & Planning II
 IHS 976 Teaching and Learning II
 IHS 977 Practicum Block

SOCIAL SERVICE WORKER OPTION**- CERTIFICATE LEVEL - (Terrace Campus)**

Applicants are encouraged to contact the Program Coordinator or an Educational Advisor for information regarding the Certificate Level for the Social Service Worker Option.

Fall Semester

ENGL 151 Technical Writing I
 IHS 145 Introduction to Social Services
 IHS 993 Interpersonal Communication
 IHS 167 Computers in the Human Services
 IHS 191 Introduction to Social Service Agencies
 PSYC 101 Introductory Psychology I
 SOCI 101 Introductory Sociology I
 FAID 135-.5 Vital Link Standard First Aid

Winter Semester

ANTH 112 Native Peoples of B.C.
 IHS 146 Social Policies
 IHS 991 Helping Skills
 IHS 168 Computers in the Human Services - Advanced
 IHS 192 Introduction to Social Service Practice
 IHS 193 Block Practicum
 PSYC 102 Introductory Psychology II
 SOCI 102 Introductory Sociology II

SOCIAL SERVICE WORKER OPTION**- DIPLOMA LEVEL - (Terrace Campus)**

Applicants are encouraged to contact the Program Coordinator or a Educational Advisor for information regarding the Diploma Level for the Social Service Worker Option.

Fall Semester

ENGL 101 Literature and Composition I
 IHS 992 Group Theory and Practice
 SOCI 205 Sociology of the Family
 3 University Credit and/or IHS Electives

Spring Semester

IHS 244 Community Development
 IHS 293 Block Practicum
 SOCI 206 The Family in Cross Cultural Perspective
 4 University Credit and/or IHS Electives

Recommended University Credit Electives**for IHS Option - Diploma Level**

ANTH 111-3 Native Peoples of Canada
 ANTH 203-3 Aboriginal Peoples of the Northwest Coast
 ANTH 204-3 Ethnography of Northwest Coast
 ECON 201-3 Principles of Microeconomics
 ECON 202-3 Principles of Macroeconomics
 HIST 106-3 Canada Since Mid-Nineteenth Century
 MATH 131-3 Introduction to Statistics
 POLI 101-3 Canadian Politics I
 POLI 102-3 Canadian Politics II
 PSYC 201-3 Developmental Psychology I
 PSYC 202-3 Developmental Psychology II
 PSYC 221-3 Abnormal Psychology & Therapy I
 PSYC 222-3 Abnormal Psychology & Therapy II
 SOCI 250-3 Sociology of Deviance
 SOCI 251-3 Crime and Society

Recommended IHS Credit Electives for IHS Option**- Diploma Level**

IHS 110 Assessment I
 IHS 135 Introduction to Special Needs
 IHS 175 Mental Health I
 IHS 203 Special Needs Care and Growth
 IHS 208 Administrative Skills for Professionals
 IHS 215 Working with Persons of Differing Abilities
 IHS 250 Special Education Planning I
 IHS 253 Augmentative Communication
 IHS 255 Special Education Planning II
 IHS 971 Teaching and Learning I
 IHS 972 Curriculum and Planning I
 IHS 974 Foundations in Education
 IHS 975 Curriculum and Planning II
 IHS 976 Teaching and Learning II

YOUTH OPTION - CERTIFICATE LEVEL*(not offered in 1997/98)*

Applicants are encouraged to contact the Program Coordinator or a Educational Advisor for information regarding the Certificate Level for the Youth Option.

Fall Semester

- ENGL 151-3 Technical Writing I
- IHS 100-3 Community Wellness
- IHS 101-3 Introduction to Roles
- IHS 151-3 Interpersonal Communication
- IHS 167-3 Computers in the Human Services
- PSYC 101-3 Introductory Psychology I
- SOCI 101-3 Introductory Sociology I
- FAID 135-5 Vital Link Stand First Aid

Winter Semester

- ANTH 112-3 Native Peoples of B.C.
- IHS 991 Helping Skills
- IHS 102-3 Ethics
- IHS 110-3 Assessment I
- IHS 168-3 Computers in the Human Services - Advanced
- IHS 185-3 Youth I - Theory
- IHS 186-3 Practicum Placement (1 day)
- PSYC 102-3 Introductory Psychology II
- SOCI 102-3 Introductory Sociology II

YOUTH OPTION - DIPLOMA LEVEL

(not offered in 1997/98)

Applicants are encouraged to contact the Program Coordinator or a Educational Advisor for information regarding the Diploma Level for the Youth Option.

Fall Semester

- IHS 992 Group Theory and Practice
- IHS 210-3 Assessment II
- IHS 275-3 Youth Theory II
- IHS 375-3 Youth Practicum II (2 days per week)
- PSYC 201-3 Developmental Psychology I
- SOCI 205-3 Sociology of the Family

Winter Semester

- IHS 215-3 Working with Persons of Differing Abilities
- IHS 235-3 Special Issues
- IHS 276-3 Youth Theory III
- IHS 376-3 Youth Practicum III (2 days per week)
- PSYC 202-3 Developmental Psychology II

COURSE DESCRIPTIONS

Anthropology 111-3.0: Native Peoples of Canada

See the University Credit section for course description.

Anthropology 112-3.0: Native Peoples of British Columbia

See the University Credit section for course description.

English 101-3.0: Literature and Composition I

See the University Credit section for course description.

English 151-3.0: Technical Writing I

See the University Credit section for course description.

FAID 135-5: Vital Standard First Aid

This 18 hour course is designed to teach to fundamentals of emergency care and first aid. Cardiopulmonary Resuscitation (CPR) is included.

FAID 140-5: Child Oriented First Aid

This course includes Vital Link Emergency First Aid, Basic Rescue and Child Safe.

IHS 100-3.0: Community Wellness

This course introduces the student to the concept of holistic health in relation to communities. Topics covered will be: Healthy Communities; local and regional resources; how communities can take action to make their environment a healthier place to be; how to do a community needs assessment; and the importance of networking for the para-professional. Prerequisites: Grade 12 or permission of the instructor.

IHS 101-3.0: Introduction to Roles

This is an introductory course designed to give students an understanding of each field of study: Addictions, Mental Health and Youth. Through lectures, readings and discussions students will gain insight into each area of specialty and the potential types of careers within each discipline. Prerequisites: Grade 12 or permission of the instructor.

IHS 102-3.0:

Ethical Behavior and Dilemmas in Health Care Practice

This course will provide a brief overview of major ethical theories and the principles and concepts underlying them. The major focus of the course will be the presentation of a model for critical analysis and its application to specific ethical dilemmas in health care practice. Prerequisites: Grade 12 or permission of the instructor.

IHS 110-3.0: Assessment I

This course provides students with an introduction to the basic principles underlying the composition and application of assessment techniques in the helping process. A detailed and comprehensive assessment is crucial to facilitating this process. Assessment represents the foundation upon which the subsequent phases of planning, implementation, and evaluation are undertaken in the helping/caregiving field. Prerequisites: PSYCH 102, SOCI 102.

IHS 145-3.0: Introduction to Social Services

This course introduces the student to the general practice of social work. The general knowledge base and the skills of social work are outlined. Particular emphasis is placed on generalist practice in northern communities. The major work environments of social service workers are analyzed. The general aim is to assist students in evaluating their interests and capabilities for entering the professional social services. (This course transfers to University.) (3,0,0)

IHS 146-3.0: Social Policies and Procedures

The aim of this course is to familiarize students with the social policies and procedures of the Canadian welfare system. Historical and recent developments of social policy are considered. Assessments of the various remedies to policy issues, notably poverty, are also discussed. (This course transfers to University.) (IHS 142 & 144 were formerly offered as IHS 155.) (3,0,0) Prerequisite: IHS 141 or permission of instructor.

IHS 993: Interpersonal Communication

The course introduces the student to the basic processes and content of effective communication. It defines concepts such as self concept, perception, non-verbal communication and self-awareness in counselling. This course is geared toward the Human Service student but may be of interest to those with more advanced training interested in improving their basic communication skills. (3,0,0)

IHS 991: Helping Skills

This course introduces the student to various helping skills. It identifies helping strategies and provides opportunity for the practical application of these skills through role play and structured exercises. This course stresses the importance of cross-cultural awareness and addresses the reality of cultural differences. Individuals already employed in the social service may find this course beneficial as a refresher course in helping skills. (3,0,0) Prerequisite: IHS Interpersonal Communication or permission of the instructor.

IHS 167-3.0:

Introduction to Computers in Human Services

This course introduces social service workers to the use of computers. The main emphasis is on the principles and practice of word processing. (This course transfers to University in conjunction with IHS 168.) (1.5,2.0,0)

IHS 168-3.0: Computers in Human Services - Advanced

This is a continuation of the introductory course of computers

in the social services. In this course, students will learn advanced word processing features, data base, spreadsheets, hypercard and internet. This course consists of lectures and labs. (This course transfers to University in conjunction with IHS 167.) (3.5,3.5,0) Prerequisite: IHS 167.

IHS 175-3.0: Mental Health I

This course introduces students to historical and contemporary approaches to the issue of mental illness and mental health. Various approaches of defining personal problems and their cause in modern industrialized society will be examined. Particular emphasis will be given to the psychosocial rehabilitation model as it is used to facilitate community living for people in and rural areas with mental health challenges. A basic focus will be upon the values, skills and knowledge required to support an individual living with a mental health challenge in the community. Prerequisites: IHS 100, IHS 101.

IHS 185-3.0: Youth I

This course is designed to provide students with an overview of the practice of child and youth care in Canada. Specific topics covered include the juvenile justice system, child care in hospitals, community-based child care and infant development. Prerequisite: IHS 100.

IHS 191-3.0: Introduction to Social Service Agencies

This course provides an introduction to the agencies and facilities that provide human services in the community. The emphasis is on first-hand field experiences with visits to a wide variety of community resources and meeting the professional personnel who provide the services. (3,0,0)

IHS 192-3.0: Introduction to Social Service Practice

This course is designed to continue the preparation of the IHS student for a Block Practicum. It includes further study into the agencies and facilities in the community. The focus of the total program is on networking to ensure the student works in partnership with other agencies, community support groups and professionals in the field, as well as how to work in and with committees. The student will apply to practicum placements, be exposed to interviewing panels and finally choose a placement best suited to the student. The content of this course is for the student to develop and strengthen skills needed to analyze their own practice and apply theory to it. This course stresses the importance of cross-cultural awareness and addresses the reality of cultural differences. (3,0,0) Prerequisite: Successful completion of all course work to date with a G.P.A. of 2.5 and permission of the instructor.

IHS 193-3.0: Block Practicum

This course is a full-time placement at an approved agency following the completion of the academic semester. This practicum will allow the student to become thoroughly acquainted with the function of the agency and to learn to work within the structure in a social service worker capacity. This will include working with the consumer in a variety of roles such as: counselling, advocacy, education, group work and community development. (0,30,0) Prerequisite: Successful completion of all course work with a G.P.A. of 2.5 and permission of the instructor.

IHS 195-3.0: Addictions I

This course examines the development of substance abuse in today's society. The major categories of psychoactive drugs will be examined in depth including the physical and mental effects of these substances have had and continue to have on society. Prerequisites: IHS 100, IHS 101.

IHS 210-3.0: Assessment II

This course will introduce the student to the substantive aspects of assessment. The course will explore psychological, cognitive, and emotional aspects of assessment within the context of: family, culture, biological, socioeconomic and health care environments. Special attention will be placed on the relevance and need for caregivers to be able to utilize a case management approach in dealing with individuals, and/or families. Prerequisite: IHS 110.

IHS 215-3.0: Working with Persons of Differing Abilities

This course will introduce students to the theoretical perspectives in the field of special needs. Through examination of theory, values, and attitudes towards persons of differing abilities, the student will be able to be more effective in the caregiving setting and in providing service. Students will have an increased awareness of issues, legislation and types of care models when working with persons of differing abilities. Prerequisites: IHS 102, SOCI 205.

IHS 235-3.0:**Selected Issues in Community Service: Family Violence**

This course introduces the student to the issue of family violence in the context of the helping setting. It will explore the cycle of violence, the forms of violence both physical, emotional and sexual, as well as skills to effectively work with clients who must overcome these issues. How to develop family intervention plans will also be covered. Prerequisite: IHS 102, SOCI 205.

IHS 244-3.0: Community Development

This course will introduce the student to the theory and practice of community development. It is a continuation of a series of courses in the theory and practice of helping: interpersonal communication, helpings skills and group work. A social systems perspective will be used to examine how social change is initiated, supported and maintained. The class will research and present information about theoretical issues related to community development and participate in the initiation of a community initiative. (3,0,0) Prerequisite: IHS 262.

IHS 262-3.0: Group Theory and Practice

This course will provide the student with a basic understanding of group work, theory and practice. Topics of study include the various types of groups, group leadership, stages of group development, ethical issues and cultural issues. Students will research groups, facilitate and participate in a group. (3,0,0) Prerequisite: IHS 991.

IHS 275-3.0: Mental Health II

The purpose of this course is to give the student a broad overview of community mental health. The course integrates the field experience. The course will look at the decentralization of mental health services and will examine the current psychosocial model of rehabilitation. Consumer involvement and family and empowerment will be stressed along with the role of the worker in the process. Prerequisite: IHS 175.

IHS 276-3.0: Mental Health Practica

An integrated course in field experience in the Integrated Human Service Worker program that runs concurrently with the theory course IHS 275. The student is placed with an agency who shares their expertise and enables the student to practice skills learned in the Classroom. Prerequisite: Taken concurrently with IHS 275.

IHS 285-3.0: Youth II

This course will focus on contemporary strategies and issues related to child and youth care. Various provincial child care strategies will be examined in relation to the circumstances preceding the commissioning of the Gove Inquiry. Related topics will include examinations of the psychological and social impact of health care institutions upon child and youth care as well as the promotion of health care among children and youth. The final portion of this course will examine the child and youth care certification process in British Columbia and Alberta. Prerequisite: IHS 185.

IHS 286-3.0: Youth Practica

An integrated course in field experience in the Integrated Human Service Worker program that runs concurrently with the theory course IHS 285. The student is placed with an agency who shares their expertise and enables the student to practice skills learned in the Classroom. Prerequisite: Taken concurrently with IHS 285.

IHS 295-3.0: Addictions II

The purpose of this course is to introduce the student to the various approaches of treatment for those individuals who have a substance abuse problem. The various theories and perspectives in the field of substance abuse will be examined. Prerequisite: IHS 195.

IHS 296-3.0: Addictions Practica

An integrated course in field experience in the Integrated Human Service Worker program that runs concurrently with the theory course IHS 295. The student is placed with an agency who shares their expertise and enables the student to practice skills learned in the Classroom. Prerequisite: Taken concurrently with IHS 295.

IHS 375-3.0: Mental Health III

This course focuses on the application of the psychosocial rehabilitation model and individual and community support in the areas of education, employment, leisure and personal care for those individuals with mental health challenges. Topics to be included will be the current classification on mental health challenges and common intervention strategies. Prerequisite: IHS 275.

IHS 376-3.0: Mental Health Practica

An integrated course in field experience in the Integrated Human Service Worker program that runs concurrently with the theory course IHS 375. The student is placed with an agency who shares their expertise and enables the student to practice skills learned in the classroom. Prerequisite: Taken concurrently with IHS 375.

IHS 385-3.0: Youth III

In this course students will examine law enforcement, education, child development, and therapeutic techniques in the field of child and youth care. The course will also examine the effectiveness of youth care service delivery from a conceptual framework based upon established program evaluation criteria. Prerequisite: IHS 285.

IHS 386-3.0: Youth Practica

An integrated course in field experience in the Integrated Human Service Worker program that runs concurrently with the theory course IHS 385. The student is placed with an

agency who shares their expertise and enables the student to practice skills learned in the classroom. Prerequisite: Taken concurrently with IHS 385.

IHS 395-3.0: Addictions III

This course covers some of the contemporary issues as they relate to the field of addictions. It examines these issues in terms of: societal prevalence and historical beliefs and values. Topics covered include: economy, social control, political systems, the function of drugs and human behavior. Prerequisite: IHS 295.

IHS 396-3.0: Addictions Practica

An integrated course in field experience in the Integrated Human Service Worker program that runs concurrently with the theory course IHS 395. The student is placed with an agency who shares their expertise and enables the student to practice skills learned in the classroom. Prerequisite: Taken concurrently with IHS 395.

English 151-3.0: Technical Writing I

See the University Credit section for course description.

Psychology 101-3.0: Introductory Psychology I

See the University Credit section for course description.

Psychology 102-3.0: Introductory Psychology II

See the University Credit section for course description.

Psychology 201-3.0: Developmental Psychology I

See the University Credit section for course description.

Psychology 202-3.0: Developmental Psychology II

See the University Credit section for course description.

Psychology 221-3.0: Abnormal Psychology and Therapy I

See the University Credit section for course description.

Sociology 101-3.0: Introductory Sociology I

See the University Credit section for course description.

Sociology 101-3.0: Introductory Sociology II

See the University Credit section for course description.

Sociology 205-3.0: Sociology of the Family

See the University Credit section for course description.

Sociology 206-3.0:**The Family in Cross-Cultural Perspective**

See the University Credit section for course description.

MARINE STUDIES

(Prince Rupert Campus)

The Marine Department of Northwest Community College at the Prince Rupert centre offers a wide variety of courses for professional mariners and for those persons who wish to upgrade their theoretical knowledge in the area of nautical studies.

Mariners may enroll for the following full-time programs, which are delivered as preparation for Department of Transport certification:

- Command Endorsement
- Watchkeeping Mate
- Fishing Master II, III and IV

Other courses are offered on a non-scheduled, as requested basis. These include:

- coastal navigation
- charter boat operator
- introduction to marine shipping operations
- stability for port operators
- basic vessel safety course MED A1
- small vessel safety course MED A2
- gill net mending
- gill net mending and hanging
- efficient fish boat operator

Students may be able to join the full-time programs after the start date. To do so, or to be waitlisted for one of the part time programs, contact the Marine Department at the Prince Rupert centre.

ADMISSION REQUIREMENTS

Students should be aware that the D.O.T. has both sight and sea time requirements for persons intending to write their exams. It is therefore recommended that students attempting DOT exams obtain approval from the Ship Safety Department of Canadian Coast Guard before applying to the program.

HOW TO APPLY

Applications are available from the College. As the number of spaces for each course is limited, applications should be submitted as early as possible.

FEES

For details see the General Information section.

Full course fees should be paid prior to the commencement of the program. As PMTI fees are included in some of the courses and may change, students should contact the College for accurate information when applying to the program.

FINANCIAL AID AND SPONSORSHIP

Please see the Financial Aid Sources section.

PROGRAM OUTLINE

Command Endorsement

NAUT 072	Meteorology
NAUT 090	Ship Management
NAUT 160	General Seamanship
NAUT 294	MED C
NAUT 295	MED D
NAUT 323	SEN II

Watchkeeping Mate

NAUT 041	Chartwork and Pilotage
NAUT 061	Navigation Safety
NAUT 151	General Ship Knowledge
NAUT 161	General Seamanship
NAUT 291	MED A2
NAUT 292	MED B I
NAUT 293	MED B II
NAUT 300	Mathematics for Mariners
NAUT 321	SEN IA
NAUT 322	SEN IB
NAUT 330	Restricted Radio Operator

Fishing Master II

Completion of all FM III courses plus:

NAUT 072	Meteorology
NAUT 099	Ship Management
NAUT 168	General Seamanship
NAUT 293	MED B II
NAUT 321	SEN IA
NAUT 322	SEN IB

Fishing Master III

NAUT 011	Communications
NAUT 020	Navigating Instruments
NAUT 041	Chartwork and Pilotage
NAUT 061	Navigation Safety
NAUT 157	General Ship Knowledge

NAUT 167	General Seamanship
NAUT 291	MED A II
NAUT 300	Mathematics
NAUT 311	Standard First Aid
NAUT 330	Restricted Radio Operator

Fishing Master IV

NAUT 020	Navigating Instruments
NAUT 040	Chartwork and Pilotage
NAUT 061	Navigation Safety
NAUT 167	General Seamanship
NAUT 291	MED A II
NAUT 300	Mathematics for Mariners
NAUT 311	Occupational First Aid Level I and Transportation Endorsement
NAUT 330	Restricted Radio Operator

Correspondence Programs

For mariners who prefer to study at home or while at sea, NWCC has developed a number of self instructional modules to help students prepare for specific DOT examinations. Students work on their own, but free tutorial help is available by telephone or a student may work with a tutor at the College when time permits.

Modules currently available:

NAUT 040S	Chartwork and Pilotage
NAUT 041S	Chartwork and Pilotage
NAUT 061S	Navigation Safety
NAUT 151S	General Ship Knowledge
NAUT 157S	General Ship Knowledge

COURSE DESCRIPTIONS

NAUT 011: Communications

This course deals with basic skills, and theoretical principles of marine communication; knowledge and practical usage of the +Code of International Signals+, coding and decoding of messages. Course duration: 35 lecture hours.

NAUT 020: Navigating Instruments

This course will provide the student with basic knowledge of operation and principles of the electronic navigation systems in use. Topics include performance of simple radar plot, understanding of the function of the echo sounder, Loran C navigation system, marine radar. Course duration: 105 lecture hours.

NAUT 040: Chartwork and Pilotage

This course will provide the basic knowledge of various methods of determining ship's position, accuracy and errors in chartwork, preparation for pilotage, usage of various navigation aids and tools, usage of nautical publications, knowledge of navigation in confined waters, understanding and calculations of the tides. Course duration: 140 lecture hours.

NAUT 041: Chartwork and Pilotage

This course deals with various methods of determining ship's position, accuracy and errors in chartwork, preparation for pilotage, usage of various navigation aids and tools, usage of nautical publications, knowledge of navigation in confined waters, understanding and calculations of the tides. Course duration: 196 lecture hours.

NAUT 061: Navigation Safety

This course deals with the application and interpretation of the International Regulations for preventing collisions at sea and their Canadian modifications, Recommended Code of Navigation Practices and Procedures. Course duration: 63/56 lecture hours.

NAUT 072: Meteorology

This course will provide the basic knowledge of the atmosphere, temperature, clouds, wind, atmospheric pressure, air masses, fog, ocean currents, revolving storms, ice, forecasting and other meteorological phenomena. The course is designed specifically for mariners. Course duration: 140 lecture hours.

NAUT 090/099: Ship Management

This course deals with organization of crew for emergencies, drills, maintenance; basic knowledge of CSA regulations relating to registration of ships, port wardens and ship inspections, limitation of liability, pilotage act and more, quarantine regulations, tonnage certificates, elementary knowledge of charter parties; basic principles of ship's stability. Course duration: 133 lecture hours.

NAUT 151: General Ship Knowledge

This course is divided in four sections: CSA regulations, cargo work, ship construction and stability. CSA regulations discussed are the oil pollution, tackle, garbage, safe manning, and other. Stability section deals with the basic principles including calculations of metacentric height, shift of the centre of gravity, change of the trim, and other. Construction covers some basic knowledge and terminology used. Cargo work deals with different systems of rigging, and equipment used. Course duration: 210 lecture hours.

NAUT 157: General Ship Knowledge

This course is divided into four sections: CSA regulations, construction of small fishing vessel, stability and deck rigging equipment. Each section provides knowledge and understanding of basic principles. Section on CSA regulations deals with the pollution, garbage, tackle and other regulations. Course duration: 140 lecture hours.

NAUT 160: General Seamanship

This course is the final preparation for the oral examination for command endorsement students. Course duration: 35 hours.

NAUT 161/167/168: General Seamanship

This course is the final preparation for the oral examination. The course covers some practical knowledge of rigging, bridge discipline and bridge organization, theoretical knowledge of ship's manoeuvring, duties and responsibilities of the officer on watch, practical knowledge of anchors and mooring lines, and others. Course duration: 35/42/35 hours.

NAUT 291: Small Vessel Safety Course MED A2

This course provides understanding of the hazards associated with the marine environment; prevention of shipboard fires and other accidents; provides knowledge and skills required to fight small shipboard fires; provides knowledge and skills to abandon the vessel safely in emergency situations. The course is approved by the Canadian Coast Guard. Course duration: 26 lecture hours.

NAUT 292: Survival Craft - MED B1

Course to be taken at PMTI, Vancouver.

NAUT 293: Marine Fire Fighting - MED B2

Course to be taken at PMTI, Vancouver.

NAUT 294: Officer Certification - MED C

Course to be taken at PMTI, Vancouver.

NAUT 295: Senior Officer - MED D

Course to be taken at PMTI, Vancouver.

NAUT 300: Mathematics for Mariners

This course is designed specifically to refresh the knowledge of basic mathematics. Lecture topics include fractions, decimals, percent, squares, square roots, transposition of formula, sine and cosine curve, speed formula, angles and triangles. Course duration: 35 lecture hours.

NAUT 311: Occupational First Aid Level I and Transportation Endorsement

This course will provide the knowledge of how to manage emergencies aboard the vessel; CPR and first aid; controlling blood loss and assisted breathing. Course duration: 18 hours.

NAUT 321: Simulated Electronic Navigation SEN IA

This course deals with the principles and operation of various electronic navigation systems. Understanding and practical application of radar plotting for collision avoidance. The course is approved by Canadian Coast Guard. Course duration: 140 lecture hours.

NAUT 322: Simulated Electronic Navigation - SEN 1B

Course to be taken at PMTI, Vancouver.

NAUT 323: Simulated Electronic Navigation - SEN II

Course to be taken at PMTI, Vancouver.

NAUT 330: Restricted Radio Operator

This course is designed to prepare the student to earn their restricted radio operator's licence. Course duration: 7 lecture hours.

NATURAL RESOURCES

(A strategic planning process is currently under way to determine the optimum locations for delivery of the Certificate and Diploma Levels of the Natural Resources Program.)

The Natural Resources Program at Northwest Community College is an integrated co-operative program in Natural Resources Technology. Under this format, a one year Natural Resources Certificate level is offered which ladders into a further 1.5 year Technology diploma in Forest Technology, Integrated Resources Management, or Coastal Integrated Resource Management. Those who wish to enter the Natural Resources program and do not have the required prerequisites may enroll in Career and College Prep or a Transition program to upgrade their education and then enter the program at the Certificate Level.

The Certificate level will be offered at several centres throughout the College region. The Forest Technology, Integrated Resources Management, and Coastal Integrated Resources Management Diploma levels will be offered in specific centres. For further information, contact an Educational Advisor.

CO-OPERATIVE EDUCATION

The Natural Resources program is offered to students as an optional Co-op or non-Co-op. See the Co-operative Education section in the "Services for Students" section of this calendar.

CLOTHING

Students will need outdoor clothing, rain gear, boots and a hard hat in order to be prepared for a variety of terrain and weather conditions while in the program and on the job. More detailed information can be provided by contacting an Educational Advisor.

Students entering the Certificate Level should be prepared to participate in physically rigorous field exercises in all types of terrain and weather conditions.

EQUIPMENT

A list of equipment will be supplied upon acceptance into the Natural Resources program.

FEES

Please see the General Information section.

EXPECTED ADDITIONAL COSTS**Certificate Level (Term 1 and 2)**

Fall Camp (room & board)	approx.	\$ 250.00
Personal Equipment	approx.	500.00
Texts	approx.	900.00
Co-op Fees (Optional)		260.00
Handout materials		100.00
Book and Tool deposit		50.00

Diploma Level (Term 3, 4 and 5)

Term 4 Extended Field Trip	approx.	\$ 400.00
Texts	approx.	1,200.00
Co-op Fees (Optional)		260.00
Handout materials		100.00
Book and Tool deposit		50.00

(fees subject to change without notice)

FINANCIAL AID AND SPONSORSHIP

Please see the Financial Aid Sources section.

ADMISSION REQUIREMENTS

We anticipate receiving additional funds which will enable us to offer the Natural Resources program more widely. The receipt of these funds may require that priority admission be given to identified groups.

Certificate Level

The admission requirements for entry into the Certificate Level of the Natural Resources program are designed to address basic knowledge and skills in Math, English comprehension, written communication, and Biology and Chemistry. An interest in a career in Natural Resources should be demonstrated.

1. English 12 *or* English 045 *or* 050 with a minimum of C *or* satisfactory performance in the program's English Placement Test.
2. Math 11 *or* Math 040 with a minimum of C *or* satisfactory performance in the program's Math Placement Test.
3. Biology 11 *or* Biology 040 with a minimum of C *or* satisfactory performance in the program's Biology Placement Test.

4. Chemistry 11* or Chemistry 040* is highly recommended.

*** NOTE:**

Commencing Fall/98, Chemistry 11 or Chem 040 will be required for entry to the Certificate level.

If you are planning to continue in the Coastal Integrated Resources Management Diploma Option, (Planned for 1998/99) you will be required to have completed Chem 11 or Chem 040 prior to starting the diploma year.

Other Requirements - Certificate Level

1. Students are required to submit an up-to-date summary of their educational, work and related life experiences; *and*
2. Submit two letters of reference; *and*
3. Submit a one page letter as to why they would like to enter the Natural Resources Program Certificate level.

The letters of reference should be from employment or academic references who support the student's decision to enter the program.

Note:

It is not the intention of the above requirements to screen applicants, but rather to motivate candidates to seriously evaluate their career goals before applying for this rigorous academic program.

Diploma Level

There are three options available at the Diploma Level;

1. Coastal Integrated Resources Management
(planned for 1998/99)
2. Forest Technology, and
3. Integrated Resources Management.

Admission into the Diploma Level Courses requires successful completion of individual course prerequisites.
Note: Chem 11 or Chem 040 is a pre-requisite for the Coastal Integrated Resources Management Diploma Level.

HOW TO APPLY

1. Applications can be obtained from your local College centre and can be submitted at any time.
2. At the time of printing the location(s) for this program has not been determined. Contact your nearest NWCC centre for current information on where to submit your application.

PROGRAM OUTLINES

CERTIFICATE LEVEL

In order to receive a certificate students must obtain a minimum grade of "C-" in University Credit courses and a minimum grade of "C" in all other courses and have a minimum "C" average overall.

Term I (September - December)

Italic indicates University Credit course.

- BIOL 101-3 *Biology I: Cells, Diversity and Physiology*
 COOP 100-2 Co-op Work Orientation
 CPSC 111-3 *An Introduction to Computers - continues through Term 2*
 ENGL 151-3 *Technical Writing I*
 FAID 110-5 Occupational First Aid Level 1
 FAID 125-5 Occupational First Aid Transportation Endorsement
 MATH 161-4 Applied Math
 NRES 100-3 Outdoor Safety I - *continues through Term 2*
 NRES 110-2 Introduction to Natural Resources
 NRES 152-4 Surveying
 NRES 153-4 Silvics and Dendrology
 SSUC 100-1 Student Success

Term II (January - April)

Italic indicates University Credit course.

- ANTH 111-3 *Native Peoples of Canada*
 BIOL 102-3 *Introductory Biology II: Genetics, Evolution and Ecology*
 CPSC 111 *(Continues from Term I)*
 GEOG 160-3 *Physical Geography II: Geology, Geomorphology and Soils (Continues from Term I)*
 NRES 100 *(Continues from Term I)*
 NRES 120-3 Cartography
 NRES 130-4 Data Collection
 NRES 140-3 Fish and Wildlife
 NRES 150-2 Soil Physical Characteristics
 NRES 290-6 Co-op Work Term I - *Optional (May-August)*

DIPLOMA LEVEL

Coastal Integrated Resources Management Option (Not offered in 1997/98 - Planned for 1998/99)

In order to receive a diploma students must obtain a minimum grade of "C-" in University Credit courses and a minimum grade of "C" in all other courses and have a minimum "C" average overall.

Term III A - Summer Session (May)

Italic indicates University Credit course.

- CIRM 101-2 Salmon Identification and Management
 CIRM 102-2 Pacific Herring and Groundfish Identification Management
 CIRM 103-2 Fisheries Regulations

Term III B (September - December)

Italic indicates University Credit course.

- BIOL 201-3 *Invertebrate Zoology*
 CHEM 101-3 *Introductory Chemistry I*
 CIRM 201-2 Shellfish Identification, Management and Testing Techniques
 CIRM 202-1 Commercial Fishing Methods
 CIRM 250-4 Coastal Integrated Resources Management I
 GEOG 150-3 *Physical Geography II: Biogeography, Meteorology and Climatology*
 NRES 225-3 Management Skills
 OCGY 208-3 *Introduction to Physical, Chemical and Geological Oceanography*

Term IV (January - April)

Italic indicates University Credit course.

- ANTH 112-3 *Native Peoples of British Columbia*
 BIOL 203-3 *Non-Vascular Plants and Fungi*
 CHEM 102-3 *Introductory Chemistry II*
 CIRM 203-4 Water Quality Testing Procedures
 CIRM 204-1 Marine Mammals and Birds
 CIRM 255-4 Coastal Integrated Resources Management II - Project
 ENGL 152-3 *Advanced Technical Writing II*
 MATH 131-3 *Introduction to Statistics*
 OCGY 209-3 *Introduction to Biological Oceanography*
 CIRM 490-6 Co-op Work Term II - *Optional (May - August)*

Term V (September - December)

Italic indicates University Credit course.

- CIRM 301-3 Navigation, Chartwork, and Small Boat Safety
 CIRM 302-4 Monitoring and Management of Marine Pollution
 CIRM 303-4 Fish Habitat and Restoration
 CIRM 304-4 Aquaculture Methods
 GEOG 204-3 *Introduction to Spatial Analysis and GIS*
 NRES 205-3 Sampling Design
 NRES 215-3 Policy and Legislation
 NRES 220-3 Tourism, Parks, Recreation
 NRES 230-2 Wilderness Survival

Forest Technology Option

In order to receive a diploma students must obtain a minimum grade of "C-" in University Credit courses and a minimum grade of "C" in all other courses and have a minimum "C" average overall.

Term III (September - December)

Italic indicates University Credit course.

- FRST 259-3 Fire Science
 FRST 345-4 Resource Inventory
 FRST 373-3 Soils and Hydrology
 FRST 375-4 Silviculture 1
 FRST 377-4 Forest Engineering 1
 FRST 461-4 Log Scaling
 FRST 480-3 Forest Entomology
 FRST 481-3 Forest Pathology

Term IV (January - May)

Italic indicates University Credit course.

- ANTH 112-3 *Native Peoples of B.C.*
 FRST 305-3 Integrated Resource Management I
 FRST 475-4 Silviculture II
 FRST 477-4 Forest Harvesting
 GEOG 204-3 *Introduction to Spatial Analysis and GIS*
 MATH 131-3 *Introduction to Statistics*
 NRES 215-3 Policy and Legislation
 NRES 210-3 Aerial Photo Interpretation
 NRES 220-3 Tourism and Recreation
 NRES 230-2 Wilderness Survival
 FRST 490-6 Co-op Work Term II - *Optional (May - December)*

Term V (January - April)*Italic indicates University Credit course.*

ENGL 152-3	Technical Writing II
FRST 310-3	Integrated Resource Management II
FRST 482-3	Forest Products
FRST 362-3	Business Studies
FRST 565-4	Silviculture III
FRST 578-4	Forest Engineering II
NRES 225-3	Management Skills

Integrated Resources Management Option*In order to receive a diploma students must obtain a minimum grade of "C" in all courses.***NOTE:***Prerequisites have not been established for all courses in the Integrated Resources Management Diploma option. See the instructor or Coordinator in the Natural Resources Program for details.***Term III (September - December)***Italic indicates University Credit course.*

GEOG 150-3	Physical Geography I: Biogeography, Meteorology & Climatology
GEOG 203-3	Geomorphology
GEOG 207-3	Soils and Hydrology
IRM 270-4	Silviculture Methods
IRM 275-4	Rehabilitation and Restoration
IRM 260-4	Resource Utilization

Term IV (January - April)*Italic indicates University Credit course.*

ANTH 112-3	Native Peoples of B.C.
ENGL 152-3	Technical Writing II
GEOG 204-3	Introduction to Spatial Analysis and GIS
MATH 131-3	Introduction to Statistics
NRES 210-3	Aerial Photo Interpretation
NRES 215-3	Policy and Legislation
NRES 220-3	Tourism and Recreation
NRES 230-2	Wilderness Survival
NRES 225-3	Management Skills
IRM 490-6	Co-op Work Term II - <i>Optional</i> (May - August)

Term V (September - December)*Italic indicates University Credit course.*

BIOL 211-3	Principles of Ecology
GEOG 202-3	Geography of Ecosystems
IRM 250-4	Integrated Resources Management I
IRM 255-4	Integrated Resources Management II - Project
IRM 265-4	Biodiversity/Habitat
IRM 280-4	Fish Biology and Management
IRM 285-4	Wildlife Biology and Management

COURSE DESCRIPTIONS**ANTH 111-3.0: Native Peoples of Canada**

See the University Credit section for course description.

ANTH 112-3.0: Native Peoples of B.C.

See the University Credit section for course description.

BIOL 101-3.0: Introductory Biology I: Cells, Diversity and Physiology

See the University Credit section for course description.

BIOL 102-3.0: Introductory Biology II: Genetics, Evolution and Ecology

See the University Credit section for course description.

BIOL 201-3.0: Invertebrate Zoology

See the University Credit section for course description.

BIOL 203-3.0: Non-Vascular Plants and Fungi

See the University Credit section for course description.

BIOL 211-3.0: Principles of Ecology

See the University Credit section for course description.

CHEM 101-3.0: Introductory Chemistry I

See the University Credit section for course description.

CHEM 102-3.0: Introductory Chemistry II

See the University Credit section for course description.

CIRM 101-2.0: Salmon Identification and Management

This course focuses on the identification and management of salmon species in B.C. Topics covered include identification of the various salmon and trout species in B.C. as adults, fry, and smolts, the migration behaviour of different salmon species, the habitats required for each life cycle stage, meth-

ods for estimating spawning salmon stocks and making catch estimates, management practices for salmon stocks, and the salmonid enhancement program.

CIRM 102-2.0: Pacific Herring and Groundfish Identification and Management

This course focuses on the identification and management of Pacific herring and groundfish species in B.C. Topics covered include identification, life cycles, distribution, behaviour patterns, and catch estimates of herring species, identification and catch estimates of flatfish, rockfish, roundfish, and sharks, and herring and groundfish management practices.

CIRM 103-2.0: Fisheries Regulations

This course focuses on the regulation and enforcement of the fishing industry. Topics covered include fishing boundaries, opening and closings, acts, regulations, and bylaws governing fishing, and conducting all aspects of an investigation into a fisheries violation.

CIRM 201-2.0: Shellfish Identification, Management and Testing Techniques

This course focuses on the identification, management and testing techniques for shellfish species in B.C. Topics covered include identification of molluscs, crustaceans, and echinoderms, life cycle of shellfish, shellfish contamination, shellfish population surveys, managing shellfish stocks, and shellfish poisoning testing techniques.

CIRM 202-1.0: Commercial Fishing Methods

This course focuses on the identification of the various types of commercial fishing operations carried out in B.C. Topics covered include identifying commercial gear types, understanding how commercial gear works, distinguishing between the different types of herring fisheries, distinguishing between the different types of aquaculture operations, getting fish to the market, identifying sport fishing gear and methods, and identifying aboriginal fishing gear.

CIRM 203-4.0: Water Quality Testing Procedures

This course focuses on the procedures involved in testing marine water quality. Topics covered include testing techniques for acidity, alkalinity, carbon dioxide, pH, chlorinity, salinity, temperature, dissolved oxygen, BOD, dissolved nitrogen, dissolved phosphorous, water hardness, water turbidity, chlorophyll, fecal coliforms, chlorine, lignins and tannins, and heavy metals.

CIRM 204-1.0: Marine Mammals and Birds

This course focuses on the identification of marine bird and mammal species in B.C. Topics covered include identification of cetaceans, pinnipeds, tubenoses, and gulls.

CIRM 250-4.0: Coastal Integrated Resources Management I

An advanced course in coastal integrated resources management at the planning and field levels. Public processes and land use planning are discussed in detail, as well as applicable legislation and procedures in integrated resources planning.

CIRM 255-4.0: Coastal Integrated Resources Management II - Project

This course provides students with hands-on experience in land use planning by completing a real life project in a teamwork atmosphere. Students are given responsibility to collect data and conduct research, and are expected to provide a detailed analysis of the results.

CIRM 301-3.0: Navigation, Chartwork, and Small Boat Safety

This course focuses on the use of marine charts, course plotting, and safe handling of small boats. Topics covered include navigation, charts and nautical measurements, navigational instruments, course-plotting and location finding, nautical rules of the road, boat inspection and maintenance, use of a boat trailer, boat handling in different water conditions, docking and anchoring, and emergencies at sea.

CIRM 302-4.0: Monitoring and Management of Marine Pollution

This course focuses on the study of marine pollution, pollution monitoring, and the problems associated with different types of marine pollution. Topics covered include affects of pollutants on organisms, methods of monitoring pollutants, the Mussel Watch Program, sewage pollution and eutrophication, petroleum hydrocarbons, radioactive waste, organic pollutants, metals and mine tailings, pulp and paper processing effluents, and local pollution issues.

CIRM 303-4.0: Fish Habitat and Restoration

This course focuses on processes that influence fish habitat, habitat surveys and inventories, and habitat improvement and restoration. Topics covered include natural processes which affect habitats, the effects of resource development on fish habitats, measures used to prevent or control damage, signs of habitat degradation, stream surveying, habitat improvement and restoration, coastal habitat inventory, and the coastal forestry guidelines.

CIRM 304-4.0: Aquaculture Methods

This course focuses on the development of mariculture in B.C. and the techniques employed in various mariculture facilities. Topics covered include finfish, crustacean, echinoderm, mollusc, and seaweed mariculture.

COOP 100-2.0: Work Orientation

This course, in a workshop format, involves students in role plays, seminars and practical assignments that prepare them to obtain suitable employment. Emphasis will be on preparation of resumes and covering letters and practising interview skills.

CPSC 111-3.0: An Introduction to Computers

See the University Credit section for course description.

ENGL 151-3.0: Technical Writing I

See the University Credit section for course description.

ENGL 152-3.0: Technical Writing II

See the University Credit section for course description.

FAID 110-0.5: Occupational First Aid Level I

This first aid course gives students a WCB Occupational Level 1 Endorsement.

FAID 125-0.5:**Occupational First Aid Transportation Endorsement**

See the University Credit section for course description.

FRST 259-3.0: Fire Science

Forest fire behaviour, effects and ecology are reviewed. Topics include fire prevention, detection, suppression, fuel loading, prescribed burning, and smoke management. Prerequisite: ENGL 151.

FRST 305-3.0: Integrated Resource Management Planning I

This course introduces students to integrated resources management at the field level as well as the planning level. Public process and land use planning are discussed. Prerequisites: FRST 340, GEOG 160, BIOL 102, NRES 140, ENGL 151.

FRST 310-3.0: Integrated Resource Management Planning II

This course provides students with hands-on experiences in land use planning by completing a real life project in a teamwork atmosphere. Students are given the responsibility to collect data and conduct research so that their IRM Plan is relevant. Prerequisites: FRST 305.

FRST 345-4.0: Resource Inventory

Students improve their timber cruising skills and learn new surveys and concepts related to forest measurements and mensuration. Topics include stratification, cruise design, check cruising, cruise compilation site index, forest inventory phases, growth and yield permanent sample plots, computer modelling, and AAC calculation. Prerequisites: NRES 130, MATH 161, FRST 152, FRST 153, NRES 120. Corequisite: MATH 131.

FRST 362-3.0: Business Studies

This course is designed to give students a basic understanding of small business principles. Emphasis is placed on developing a Business and Marketing Plan and bidding on a project. Topics include entrepreneur traits, types of ownership, business start-up steps, legal obligations, financing, record keeping, preparation of bids, and contract management. Prerequisites: MATH 161, ENGL 151.

FRST 373-3.0: Soils & Hydrology

This course emphasizes hydrological principles and considerations for the prevention of soil degradation and mass wasting with respect to forest roads and harvesting. This course introduces the properties of different types of soils and refines the student's knowledge of soil orders. Prerequisites: GEOG 160, NRES 150, BIOL 102.

FRST 375-4.0: Silviculture I

This course introduces the student to the Practice of Silviculture in B.C. by examining an initial 7 components of this practice. Topics covered range from the application of ecosystem classification and environmental factors affecting seedlings, to planting project supervision and silvicultural surveys. Course emphasis is on field and practical applications. Silviculture 1 builds a foundation of knowledge and skills for Silviculture 2 and 3. Prerequisites: BIOL 101, BIOL 102, FRST 153, NRES 150, NRES 120, GEOG 160. Corequisite: FRST 372.

FRST 377-4.0: Forest Engineering I

This course is designed to familiarize the student with the basic concepts of forest road engineering as they relate to road construction and forest harvesting considerations. Topics discussed include soil classification and identification, forest road design, field location and surveying of forest roads, culvert and bridge design, construction and equipment applications and costing. Prerequisites: GEOG 160, NRES 120, NRES 150, MATH 161, FRST 152.

FRST 461-4.0: Log Scaling

Topics include scaling regulations, stick scaling, log grading, weigh scale sampling, and residue and waste surveys. Prerequisites: FRST 340, FRST 153.

FRST 475-4.0: Silviculture II

This course builds on topics and concepts introduced to students in Silviculture 1. By the end of this course, students will be provided with the basic skills and knowledge required to challenge the Provincial Silvicultural Surveyor Accreditation exam, if desired. Topics covered range from vegetation management, forest health concerns during surveys, and treatment recommendation, to an introduction to silviculture systems and (pre-harvest) silvicultural prescriptions. Field trips will include an extended tour of forestry operations outside the region. Prerequisites: FRST 375, FRST 372.

FRST 477-4.0: Forest Harvesting

This course introduces the student to harvesting methods and equipment used in B.C. Topics include harvesting systems and phases, site constraints, costs, WCB safety regulations, industry organization structures, total chance plans, cutting permit documents, harvesting inspections, stumpage appraisal worksheets, and environmental concerns. Students prepare a Harvesting Plan and Schedule. Prerequisites: FRST 372, FRST 153, FRST 377.

FRST 480-3.0: Forest Entomology

Provides students with a working knowledge of forest insects. Topics include identification, life cycles, detection, damage, control and management. Prerequisites: BIOL 101, FRST 153.

FRST 481-3.0: Forest Pathology

Provides students with a working knowledge of forest diseases. Topics include identification, life cycles, detection, damage, control and management. Prerequisites: BIOL 101, FRST 153.

FRST 482-3.0: Forest Products

This course introduces students to various commercial woods of Canada with emphasis on those found in B.C. Topics include wood structure, identification, strength, physical properties, chemistry and products. Various products are discussed and visits are made to view manufacturing facilities and processes.

FRST 490-6.0: Co-op Work Term II**FRST 578-4.0: Forest Engineering II**

This course provides students with hands-on computer road design skills using Road Eng software and practical field skills in applying harvesting engineering theory in a field environment. Field projects will be managed by the students to further develop and practise their leadership skills. Prerequisites: FRST 377, FRST 477.

GEOG 150-3.0: Physical Geography I: Biogeography, Climatology and Meteorology

See the University Credit section for course description.

GEOG 160-3.0: Physical Geography: Geology, Geomorphology and Soils

See the University Credit section for course description.

GEOG 202-3.0: Geography of Ecosystems

See the University Credit section for course description.

GEOG 203-3.0: Geomorphology

See the University Credit section for course description.

GEOG 204-3.0: Introduction to Spatial Analysis & Geographical Information Systems

See the University Credit section for course description.

GEOG 207-3.0: Soils/Hydrology

See the University Credit section for course description.

IRM 250-4.0: Integrated Resources Management I

An advanced course in integrated resources management at the planning and field levels. Public processes and land use planning are discussed in detail, as well as applicable legislation and procedures in integrated resources planning.

IRM 255-4.0: Integrated Resources Management II

This course provides students with hands-on experience in land use planning by completing a real life project in a teamwork atmosphere. Students are given the responsibility to collect data and conduct research, and are expected to provide detailed analysis of the results.

IRM 260-4.0: Resource Utilization

This course examines harvesting methods, utilization techniques and the associated environmental effects for a wide variety of resources including forests, energy, minerals, fish and wildlife.

IRM 265-4.0: Biodiversity/Habitat

Introduction to the concept of the sustainable land base. Application of methods in identifying and managing for environmental concerns such as biodiversity, critical habitat, genetic diversity, wildlife corridors, alternative forest ecosystem products, use of biodiversity guidelines and rare and endangered species. Detailed discussion about the traditional First Nations use and management of plants and other components of the forest ecosystem.

IRM 270-4.0: Silvicultural Methods

An examination of the components of silvicultural methods, the treatments associated with those components, and the collection of data to support treatments. Students will gain an understanding of the actual silvicultural treatments used in the field.

IRM 275-4.0: Rehabilitation & Restoration

Methods of watershed, slope and landscape stabilization and rehabilitation, including hydrological, engineering and revegetation solutions. Students will work in the field to examine the broader aspects of rehabilitation and restoration techniques and to analyse and formulate solutions to sites requiring stabilization and restoration.

IRM 280-4.0: Fish Biology & Management

A course in Biology regarding the methods and practice of fish management including on-site analysis of fish management problems associated with resource extraction.

IRM 285-4.0: Wildlife Biology & Management

A course in the methods and practice of wildlife management including field study of management issues arising from natural and industrial disturbances to habitat and populations.

MATH 131-3.0: Introduction to Statistics

Please see the University Credit section for the course description.

MATH 161-4.0: Applied Math

Topics include fractions, order of operations, proportion and rate, perimeter, area and volume, trigonometry, algebra, graphics, business math and statistics. Prerequisite: Math 11 or Math 040 with a minimum of C or satisfactory performance in the programs Math Placement test.

NRES 100-3.0: Outdoor Safety

This course offers several certifiable and non-certifiable safety training modules necessary for effective and safe employment in outdoor occupations. Topics include emergency proce-

dures, equipment checklists, radio operations, WHMIS, 4-wheel drive operations, ATV operations, powersaw operation and safety, helicopter safety, water safety, foodsafe, bear aware and heavy equipment safety.

NRES 110-2.0: Introduction to Natural Resources

This course will provide an introduction to natural resource management. Issues of sustainability, balanced human use, ecologically responsible management and their implications will be explored.

NRES 120-3.0: Cartography

This course introduces the student to basic drafting techniques, map reading, drafting skills and air photos.

NRES 130-4.0: Data Collection

Students will be introduced to natural resource measurement and data collection skills relevant to forestry and other environment employment areas. Prerequisites: NRES 120, GEOG 160, MATH 161, FRST 152, FRST 153. Corequisite: NRES 120, GEOG 160.

NRES 140-3.0: Fish & Wildlife

Class and field work develop the student's perception of fish and wildlife signs and area usage. Habitat requirements are considered from a management perspective. Prerequisites: BIOL 101, FRST 153, ENGL 151. Corequisites: NRES 120, BIOL 102.

NRES 150-2.0: Soil Physical Characteristics

Students are introduced to the physical, chemical and biological properties, analysis, genesis and classification of soils with emphasis on factors which influence plant growth. Prerequisite/Corequisite: GEOG 160.

NRES 152-4.0: Surveying

This introductory surveying course provides the student with skills in compassing, horizontal distance measuring methods, leveling, closed traversing and area determination.

NRES 153-4.0: Silvics & Dendrology

This course emphasizes tree, shrub and plant identification. The course will introduce the concept of plant associations, forest types and biogeoclimatic zoning of British Columbia. Assembly of a tree and shrub herbarium collection is the major course project.

NRES 210-3.0: Aerial Photo Interpretation

This course is to refine student proficiency in air photo interpretation and transfer of photo detail to maps. A lesser

emphasis will be placed on familiarizing the student to the science of remote sensing and how it can be used in resource management. Prerequisites: GEOG 160, NRES 120.

NRES 215-3.0: Policy & Legislation

Students will review the various B.C. Acts and Regulations pertaining to natural resources management. Current legislation and issues will be emphasized.

NRES 220-3.0: Tourism & Recreation

This course emphasizes resource management considerations for recreation and tourism in northwest B.C. Topics include wilderness and park management, visual quality objectives in travel corridors, awareness of tourism and recreation opportunities, resource conflicts, integrated resource management planning recreation site and trail planning, and local issues. Guest speakers are utilized to enhance learning of different tourism and recreation sector perspectives.

NRES 225-3.0: Management Skills

Management skills is designed to enhance the students' understanding of human relations skills, supervisory skills, and leadership skills.

NRES 230-2.0: Wilderness Survival

This is a skill module that teaches the student basic and advanced skills in wilderness survival. Students spend two nights practicing survival in cold weather.

NRES 290-6.0: Co-op Work Term I**NRES 565-4.0: Silviculture III**

This course focuses on intensive and incremental stand tending treatments, as well as advanced partial cutting prescriptions. Students will practice making spacing, pruning and fertilization prescriptions, and will design, prescribe and layout a partial cut harvest block. Prerequisites: FRST 375, NRES 100.

OCGY 208-3.0: Introduction to Physical, Chemical and Geological Oceanography

See the University Credit section for course description.

OCGY 209-3.0: Introduction to Biological Oceanography

See the University Credit section for course description.

SSUC 100-1.0: Student Success

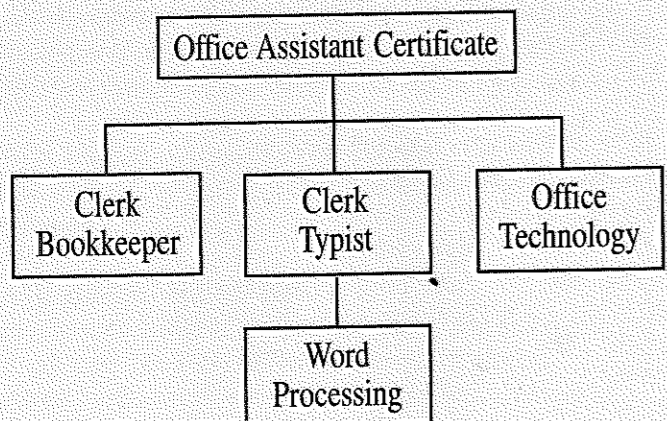
This course is designed to help students identify realistic academic goals and develop strategies that will enable them to successfully reach their goals; to help students identify obstacles to success and to develop strategies for overcoming those obstacles, and: to allow students an opportunity to develop the skills and attitudes needed to function successfully in college.

OFFICE ADMINISTRATION

(Kitimat, Smithers & Terrace Campuses)

The Office Administration program is designed to provide the learner with the knowledge and skills necessary to function effectively in an entry level clerical position in the business community. These programs are designed to serve the needs of full-time and part-time learners. The entry level certificate, Office Assistant, is designed such that, learners upon completion may enter the work force or continue on into advanced level certificates, such as Clerk Bookkeeper, Clerk Typist, Office Technology and Word Processing. Learners will be given credit for prior learning obtained in high school, ABE, other colleges, and other college courses where articulated or prior work experience.

The Office Assistant Certificate is intended to produce graduates who are employable in an entry level office position. Upon completion of the certificate, which will take 5 months of full time study, the learner may continue on to complete a *Clerk Bookkeeper/Clerk Typist/Word Processing Certificate* in Smithers or an *Office Technology Certificate* in Terrace and Kitimat.



PART-TIME STUDIES

All certificate programs are designed to offer flexibility for the part-time student. Learners may vary their workload and timetable to meet their own particular need. Learners will be able to register in selected courses, but will not be eligible for a certificate until all certificate requirements are met.

ADMISSION REQUIREMENTS

1. Grade 10 *or* GED *or* English 030, *and*;
2. Math 030 *or* 031.
3. Students lacking the formal prerequisites but have business experience may be admitted to the program if they can demonstrate mastery by doing a required project or assessment of equivalent knowledge and skills.

ADVANCED STANDING

Some secondary school courses may be accepted towards a Northwest Community College certificate. Please contact your College centre for more information.

HOW TO APPLY

Applications can be obtained from your local College centre and can be submitted at any time.

DATES AND LOCATIONS

The following certificates are offered in the following centres:

Kitimat Centre - Office Assistant Certificate
Office Technology Certificate

Smithers - Office Assistant Certificate
Clerk Bookkeeper
Clerk Typist
Word Processing

Terrace - Office Assistant Certificate
Office Technology Certificate

Please see the appropriate sections for more information on certificate offerings.

FEES

Please see the General Information section.

FINANCIAL AID AND SPONSORSHIP

Please see the Financial Aid Sources section.

PROGRAM OUTLINES

Office Assistant Certificate

(Kitimat, Smithers & Terrace Campuses)

OADM 100	Student Success (Master Student)
OADM 120	Grammar
OADM 125	Written Communications
OADM 130	Spelling
OADM 140	Proofreading
OADM 150	Oral Communication
OADM 160	Electronic Communication
OADM 165	Job Search
OADM 170	Office Dynamics
OADM 180	Records Management
OADM 190	Business Machines
OADM 200	Keyboarding I (Speed)
OADM 205	Keyboarding II (Speed)
OADM 210	Operating Systems (Dos/Windows)
OADM 220	Word Processing
OADM 230	Database
OADM 250	Keyboarding Applications
OADM 260	Business Simulation
OADM 270	Automated Office Simulation

Completion of the Office Assistant Certificate program requires approximately five months of full-time study.

Clerk-Bookkeeper (Smithers Campus)

Office Assistant Certificate; and:

ACCT 101	Bookkeeping Fundamentals
ACCT 102	Routine Bookkeeping Procedures
COMP 110	Introduction to Spreadsheets
COMP 120	Introduction to Accpac Simply
COMP 125	Introduction to Accpac GL
COMP 130	Spreadsheet Applications

Completion of the Clerk-Bookkeeper Certificate program requires approximately three months of full-time study.

Clerk-Typist (Smithers Campus)

Office Assistant Certificate; and:

BCPT 106	Advanced Computer Speed
DICT 101	Transcription Operation
COMP 135	Introduction to Microsoft Word
TYPG 102	Advanced Business Typing

Completion of the Clerk-Typist Certificate program requires approximately two months of full-time study.

Word Processing (Smithers Campus)

Clerk Typist Certificate; and:

WPRO 200	DOS Procedures
WPRO 205	Windows
WPRO 210	Word for Windows - Advanced
WPRO 220	WordPerfect for Windows
WPRO 225	Computer Timings
WPRO 230	Word Processing Simulation

Completion of the Word Processing Certificate program requires approximately two months of full-time study.

Office Technology - Accounting Specialty

(Kitimat & Terrace Campuses)

Office Assistant Certificate; and:

OTEC 120	Accounting Fundamentals I
OTEC 125	Accounting Fundamentals II
OTEC 150	Communications III (Editing)
OTEC 170	Introduction to Spreadsheets
OTEC 175	Computerized Acct. I
OTEC 180	Computerized Acct. II
OTEC 185	Computerized Acct. III*
OTEC 190	Computerized Acct. IV*
OTEC 195	Computerized Acct. V*
OTEC 200	Computerized Acct. VI
OTEC 202	Computerized Acct. VII*
OTEC 205	Computer Acct. Simulation
OTEC 220	Advanced Operating Systems
OTEC 275	Field Work

* Select one course from the four electives

Completion of the Office Technology - Accounting Specialty requires approximately five months of full-time study.

Office Technology - General Specialty

(Kitimat & Terrace Campuses)

Office Assistant Certificate; and:

OTEC 115	Keyboarding III
OTEC 120	Accounting Fundamentals I
OTEC 150	Communications III (Editing)
OTEC 170	Introduction to Spreadsheets
OTEC 175	Computerized Acct. I
OTEC 230	Word Processing I
OTEC 275	Field Work

**Select one course from Word Processing or Accounting specialty to complete credit requirement of 14.

Completion of the Office Technology - General Specialty requires approximately five months of full-time study.

**Office Technology - Word Processing Specialty
(Kitimat & Terrace Campuses)**

Office Assistant Certificate; and:

O TEC 115	Keyboarding III*
O TEC 120	Accounting Fundamentals
O TEC 150	Communications III (Editing)
O TEC 170	Introduction to Spreadsheets
O TEC 210	Keyboarding IV*
O TEC 220	Advanced Operating Systems
O TEC 230	Word Processing I
O TEC 235	Word Processing II
O TEC 240	Keyboarding V*
O TEC 242	Word Processing Simulation
O TEC 275	Field Work

* Select one course from the three electives

Completion of the Office Technology - Word Processing Specialty requires approximately five months of full-time study.

Distance Education

ACCT 101	Bookkeeping Fundamentals
ACCT 102	Routine Bookkeeping Procedures
OADM 130	Spelling
OADM 180	Records Management
OADM 190	Business Machines
OADM 200	Keyboarding I (Speed)
OADM 205	Keyboarding II (Speed)
OADM 230	Database
OADM 250	Keyboarding Applications
OADM 260	Business Simulation

As a full "Office Assistant Certificate" is not available by Distance Education, learners will need to travel to Kitimat, Smithers or Terrace to complete certificate requirements.

COURSE DESCRIPTIONS

ACCT 101-2.0: Bookkeeping Fundamentals

This course discusses the study of accounting based on a service business organized as a sole proprietorship and a merchandising business organized as a partnership. Topics include: analyzing and journalizing transactions, general journal, posting to general ledger, six and eight-column worksheets, preparing financial statements.

ACCT 102-3.0: Routine Bookkeeping Procedures

This course introduces special journals, payroll, adjustments to bad debts, depreciation, inventory controls, accrued revenue

and expense and financial statements for corporations.
Prerequisite: ACCT 101.

BCPT 106-1.0: Advanced Computer Speed

This course provides computer skill building using Cortez Peters. A computer speed of 50 nwpm is required.
Prerequisite: OADM 205.

COMP 110-1.0: Introduction to Spreadsheets

This course provides an introduction to spreadsheets. Topics include: creating a spreadsheet; using the copy command and creating formulas.

COMP 120-1.0: Introduction to AccPac Simply

This course provides an introduction to computerized accounting using Simply Accounting Software. Learners will be able to establish company records, maintain daily transactions using the general journal, accounts receivable, accounts payable, the payroll features and create financial statements.
Prerequisites: ACCT 102, OADM 210.

COMP 125-1.5: Introduction to AccPac Plus G/L

This course provides an introduction to the special features and capacities of the ACCPAC accounting system using the General Ledger. Learners will be able to establish company records, set up various journals and financial statements.
Prerequisites: ACCT 102, OADM 210.

COMP 130-0.5: Spreadsheet Applications

This course is a hands-on application of a spreadsheet, graphic, database, and macro capabilities are covered.
Prerequisites: ACCT 102.

COMP 135-1.0: Introduction to Microsoft Word

This course is designed to provide the learner with a complete introduction to the features of the software. Some of the topics covered will be: Editing, revising, printing, outlining and spelling.

DICT 101-1.0: Transcription Operation

This course covers the operation of a transcribing machine. Emphasis is placed on the fundamentals of spelling, grammar and punctuation to produce mailable copy.

OADM 100-1.0: Student Success (Master Student)

This course is designed to help the learner define their goals more clearly and provide the learner with the tools necessary to help them achieve their goals. Learners will also be provided with the tools to help them develop the characteristics of critical thinkers.

OADM 120-2.5: Grammar

This course is designed to provide the learner with a solid grounding in English Grammar by learning the eight parts of speech, punctuation and capitalization.

OADM 125-2.0: Written Communications

This course is designed to provide the learner with the basic skills and strategies for both analyzing situations and writing appropriate responses to those situations.
Prerequisite: OADM 120.

OADM 130-1.5: Spelling

The course is designed to provide the learner with the skills to utilize the rules for: adding affixes to base words, most troublesome word endings, commonly misspelled words, and plurals, possessives and contractions.

OADM 140-1.0: Proofreading

This course is designed to provide the learner with the skills necessary to: recognize the need for proofreading, be able to determine how/when to proofread, be able to produce error-free communication, and recognize common proofreader's marks.

OADM 150-0.5: Oral Communication

This course is designed to familiarize learners with basic techniques of oral communication and to train the learner in the use of these techniques to perform effectively in the office.

OADM 160-0.5: Electronic Communication

This course is designed to familiarize the learner with the scope of electronic mail systems. Learners will use electronic communication to send and receive messages.

OADM 165-0.5: Job Search

This course is designed to provide the learner with the skills and techniques to be able to look for employment.

OADM 170-0.5: Office Dynamics

Human Relations is designed to assist learners to make a successful transition into new jobs and work roles. Human relations strategies are provided for improved communication, motivation, leadership and personal attitude.

OADM 180-1.0: Records Management

This course will provide the learner with hands-on experience using a manual filing system. Emphasis will be placed on the common filing systems; however, all types of filing systems will be learned.

OADM 190-2.0: Business Machines

This course is designed to equip the learner with the skill of: manual dexterity exemplified in speed and accuracy in performing addition, multiplication, subtraction, and division functions on electronic desk calculators; applying these skills in basic business mathematics problems on the calculators using the most efficient and accurate techniques possible; and knowledge of reprographic imaging technologies and process to make the right reprographic choice.

OADM 200-0.5: Keyboarding I (Speed)

This course is designed to give the learner the skills necessary to touch-key at a minimum speed of 15 net words per minute (NWPM), on either the typewriter or the computer keyboard with three or fewer errors on an average of three two-minute timings.

OADM 205-0.5: Keyboarding II (Speed)

This course is designed to give the learner the skills necessary to touch-key at a minimum speed of 30 net words per minute (NWPM), on either the typewriter or the computer keyboard with three or fewer errors on an average of three five-minute timings.

OADM 210-1.0: Operating Systems

This course is designed to provide the learner with skills necessary to: identify parts of the computer; use DOS commands to create, copy, store and delete files; use other DOS commands to customize and manage the hard drive; explore Windows 3.1; and use Windows File Manager.

OADM 220-1.0: Word Processing

The learner will become familiar with a word processing program. Upon completion the learner will be able to: create, save, print, close and retrieve a document; select text, format, margins, set tabs, create form letters, merges, reports and newsletters. Prerequisite: OADM 210.

OADM 230-1.0: Database

This course is designed to introduce the learner to the concept of what a database does. Upon completion of the course the learner will be able to: plan and create a database; create, define, and modify a table; center and edit data in a database; save and print a table; edit records and change field properties; sort table records; create and modify a form; sort, find, add and delete data in a form; and customize a form. The learner will also be able to link tables; create and modify a subform; build and use queries; and print forms and reports.
Prerequisite: OADM 210.

OADM 250-2.0: Keyboarding I

The learner will be able to operate an electronic typewriter and/or computer to center text, key open and ruled tables, business forms, various letter styles, reports, minutes, manuscripts, and financial statements to current business standards. The student will have knowledge to design forms, format documents, and handle postal and shipping services. Prerequisite: OADM 200.

OADM 260-0.5: Business Simulation

This course requires the learner to apply basic business mathematics problems on the electronic calculator in a practice set. Prerequisite: OADM 190.

OADM 270-0.5: Office Simulation

This course requires the learner to demonstrate proficiency in selected clerical activities by completing a number of tasks to the required business standard. Prerequisite: OADM 250.

O TEC 115-3.0: Keyboarding III

This course is a continuation of OADM 250, with emphasis on mailability of business documents. Topics to be covered include: complex centering, letters, boxed and ruled tables, forms, bibliographies, news releases, agendas, minutes, and legal documents. Speed requirement on completion: 50 nwpm. Prerequisites: OADM 250, and OADM 270.

O TEC 120-2.0: Accounting Fundamentals I

This course covers the study of accounting based on a service business organized as a sole proprietorship. Accounting principles and procedures are covered to the preparation of financial statements using generally accepted accounting principles. The learner will be required to complete a project, meeting industry standards.

O TEC 125-2.0: Accounting Fundamentals II

This course is designed to provide additional knowledge in financial and management accounting techniques. The student will study accounting procedures based on a merchandising business organized as a partnership. Topics include: Subsidiary ledgers, Synoptic and Special Journals, Cash Control and Banking, and Payroll Accounting, Adjustments to bad debts, Inventory controls, Accrued revenues and expenses, Financial Statements for Corporations. The learner will be required to complete two projects, meeting industry standards. Prerequisite: O TEC 120.

O TEC 150-1.0: Communications III (Editing)

This course is designed to provide the learner with the skills required for controlling the accuracy and quality of docu-

ments. Emphasis will be placed on the mailability of a document. A mailable document is one that has been proofread thoroughly for appearance and format, accuracy of contents, and correctness of language usage, punctuation and grammar. Emphasis is on the students ability to proofread documents accurately. Prerequisite: OADM 140.

O TEC 170-0.5: Introduction to Spreadsheets

This course provides an introduction to spreadsheets. Topics include: creating a spreadsheet (including a budget), using the copy command, creating and manipulating formulas and creating and printing graphics.

O TEC 175-2.0:**Computerized Accounting I (Spreadsheets)**

This course provides an introduction to computerized accounting using spreadsheets. Students will be able to establish company records, maintain daily transactions, and create financial statements. Prerequisites: O TEC 120, O TEC 125 and O TEC 170.

O TEC 180-2.0:**Computerized Accounting II (Accpac G/L)**

This course provides an introduction to computerized accounting using DOS-based, Computer Associates software. Students will be able to establish company records, maintain daily transactions using the general journal, maintain an audit trail, and create and print financial statements. Prerequisite: O TEC 175.

O TEC 185-2.0:**Computerized Accounting III (Accpac A/P)**

This course provides an introduction to computerized accounting using DOS-based, Computer Associates software. Students will be able to establish and maintain vender accounts, print vender statements, and create and maintain vender aging reports. Prerequisite: O TEC 180.

O TEC 190-2.0:**Computerized Accounting IV (Accpac A/R)**

This course provides an introduction to computerized accounting using DOS-based, Computer Associates software. Students will be able to establish and maintain customer accounts, print customer invoice and statements, and create and maintain customer aging reports. Prerequisite: O TEC 180.

O TEC 195-2.0:**Computerized Accounting V (Accpac Payroll)**

This course provides an introduction to computerized accounting using DOS-based, Computer Associates software. Students will be able to establish and maintain payroll accounts, and print payroll reports. Prerequisite: O TEC 180.

O TEC 200-2.0:**Computerized Accounting VI (Accpac Simply Windows)**

This course provides an introduction to computerized accounting using WINDOWS-based, Computer Associates software. Students will be able to establish company records, maintain daily transactions using the general journal, and /or accounts receivable, and/or accounts payable, and/or payroll features, and create financial statements. Prerequisites: O TEC 175 and O TEC 205.

O TEC 202-2.0:**Computerized Accounting VII (Accpac Simply DOS)**

This course provides an introduction to computerized accounting using DOS-based, Computer Associates software. Students will be able to establish company records, maintain daily transactions using the general journal, and /or accounts receivable, and/or accounts payable, and/or payroll features, and create financial statements. Prerequisites: O TEC 175 and O TEC 205.

O TEC 205-2.0: Computerized Accounting Simulation

This course is designed to provide learners with an opportunity to use the computer skills they have acquired in a real-life situation. Emphasis will be placed on the learner's ability to use and understand a manual and computerised system. Prerequisites: O TEC 125 and O TEC 180 or O TEC 200.

O TEC 210-3.0: Keyboarding IV (Dictatyping)

This course covers the operation of a transcribing machine. Emphasis is placed on the fundamentals of spelling, grammar, and punctuation to produce mailable copy. Speed requirement on completion: 55 nwpm. Prerequisite: O TEC 115.

O TEC 220-1.0: Advanced Operating Systems

This course is designed to introduce the more advanced procedures of a DOS operating system using the most recent MSDOS version. Prerequisite: OADM 210.

O TEC 230-3.0: Word Processing I (Word for Windows)

This course is designed to provide the learner with a complete introduction to the features of the software. Some of the topics covered will be: Editing and Revising documents,

Printing documents, outlining, line-numbering, speller and thesaurus, as well as mail merge. Prerequisite: OADM 220.

O TEC 235-2.0: Word Processing II (Word for Windows)

This course is designed to familiarize the learner with some of the more popular features of the software. Some of the topics covered will be: Editing and Revising documents, Printing documents, outlining, line-numbering, speller and thesaurus, as well as mail merge. Prerequisite: O TEC 230.

O TEC 240-3.0: Keyboarding V (Word Processing Exercises)

This course is designed to provide practice using the required software packages. Each software package will require selected productions to be successfully completed to receive credit for this course. Speed requirement on completion: 55 nwpm. Prerequisite: O TEC 230 or O TEC 235.

O TEC 242-3.0: Word Processing Simulation

This course is designed to provide students with an opportunity to use the computer skills they have acquired in real-life work situations. Emphasis will be placed on the students ability to use word processing, spreadsheet, database, and computerized accounting software. Prerequisite: O TEC 230 or O TEC 235.

O TEC 275-2.0: Fieldwork

As part of the Office Administration program, learners will participate in two weeks of on-the-job training (as arranged by a faculty advisor) at a local business. A performance evaluation, completed by the employer, will be the criteria for successful completion of the course. Prerequisite: Successful completion of Office Administration Certificate program.

TYPG 102-2.5: Advanced Business Typing

A continuation of OADM 250 at an intermediate level with emphasis on mailability of business documents. Topics: complex centering, letters, boxed and ruled tables, forms, manuscripts with footnotes, bibliographies, memos, news releases, agendas, minutes, itineraries and legal documents. Prerequisite: OADM 250.

WPRO 200-0.5: DOS Procedures

This course is designed to introduce the more advanced procedures of the DOS operating system using the most recent MSDOS version. Prerequisite: OADM 210.

WPRO 205-0.5: Windows

This course is designed to introduce the more advanced procedures of Windows. Prerequisite: WPRO 200.

WPRO 210-2.0: Word for Windows - Advanced

This course is designed to provide the learner with the advanced features of the software. Some of the topics covered will be: Formatting, reports, desktop publishing, graphics and merges. Prerequisite: OADM 220.

WPRO 220-3.0: WordPerfect for Windows

This course is designed to provide the learner with the basic and advanced features of the software. Some of the topics covered will be: Formatting, reports, desktop publishing, graphics and merges. Prerequisite: OADM 220.

WPRO 225-1.0: Computer Timings

This is a skill building course to build speed and accuracy in keyboarding on a computer. A computer speed of 55 nwpm is required. Prerequisite: BCPT 106.

WPRO 230-1.0: Word Processing Simulation

This course is designed to provide the learner an opportunity to use the skills acquired in a real-life situation. Prerequisites: WPRO 220, WPRO 210.

PROFESSIONAL COOK TRAINING

(Terrace Campus)

The Cook Training program is a 10 month course made up of time frames: Level I and Level II - 8 months and Level III - 2 months. Communications, interpersonal skills, decorum, professional ethics and standards will be a continuous goal throughout this program to ensure that Northwest Community College culinary students are adaptable to the many expectations of today's hospitality industry.

Professional Cook Training programs are available for individuals who wish to train for employment as cooks at a junior level in the food catering industry and for those already employed who wish to upgrade their skills or prepare for the Trades Qualification Certificate.

A program in General Cooking is available for students who wish to pursue a career in the hospitality industry. The Trades Qualification program is intended to help the student prepare for the Tradesmen's Qualification exam and has been designed so that the student can study at home while continuing to work.

The Upgrading Program provides students currently working in the industry with the opportunity to acquire the specific skills they need and is custom designed to meet the needs and skills of the student.

More detailed information on these programs can be found in the information booklet on Professional Cooking available at any College campus or high school.

ADMISSION REQUIREMENTS

1. English 10 or 030 or English assessment, and;
2. Math 10 or 030 or Math assessment.

Students should be aware that classes start at 6:30 AM and that if they live off-campus they will have to provide their own transportation to the centre since bus service does not start until 7:00 AM.

HOW TO APPLY

Applications are available from any College centre and may be submitted at any time.

DATES AND LOCATION

All programs are available at our Terrace Centre. The Professional Cooking Trades Qualification Program is available to students throughout the region and can be started at any time.

Students may (space permitting) enter the programs at any time. The best time to start the Entry Level programs is in the spring of each year since employment opportunities upon graduation would likely be more numerous.

FEES

In addition to normal fees (see General Information section) students will be required to supply shoes which conform to Workers' Compensation Board regulations, a set of knives, and pay a uniform cleaning fee of \$2.50/week.

FINANCIAL AID AND SPONSORSHIP

Please see the Financial Aid Sources section.

PROGRAM OUTLINES**Professional Cooking (Basic)**

This 10 month program prepares people for employment as a cook or cook's assistant in all phases of the food catering industry. The program has a very high success rate for those individuals who wish to pursue a career in the food catering industry.

Topics presented in this program include:

- A) Vegetables and Starch Cookery
- B) Meats and Poultry Cookery
- C) Seafood Cookery
- D) Stocks, Soups and Sauces Cookery
- E) Meat, Poultry and Seafood Cutting
- F) Cold Kitchen
- G) Baking and Desserts
- H) Basic Food Service and Kitchen Management
- I) Egg and Breakfast Cookery
- J) Safety, Sanitation and Equipment - Level 1 only
- K) Health Care/Cook Chill

Professional Cooking Trades Qualification (Home Study)

This program is designed for cooks who have worked in the industry for a number of years and wish to pursue their Trades Qualification Certificate. It is strongly recommended that those who wish to take the T.Q. exam contact the Employment Training Counsellor at the Ministry of Advanced Education and Job Training. The qualification requires proof of 4 years full time experience (8000 hours) in a kitchen with a varied menu.

The program is designed so students can study at home while continuing to work. Students are in regular contact with an instructor for assistance and guidance. The program contains 8 modules. Students master the contents of one module before moving on to the next.

Cooks who wish to upgrade their skills but are not yet ready to take the T.Q. exam are also welcome to enrol in this program.

Professional Cooking (Upgrading)

This program is for individuals who have been, or are currently working in the industry and want to upgrade their skills or acquire new ones, whether for personal pride, a necessary requirement of their employer, or for advancement within the industry. The content of the program is customized to meet the needs of the individual and is planned after an interview with the student. The length of the program depends on the individual needs and skills of the student.

RESIDENT CARE-HOME SUPPORT WORKER

*(Offered at all Campuses subject to
Agency & Public Requirements)*

The Resident Care-Home Support Worker program prepares an individual to function as a valuable member of the health care team. The graduate will be able to provide care, under supervision, to assist clients in meeting basic needs and to achieve the highest possible quality of life.

Graduates will be employable as Home Support Workers working in a client's home, or as Continuing Care Assistants functioning as members of a team in facilities providing Personal Care, Intermediate Care and Extended Care in Group Homes.

Upon successful completion graduates receive a Resident Care-Home Support Worker Certificate which is recognized provincially.

ADMISSION REQUIREMENTS

1. Grade 10 or ABE Intermediate or GED.
2. Current immunizations and a current negative tuberculin screening as certified on the College's Immunization Record.
3. Completion of the College's Medical Assessment.

Students should be aware that a Criminal Record Search may be required before they can obtain a practicum placement and that the presence of certain crimes on the record would make practicum placement, graduation and subsequent employment impossible.

HOW TO APPLY

Applications are available at all College centres and can be submitted at any time.

DATES AND LOCATION

The program is offered in all College centres subject to Agency and public requirements.

FEES

Please see the General Information section.

FINANCIAL AID AND SPONSORSHIP

Please see the Financial Aid Sources section.

PROGRAM OUTLINE

This is a six month program with practicum and classroom sessions. Subject areas addressed during the class sessions include an Orientation to the Health Care Field, Communication Techniques, Body Structure and Function, Nutrition, Safe and Clean Environment, Growth and Development, First Aid, CPR and Personal Assistance.

UNIVERSITY CREDIT

*(Fulltime at Prince Rupert and Terrace Campuses.
Some U/C course offerings at our Hazelton,
Houston, Kitimat and Smithers Campuses)*

Northwest Community College offers two year Associate Degrees in Arts and Sciences.

These Associate Degrees may lead to bachelor degrees in different specializations at a university depending upon the requirements of that particular university.

All University Credit courses carry transfer credit to B.C. universities, university-colleges and other colleges. Students intending to acquire a bachelors degree at a university can complete their first two years of study at NWCC. First year courses are available on a full-time or selected offerings basis at several College centres. Studies have shown that students who transfer from community colleges to university do as well as, or better than, those who proceed directly from high school to university. Students who start at NWCC will realize significant financial advantages when compared to those who travel to university.

All University Credit courses offered by NWCC are open to qualified part-time students.

INTEGRATED PROGRAMS

Many University Credit (UC) Courses are course requirements or electives in such diploma programs as follows:

Applied Computers Technology
Applied Technology
Business Administration
Community Resource Worker
Early Childhood Education
Integrated Human Services
Natural Resources

These University Credit courses may be taken within each programs' full time offerings or as part-time courses with credit into these diplomas or degrees. Please consult the course listings for each program to determine the applicable courses.

*For more information see "University Credit
Courses Common in Certificate and Diploma
Programs" on the following page,*

ADMISSION REQUIREMENTS

1. Students coming directly from high school are expected to have Grade 12 graduation.
2. Students coming from Career & College Prep programs may use CCP courses in place of the equivalent high school courses.
3. Most science and math courses have specific prerequisites which must be met by prospective students. In some cases instructors will conditionally admit students lacking formal prerequisites. Students admitted conditionally are required to maintain satisfactory progress or they will be required to withdraw from the course.
4. Most first year Social Science and Humanities courses do not have specific prerequisites.

HOW TO APPLY

Applications are available from your local College centre and can be submitted at any time. Applications should be completed as early in the spring as possible. Applications for part-time studies should be submitted before the start of classes as listed at the front of this calendar. Students wishing to enroll part-time in an integrated program should consult with the applicable program.

ADVISING

Prospective students are encouraged to discuss questions about courses and programs with instructors or an educational advisor before registering. All College centres have information on programs available at most institutions in B.C. Students are strongly advised to make themselves aware of the requirements of the institutions to which they wish to transfer. The final responsibility for the selection of courses rests with the student.

**UNIVERSITY CREDIT COURSES COMMON IN
CERTIFICATE AND DIPLOMA PROGRAMS**

For further information inquire with your Educational Advisor or Program Co-ordinator.

University Credit	Natural Resources	Applied Computer Technology	Applied Technology	Early Childhood Education
Anthropology 111	x			
112	x			
203				
204				
Biology 101	x			
102	x			
131				
132				
211	x			
Computer Science 111	x	x	x	
121		x		
122		x		
131		x		
Economics 201			x	
202			x	
English 101				
102				
151	x	x		x
152	x	x		
Geography 150	x			
160	x			
202	x			
203	x			
204	x			
207	x			
Mathematics 131	x	x	x	

Certain courses within the Business Administration program transfer to University Credit.
Please consult both programs and the Transfer Guide for further information.

TRANSFER CREDIT TO OTHER INSTITUTIONS AND PROFESSIONAL ORGANIZATIONS

A listing of established equivalencies can be found in the "Transfer Credit section" of this calendar.

Please note that transfer credit may change as institutions adjust their offerings. Therefore, students are encouraged to obtain written confirmation of current transfer credit from the institution or organization to which they plan to transfer.

TRANSFER CREDIT FROM OTHER INSTITUTIONS TO NORTHWEST COMMUNITY COLLEGE

Students who have completed course work at other post-secondary institutions may be able to transfer credit towards a certificate, diploma and associate degree at Northwest Community College.

To request transfer credit, you must submit a letter of request noting the expected credit, along with an official transcript to the Registrar. This should be done well in advance of the start of your program at Northwest Community College.

DATES AND LOCATION

Classes normally start in September and January of each year on the dates listed in the front of this calendar. First year and selected second year courses are available in both Terrace and Prince Rupert. Some University Credit courses are available in other College centres or in modular fashion through integrated diploma program offerings. Please check with your College centre for detailed offerings.

FEES

Please see the General Information section.

FINANCIAL AID AND SPONSORSHIP

Please see the Financial Aid Sources section.

ASSOCIATE DEGREE PROGRAMS

General Requirements

All students must complete a minimum of 60 credit hours (20 University Credit courses) to be eligible for an Associate Degree in Arts and a minimum of 63 credit hours (20 University Credit courses) for an Associate Degree in Science. All Arts and Science students must complete two (2) English 100

level courses (6 credits) for an Associate Degree. Furthermore, all Science students must complete Mathematics 101/102 (9 credits) for an Associate Degree in Science. The remaining credits are subject to the following constraints for the given degrees. A minimum of a "C-" grade is required in each course with an overall GPA of 2.0 or better. Students must apply with the Registrar to obtain an Associate Degree.

NOTE:

In general, a one semester, 3 hour per week, course is equivalent to 3 credit hours and a science course consisting of 3 hours per week lecture and 3 hours per week laboratory is also equivalent to 3 credit hours.

The number of credits for particular courses are given in the University credit course description section of this calendar. For the purposes of Associate Degrees, the classification of courses is as follows:

Humanities

- Art History
- Art (Fine or Visual)
- Creative Writing
- Drama
- English
- French and other languages
- History
- Music
- Performing Arts
- Philosophy
- Religious Studies
- Women's Studies

Social Sciences

- Anthropology
- Archaeology
- Criminology
- Economics
- Environmental Studies
- First Nations
- Geography (Human)
- Political Science
- Psychology
- Sociology

Science

- Biology
- Chemistry
- Computer Science
- Environmental Sciences
- Geography (Physical)
- Geology
- Mathematics and Statistics
- Physics

ASSOCIATE DEGREES

The requirements for the associate degrees are as follows:

Associate Arts Degree (General)

To obtain an Associate Degree in Arts (General), a student must complete a minimum of 60 credit hours (20 courses) as follows:

CLASSIFICATION	YEAR	NUMBER OF COURSES	CREDIT
English	1	2	6
Humanities*	1	2	6
Social Sciences	1	2	6
Arts Elective*	1	2	6
Arts Elective**	2	6	18
CpSc or Math or Stats	1 or 2	1	3
Lab Science Elective	1 or 2	1	3
Science Elective	1 or 2	1	3
Electives	1 or 2	3	9
Total		20	60

* Other than English

** Two or more subject areas

Associate Science Degree (General)

To obtain an Associate Degree in Science (General), a student must complete a minimum of 63 credit hours (20 courses) as follows:

CLASSIFICATION	YEAR	NUMBER OF COURSES	CREDIT
English	1	2	6
Mathematics (Calculus)	1	2	9
Science Electives*	1	6	18
Science Elective**	2	6	18
Arts Elective***	1 or 2	2	6
Elective	1 or 2	2	6
Total		20	63

* Maximum 6 credits in one subject area

** Two or more subject areas

*** Other than English

COURSE DESCRIPTIONS

Anthropology 101-3.0:

Introduction to Physical Anthropology

A general introduction to archaeology, human biological and cultural history. Students will examine the concepts of evolution, genetics, and animal behaviour in an attempt to understand what makes us human. A brief investigation of the principles and methods of archaeology will include field trips to local sites. (3,0,0)

Anthropology 102-3.0:

Introduction to Social & Cultural Anthropology

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

Anthropology (First Nations Studies) 111-3.0:

Native Peoples of Canada

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

Anthropology (First Nations Studies) 112-3.0:

Native Peoples of British Columbia

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

Anthropology 201-3.0: 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) Prerequisite: Introductory Cultural Anthropology or permission of instructor.

Anthropology 202-3.0: Social Organization II

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

Anthropology 203-3.0:

Aboriginal Peoples of the Northwest Coast

This course begins with the prehistory and ethnography of the Northwest Coast. Particular issues for examination shall

include defining culture areas, interpreting material culture and understanding ceremonial life. Focus shall be on the Tlingit, Haida and Tsimshian Groups. (3,0,0) Prerequisites: Introductory Sociology or Cultural Anthropology or permission of the instructor.

Anthropology 204-3.0:

Ethnography of the Northwest Coast

This course is a study of the cultures of the Aboriginal Peoples of the Northwest Coast. It begins with the prehistory and ethnography of the central and southern coast. Special topics shall include art and mythology. Contemporary issues such as social change, land claims and environmental stresses are also addressed. (3,0,0) Prerequisites: Introductory Sociology or Cultural Anthropology or permission of instructor.

Anthropology (First Nations Studies) 209-3.0:

The Art of North American First Nations

This course is an introduction to the Arts of North American First Nations including the Northwest coast, Athapaska, Plateau, Plains, Woodlands, Great Lakes, and Southwest regions. Specific topics include cross cultural definition of art, symbolism, and the social, political and religious elements of First Nations art.

Anthropology (First Nations Studies) 210-3.0:

First Nations Art of the Northwest Coast

This course is an overview of Northwest Coast First Nations Art. Art forms from prior to contact through to the contemporary period will be examined. The arts of the Tsimshian, Haida, M̓sga'a, Gitksan, Tlingit, Haisla, Heiltsuk, Nuxlk, Kwakwaka'wakw, Nuu-chah-nulth, and Coast Salish will be examined. Specific topics will include the style and symbolic elements of Northwest Coast Art, the relationship between Northwest Coast First Nations Art forms and the social, religious and political economic structures of the producing cultures. The place of Northwest Coast Art in museums and in the marketplace shall also be examined. Some videos, a museum tour, and a village field trip, as well as visits from artists shall be included.

Biology 101-3.0:

Introductory Biology I - Cells, Diversity and Physiology

A basic introductory course in general biology. The course covers the diversity of life, introductory biochemistry and cell biology and introductory animal and plant physiology. Laboratories include the scientific method, microscopy and major kingdoms of organisms. Experimental techniques and observation skills are emphasized. (3,3,0) Prerequisite: Biology 11,

Chemistry 11 highly recommended, or permission of the instructor.

Biology 102-3.0:

Introductory Biology II - Genetics, Evolution and Ecology

A continuation of Biology 101. The course covers genetics, evolution and ecology. Laboratories include genetics, reproduction and development, evolutionary processes and ecology. Field trips, including a two day weekend trip, may be held. (3,3,0) Prerequisite: Biology 101 or permission of instructor.

Biology 131-3.0: Human Anatomy

This course is an examination of the principles of biology with reference to the human body. The structural organization of the body starting with cells and tissues and proceeding to the major body systems including the nervous, muscle, skeletal and integumentary system is examined. (3,0,0) Prerequisites: Chem 11 and Biol 12 or permission of the instructor.

Biology 132-3.0: Human Physiology

This course is the continued examination of the principles of Biology with reference to the human body. The course examines the physiology of the body including the functions and regulations of the cardiovascular, endocrine, lymphatic, nervous and reproductive systems, and how these systems interact to maintain homeostasis, levels of metabolism and primary functions of the human body. (3,0,0) Prerequisites: Biol 131 or permission of the instructor.

Biology 201-3.0: Invertebrate Zoology

This course is an introduction to the invertebrate phyla. It provides an overview of the structure, function, evolution, diversity and ecology of invertebrate animals by examining the increasing complexity in form and function in the invertebrates and their evolutionary and ecological relationships. Examples emphasize marine, terrestrial and freshwater aquatic invertebrates. Laboratories include examination of the major groups of invertebrates and may include a weekend field trip to Prince Rupert. (3,3,0) Prerequisite: Biology 101/102 or equivalent.

Biology 202-3.0: Vertebrate Zoology

This course is an introduction to the chordates, in particular the Subphylum Vertebrata. It provides an overview of the structure, function, evolution, diversity and ecology of vertebrate animals. The increasing complexity in structure and function of tissue and organ systems and the relationships between the various levels of vertebrate complexity will be

discussed. Laboratories include comparative examination of functional systems amongst the major groups of vertebrates, with dissection of representative forms. (3,3,0) Prerequisite: Biology 101/102 or equivalent.

Biology 203-3.0: Non-Vascular Plants and Fungi

This course is an examination of the biology of algae, fungi, lichens and bryophytes, including discussions of their origins, evolution, ecology and physiology. Laboratories will include examination of local flora wherever possible. Field trips may be scheduled. (3,3,0) Prerequisite: Biology 101/102 or equivalent.

Biology 204-3.0: Vascular Plants

A survey of the vascular plants including ferns and fern allies, conifers and other gymnosperms, and flowering plants. Cell structure and tissues of vascular plants are discussed as they relate to plant function. The origin and evolution of vascular plant structures and groups is emphasized. Laboratory studies will emphasize local plants and field trips may be arranged. (3,3,0) Prerequisites: Biology 101/102 or equivalent; Biology 203 is strongly recommended.

Biology 205-3.0: Cell Structure and Function

This course provides a detailed examination of all levels of cell structure and function. Emphasis is placed upon the dynamic processes at the cellular level. Topics considered include biotechnology, prokaryote/eukaryote cells, membrane models, cell walls, cytoplasmic organelles, the nucleus, cell cycle and nucleocytoplasmic interactions. Laboratories emphasize experimental techniques in the study of cells. (3,3,0) Prerequisites: Biology 101/102; first year chemistry, Chemistry 230 is a pre-or corequisite.

Biology 206-3.0: Biochemistry

An examination of the fundamental principles of biochemistry, including protein structure and enzyme functions, cell energetics, biosyntheses, and mechanisms which control cell metabolism. The laboratories include detailed experimental analyses of the molecular functions of cells and tissues and methods of molecular biology. (3,3,0) Prerequisites: Biology 205; Chemistry 230 is a pre-or corequisite.

Biology 209-3.0: Genetics I

Biology 209 begins with the classical part of Genetics, namely Mendelian Genetics and basic Chromosome theory. Genetic linkage and changes in genetic information in the form of mutation is covered. The course concludes with a more detailed look at the structure and function of DNA and genes.

(3,0,0) Prerequisites: Biol 101/102 or equivalent and first year Chemistry or permission of the instructor.

Biology 210-3.0: Genetics II

A continuation of Biology 209 with emphasis on the modern, molecular basis of genetics beginning with recombinant DNA technology and its application. A detailed examination of chromosome structure and gene expression follows. The mechanism of genetic change in the form of mutation, recombination and transposition is examined. Developmental biology is considered from a genetic point of view and finally, quantitative and population genetics is covered. (3,0,0) Prerequisites: Biol 209 or permission of instructor.

Biology 211-3.0: Principles of Ecology

An in-depth examination of basic ecological principles, including population and community ecology, food chains, succession, species diversity, genetic strategies, genetic diversity and impacts of management and disturbance on populations and communities. Discussions will include freshwater, marine, and terrestrial ecology. May include field lectures to illustrate ecological principles as applied to natural and disturbed populations and communities. Prerequisites: Biol 101, 102 or permission of instructor.

Chemistry 101-3.0: Introductory Chemistry I

In Chemistry 101, three topics will be covered. The first is a review of general chemical principles. These principles include the stoichiometric description of chemical reactions as well as a brief history of chemistry as a science. Next, the microscopic description of the natural world, as it relates to chemistry, will be discussed. That is, atomic structure and chemical bonding will be considered. Finally, macroscopic chemistry will be investigated. This discussion will include conservation of energy as it applies to macroscopic chemistry, that is, in terms of thermodynamics. It will also include a description of the various states of matter, namely, gases, liquids and solids. (3,3,0) Prerequisites: Chemistry 11 and Math 11 or permission of the instructor. Strongly recommended working knowledge of Math 12 would be an asset.

Chemistry 102-3.0: Introductory Chemistry II

Chemistry 102 is a continuation of the study of chemical principles. This course also consists of three topics, namely, a quantitative description of chemical reactions, an introduction to electrochemistry and a survey of organic chemistry. In the first, both the rates of reactions and their long time, or equilibrium behaviour will be investigated. In the second, a study of oxidation/reduction reactions and electrochemical

cells (batteries) will be conducted. The final topic will include organic nomenclature and a description of simple reactions associated with various organic functional groups. (3,3,0) Prerequisites: Chemistry 11 and Math 11 or permission of the instructor. Strongly recommended working knowledge of Math 12 would be an asset.

Chemistry 121-3.0: Principles of Chemistry I

Chemistry 121 is designed for students with grade 12 chemistry and mathematics. A working knowledge of stoichiometry and other basic chemistry skills is assumed. In Chemistry 121, four topics will be covered in depth. The first two topics deal with the microscopic description of the natural world as it relates to chemistry. In particular, in the first topic, atomic structure, relations between the electronic structure of atoms and the periodic table are discussed while in the second topic, this electronic structure is applied to chemical bonding in molecules. The last two topics deal with some aspects of macroscopic chemistry. In the third topic is a discussion of the phases or states of matter, namely, gases, liquids and solids, while the fourth topic, inorganic chemistry, is a description of the properties and reactions of metals and non-metals. (3,3,0) Prerequisites: Chemistry 12 and Math 12 or equivalent, or permission of the instructor. Corequisites: Math 101 (Calculus) or permission of instructor. High school pre-calculus or Calculus strongly recommended.

Chemistry 122-3.0: Principles of Chemistry II

Chemistry 122 is a continuation of the study of chemical principles initiated in Chemistry 121. This continuation consists of three topics, namely, thermodynamics, a quantitative description of chemical reactions and a survey of organic chemistry. In the first topic, the four laws of thermodynamics will be discussed with particular emphasis on their application to chemical reactions. The second topic deals with the time dependence of chemical reactions, both short times, chemical kinetics, and long times, chemical equilibrium. The final topic includes nomenclature, structure and properties of simple organic compounds as well as a description of some reactions associated with various organic functional groups. (3,3,0) Prerequisite: Chemistry 121 or equivalent or permission of the instructor. Corequisite: Math 102 (Calculus) or permission of instructor. High school pre-calculus or Calculus strongly recommended.

Chemistry 230-3.0: Organic Chemistry I

This course provides students who have taken first year chemistry with an in depth introduction to organic chemistry. Topics included in this course are a detailed study of the properties and reactions of alkanes, alkenes, alkynes, aromat-

ics, arenes and alkyl halides. (3,3,0) Prerequisites: Chemistry 101/102 or Chemistry 121/122 or permission of the instructor.

Chemistry 231-3.0: Organic Chemistry II

This course is a continuation of the in depth introduction to organic chemistry begun in Chemistry 230. Topics included in this course are a detailed study of the properties and reactions of alcohols, ethers, carboxylic acids, aldehydes, ketones, amines, phenols and carbohydrates. (3,3,0) Prerequisite: Chemistry 101/102 or Chemistry 121/122 or permission of the instructor.

Computer Science 111-3.0: An Introduction to Computers

Computer Science 111 is designed for the student with little or no previous exposure to computers. The course will help students understand in a general way how computers work, how to work with computers, and how to use commercially prepared software packages such as spreadsheets, word processing programs, and databases to solve problems of common interest. An important part of the course is the weekly three-hour laboratory session, which complements the theoretical material of the lectures with concrete hands-on practice. (3,3,0) Prerequisite: Math 11 or permission of instructor. Recommended that students with previous knowledge of computers are encouraged to register instead for one of the more advanced courses in Computer Science.

Computer Science 112-3.0:

Problem Solving with Computers

Programming is a skill which allows a person to use a computer to most effectively meet unique needs. Pascal is a modern, powerful language suitable for business, professional and scientific programming. The language is available in a standardized form for many computers. This course will introduce programming techniques and the technical details of Pascal. Weekly lab sessions provide students with an opportunity to use a computer to gain experience with the concepts presented in lectures. Additional computer time is available to students in the evenings and on weekends. (3,3,0) Prerequisite: Computer Science 111 with a minimum C+ or Math 12 or Computer Science 12 or permission of the instructor.

Computer Science 121-3.2: Programming in Pascal

A rigorous introduction to programming for those who are considering further study in computer science, engineering, the sciences, or those who wish to develop the programming skills necessary for the solution of sophisticated problems. Topics presented include algorithms, techniques of program development and testing, control structures, procedures and

functions, recursion, text file input and output, ordinal data types, arrays, records and sets. (3,3,0) Prerequisite: Math 12 or permission of instructor.

**Computer Science 122-3.0:
Data Structures and Algorithms**

Using the programming skills acquired in Computer Science 121 students will explore techniques for the effective solution of sophisticated problems. Topics presented include stacks, recursion, lists, pointers, queues, trees, sorting and searching and an introduction to the analysis of algorithms. (3,3,0) Prerequisite: Minimum grade of C in Computer Science 121.

**Computer Science 131-3.0:
Introduction to FORTRAN Programming**

This course provides science and engineering students with an introduction to structured Fortran programming. Topics presented include data types, subroutines and functions, looping statements, conditional statements, format statements, common blocks and file input and output. The emphasis in this course will be placed upon applying structured Fortran programming to relevant science and engineering problems. As well this course will emphasize modular programming. (3,3,0) Prerequisite: Math 12 or permission of instructor. Recommended high school pre-calculus or calculus.

Economics 201-3.0: Principles of Microeconomics

A detailed study of sectors of the Canadian economy and of economic policies in Canada; monetary and financial issues will be presented in various contexts and from various viewpoints traditional microeconomic theory (of the firm, industrial organization, consumer and price behaviour, allocation of resources) will be analyzed in its ramifications and placed in a realistic context. (3,0,0)

Economics 202-3.0: Principles of Macroeconomics

We will engage in an analysis and discussion of major concepts, theories, perceptions and policies related to: how the system works, how wealth is created and distributed, why there are business cycles, how government intervention affects us, how markets work, why trade is important, why we speak of developed and underdeveloped areas. Theoretical tools and conceptual models from various schools of thought will be used as guidelines and will be tested for validity. (3,0,0)

English 101-3.0: Literature and Composition I

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

English 102-3.0: Literature and Composition II

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

English 151-3.0: Technical Writing I

Methods and forms of technical writing, including letters, resumes, short reports, and communications with media. Lectures and exercises in grammar, vocabulary and style. Students will also read and discuss some modern literature. (3,0,0) Prerequisite: English 12 or permission of instructor.

English 152-3.0: Advanced Technical Writing II

Advanced development of English communications skills for career and technical work settings. Applications include technical report writing, field notes, long technical reports, presentation skills, proposal writing and topics relevant to the professional work place. (3,0,0) Prerequisite: English 151 or equivalent or permission of instructor.

English 201-3.0 English Literature 1300 - 1650

A survey of major writers from Medieval times to 1660. Prerequisite: English 101/102 or permission of instructor.

English 202 - 3.0 English Literature 1650 - 1880

A continuation of English 201 from 1660 to the 20th century. Prerequisite: English 101/102 or permission of instructor.

English 203-3.0: Canadian Literature 1832-1914

The English Literature of Canada from the early 19th Century to World War I. Reading and discussion of works by Susanna Moodie, Duncan Campbell Scott, Stephen Leacock, and others. Written assignments based on the works read. (3,0,0) Prerequisite: English 101/102 or permission of instructor.

English 204-3.0: Canadian Literature 1914-1990

The English literature of Canada from World War I to the present (including some French Canadian Literature in translation). Written assignments based on the works read. (3,0,0) Prerequisite: English 101/102 or permission of instructor.

English 207-3.0:

Introduction to First Nations Literature in Canada

A study of First Nations Literature in Canada, from oral traditions to novels, poetry, drama and essays.

English 208-3.0:

Introduction to Multicultural Literature in Canada

A study of multiculturalism in literature in Canada.

English 209-3.0: Creative Writing I

Reading and criticism of student writing. Lyric poetry, short fiction, myths, autobiography, local history and journalism. (3,0,0) Prerequisite: English 101/102 or permission of instructor.

English 210-3.0: Creative Writing II

A continuation of English 209. (3,0,0) Prerequisite: English 209 or permission of instructor.

English 224-3.0: Women and Literature I

Through study of several literary genres and feminist literary criticism, this course will examine the ways in which women are represented and have contributed to the literary tradition. Written assignments based upon the works read. (3,0,0) Prerequisite: English 101/102 or permission of instructor.

English 225-3.0: Women and Literature II

This course is a continuation of English 224. (3,0,0) Prerequisite: English 101/102 or permission of instructor.

French 101-3.0: Introductory French I

This is a beginning French course which gives the opportunity to communicate immediately, using materials from the innovative and amusing French in Action series: videotapes, audiotapes, workbooks, and text. Supplementary reading materials ensure equal emphasis on the four language skills: understanding, speaking, reading and writing. (4,5,0,0)

French 102-3.0: Introductory French II

This course is a continuation of French 101 with introduction to some original French literature. (4,5,0,0) Prerequisite: French 101 or equivalent or permission of instructor.

French 107-3.0: Intermediate French I

This is an intermediate French course which gives the opportunity to communicate immediately, using materials from Level II of the innovative and amusing French in Action series: videotapes, audiotapes, workbooks, and text. Supplementary reading materials from Langue et Literature by Thomas Brown ensure equal emphasis on the four language skills: understanding, speaking, reading and writing. (4,5,0,0) Prerequisite: French 101/102, French 11 or permission of instructor.

French 108-3.0: Intermediate French II

This course is a continuation of French 107 with introduction to more original French literature. (4,5,0,0) Prerequisite: French 107, French 11 or permission of instructor.

French 110-3.0: Advanced French I

This is a course conducted in French for U.T. students and members of the community who have had French 12 or French 107-8 and wish to read complete works of literature in French, such as Moderato Cantabile by Morguevite Duras. There is also a complete review of grammar, and there are listening activities based on the Champs-Elysees series of tapes and the French in Action series. (4,5,0,0) Prerequisite: French 12, French 108 or permission of instructor.

French 111-3.0: Advanced French II

A continuation of French 110. (4,5,0,0) Prerequisite: French 12, French 108 or permission of instructor.

Geography 110-3.0: Man and the Environment

This course provides a scientific overview of important global and local environmental problems. The course examines the major ecosystems of the world and considers how changes in human activities, technology and population growth affect the health of natural ecosystems. (3,0,0)

Geography 111-3.0: Introduction to Human Geography

This course introduces the various subfields of human geography. It provides a solid foundation for students who are interested in pursuing a career in urban planning, politics, economics, teaching and social sciences. Some of the topics examined include map use, populations and cultures, political systems, spatial behaviour, natural resources, urbanization and the nature of regions. (3,0,0)

**Geography 150-3.0: Physical Geography I:
Biogeography, Meteorology and Climatology**

An interesting overview of the physical environment and its relationship to human culture and impacts of human activities. Principal topics covered include: cartography and remote sensing, meteorology, climatology, global environmental problems, and biogeography. Laboratory experience will focus on map skills and methods in meteorology and biogeography. Field trips to examine local features and to collect data are required and may be scheduled on weekends. (3,3,0)

Geography 160-3.0: Physical Geography II: Geology, Geomorphology and Soils

The study of landforms, geological processes, soils, and their impact on human culture. Emphasis is to be placed on the description of soils and landforms and the processes which form them. Examples from throughout the world are studied. Laboratory experience focuses on soils, fossils, map and air photo skills and field examinations of landforms. Field trips to examine local features and to collect field data are required and may be scheduled for weekends. (3,3,0)

Geography 201-3.0: Environmental Climatology

Environmental climatology is an examination of the boundary layer climate and its impact upon the microclimates of ecosystems throughout the world. Discussion includes both natural systems and modified features and examines the impacts of microclimatic changes initiated by human activities. Laboratories include methodology in measurement of microclimates and field trips to quantify microclimatic differences between ecosystems or associated with human modification of landscapes. (3,3,0) Prerequisites: Biology 101/102 and/or Geography 150/160 or equivalent first year sciences.

Geography 202-3.0: Geography of Ecosystems

This course is an examination of the environmental factors that control the distribution and development of ecosystems, including climatic and geological change. The course emphasizes plant ecology, the structure and functioning of ecosystems, ecosystem strategies relative to soil and climatic conditions, and includes discussion of the effects of disturbance and management on natural and altered systems throughout the globe. Laboratories include investigations of ecosystem characteristics, biomass structures, soils, and impacts of disturbance. Field trips, including one-day weekend surveys, may be held. (3,3,0) Prerequisites: Geography 150/160 and/or Biology 101/102 or equivalent first year sciences or permission of instructor.

Geography 203-3.0: Geomorphology

Geomorphology is a one-semester course that attempts to provide a comprehensive examination of the natural processes that are active in shaping the face of this and other planets. This course will emphasize the basic principles of geomorphology and will allow students to develop some of the skills that are necessary for field work in the environmental sciences. Local field trips and laboratory assignments are an important part of this course. Geomorphology is of particular relevance to students who intend to major in Geography,

Geology, Forestry, Agriculture or Ecology. (3,3,0) Prerequisites: Geography 150/160 or equivalent first year sciences or permission of instructor.

Geography 204-3.0: Spatial Analysis and Geographic Information Systems (GIS)

An introduction to the theory and practical applications of analytic techniques used to study spatial information in Geography and other disciplines. The types of spatial data that exist together with methods of collection in the field and analysis of spatial data using statistical methods are examined. Concepts associated with integrating spatial data in Geographic Information Systems (GIS) are presented as well as techniques used in planning and resource management. Laboratories emphasize gaining practical skills in analyzing spatial data with computers. This course is relevant to all students who deal with spatial information including those interested in Geography, Biology, Ecology, Forestry and Environmental Sciences. (3,3,0) Prerequisites: Computer Science 111 or equivalent computer skills, Geography 150/160 and/or Biology 101/102 or equivalent first year sciences or permission of instructor.

Geography 207-3.0: Soils/Hydrology

An examination in detail of hydrological processes and their relationships to ecosystems structures, soils and watersheds. Lectures, laboratories and field work will emphasize the impacts of natural processes, management and disturbance upon the hydrological balance and the characteristic reactions and properties of specific soil types to disturbance and hydrological changes. Methods of prevention of soil degradation and mass wasting associated with resource extraction are examined in detail in the lectures and laboratories/field work. (3,3,0) Prerequisites: Geography 150/160 or permission of instructor.

Geography 225-3.0: Regional Geography of British Columbia

Using the concepts and methods of regional geography, this course examines British Columbia in terms of the patterns of its physical and human landscapes. The interaction of climate, geology, biogeography, history, resource utilization, settlement and economic activities are the foundation for discussion of the regions of B.C. and the relationship of the Province to the remainder of Canada, North American Pacific Coast and the Pacific Rim. (3,0,0) Prerequisites: 15 first year credits or permission of the instructor.

Geography 226-3.0: Regional Geography of Canada

This regional geography course examines Canada in terms of the patterns of its physical and human landscapes. The interaction of climate, geology, biogeography, history, resource utilization, settlement and economic activities are utilized in the discussion of the regionalization of Canada and the resulting interregional and international relationships. (3,0,0) Prerequisites: 15 first year credits or permission of instructor; Geography 225 strongly recommended.

Geology 157-3.0: Introduction to Northwest Geology

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

Geology 158-3.0: Historical Geology

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

History 103-3.0: Europe from the 1820's to the 1890's

The course is designed as an introduction to the characteristic features of society, economics and politics. It will be a comparative analysis of structures and decision making in Britain, France, Germany and Russia and will emphasize relations between the rulers and the ruled. The revolutions of 1848, the formation of working class consciousness, the new imperialism of the late nineteenth century.

History 104-3.0: Europe 1917 to 1948

In the form of a comparative analysis this course will focus on major political and socio-economic developments in Germany, the Soviet Union and Italy. It will include discussion of salient aspects of communism, nationalism, socialism and fascism and of the background to the Second World War.

History 105-3.0:

Canada to the Mid-Nineteenth Century

This is an attempt to make the more remote past of this country meaningful to us today. We will examine the interrelationship between native people and newcomers, the nature of French Canadian society and the politics of economic and social development in Ontario.

History 106-3.0:

Canada Since the Mid-Nineteenth Century

We will study and discuss primarily the collective life experiences of Canadians (natives, immigrants, workers, women) in the context of economic conditions (including two great depressions) and we will analyze political responses to them.

History 201-3.0:

Imperialism from the Mid-19th Century to the Present

We shall be dealing with a variety of notions, theories and analysis (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) Prerequisites: 1st Year History (6 credits) or 15 first year credits or permission of instructor.

History 205-3.0:

European Imperialism in Africa, 1860-1960

European imperialism in Africa from 1860 - 1960 and onwards, under its contending ethnic philosophies and practices; the historical sequence in European rivalry, partition, colonialism and neocolonialism, as governing influences in continuing African determination of nationhood and nationalism; apartheid in South Africa as a particular development within the period. (3,0,0) Prerequisites: 1st Year History (6 credits) or 15 first year credits or permission of instructor.

History 209-3.0: History of Native People of Canada

A review of the history of Aboriginal People of Canada from the time of contact to today. Late pre-contact cultures, military alliances, treaties, land claims and settlements, comprehensive claims and self government will be discussed. The Indian act will be dealt with in some detail. (3,0,0) Prerequisites: 1st Year History (6 credits) or 15 first year credits or permission of instructor.

History 210-3.0: History of Western Canada

A review of the political, social and economic history of the Prairie Provinces and British Columbia. Immigration, Native Peoples, industrial, agricultural and resource development will be discussed. Urbanization and transportation will be a focus. The development of regional protest political parties will be reviewed. (3,0,0) Prerequisites: 1st Year History (6 credits) or 15 first year credits or permission of instructor.

History 215-3.0: History of the United States to 1865

A political, economic and social review of the events and forces that shaped the development of the United States from a colony through to a nation torn by Civil War. (3,0,0) Prerequisites: First year History (6 credits) or 15 first year credits or permission of instructor.

History 216-3.0: History of the United States After 1865

A history of the political, economic and social development of the United States in the late nineteenth and twentieth centuries. (3,0,0) Prerequisites: First year History (6 credits) or 15 first year credits or permission of instructor.

History 231-3.0: Germany in the 20th Century

We will identify and analyze the driving forces in German society and politics under the Kaiser, in the Weimar Republic, under Hitler and in the two Germanies after 1945 and we will study how major foreign powers attempted to deal with the German question. (3,0,0) Prerequisites: 1st Year History (6 credits) or 15 first year credits or permission of instructor.

History 241-3.0: The Soviet Union, 1917-1990

We will study and analyze major political and socio-economic developments from the days of the October Revolution (and its background conditions) to Gorbachev. Significant attention will also be given to the problem of socialism - theory and practice. (3,0,0) Prerequisites: 1st Year History (6 credits) or 15 first year credits or permission of instructor.

Math 101-4.5: Calculus I: Differential Calculus

An introduction to the fascinating theory and powerful techniques of calculus, tailored to the needs of students intending to major in science or engineering. The topics treated include limits, derivatives, techniques of differentiation, related rates, curve sketching, optimization, root finding, differentials, and trigonometric, logarithmic and exponential functions. (4.5,0,0) Prerequisite: Mathematics 12 with a grade of C or better, or permission of instructor. Calculus 12 is recommended.

Math 102-4.5: Calculus II: Integral Calculus

This course introduces the notion of integration, and applies the process to solve problems such as those of calculating the areas of regions with curved boundaries and the volumes of solids enclosed by curved surfaces, averaging quantities which vary in time, and determining completely specific expressions for functions when only relations among their rates of change are given. Students reaching the end of the course will be rewarded with a look at the theory of infinite series. (4.5,0,0) Prerequisite: A grade of C or better in Math 101 or its equivalent, or permission of the instructor.

Math 111-3.0: Pre-Calculus I

This course includes all the algebra topics necessary for calculus including function algebra, graphing, polynomials and rational functions, logarithmic and exponential functions. (4.5,0,0) Prerequisite: C or better in Math 11 or its equivalent or permission of instructor.

Math 112-3.0: Pre-Calculus II

This course is subsequent to Math 111. Together with Math 111 this course will provide the student with all the skills necessary to enroll in Math 101. Topics include trigonometry, sequences and series, and analytic geometry. (4.5,0,0) Prerequisite: C or better in Math 111 or permission of instructor.

Math 131-3.0: Introduction to Statistics

An introduction to statistical methods. Persons completing the course will develop an understanding of the methods of statistics and facility with basic statistical techniques. Topics presented include descriptive statistics, probability and probability distributions, hypothesis testing, regression and correlation, analysis of variance and non-parametric statistics. (3,0,0) Prerequisite: Math 11 or its equivalent or permission of instructor.

Math 141-4.5:**Mathematics for the Managerial and Social Sciences I**

An introduction to mathematical techniques relevant to those students intending to major in commerce, economics and the social sciences. Topics presented include derivatives and rates of growth, techniques of differentiation, differentials, optimization, exponential, logarithmic and trigonometric functions, antiderivatives. Not eligible for science credit. Students may not obtain credit for both Math 101 and Math 141. (4.5,0,0) Prerequisite: Math 12 or its equivalent or permission of instructor.

Math 142-4.5:**Mathematics for the Managerial and Social Sciences II**

A continuation of Math 141. Topics presented include techniques of integration, the definite integral, exponential growth and decay, introduction to first-order differential equations, matrix algebra, partial derivatives, linear programming. Not eligible for science credit. Students may not obtain credit for both Math 102 and Math 142. (4.5,0,0) Prerequisite: A grade of C in Math 141 or its equivalent or permission of instructor.

Math 190-4.0:**Principles of Mathematics for the Elementary Teacher**

This course will help the prospective elementary teacher understand the mathematical principles of elementary level mathematics. Topics covered will include: sets, functions and logic, whole number, fractional number, and rational number systems, geometry, and probability and statistics. Students should note this is neither a skills nor a methods course. (4,0,0) Prerequisites: Math 11 or permission of the instructor. Students may not receive credit for this course if they are enrolled in any other university level mathematics course.

Oceanography 208-3.0: Introduction to Physical, Chemical and Geological Oceanography.

This course introduces the history, methodology and fundamental principles of Geological Oceanography. Some of the topics covered include: history and development of oceanography; methods; ocean basin structure; properties of sea water; salinity, temperature and density distributions; circulation; waves and tides; acoustics; the oceans and climates. (3,0,0) Prerequisites: First year science or permission of instructor.

Oceanography 209-3.0: Introduction to Biological Oceanography.

This course introduces the history, methodology and fundamental principles of Biological Oceanography. Some of the topics covered include: biological ocean; phytoplankton; zooplankton; benthos; fisheries and aquaculture; marine sediments; marine resource and pollution of the sea. (3,0,0) Prerequisites: First year science or permission of instructor.

Philosophy 101-3.0: Introduction to Philosophy

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

Philosophy 102-3.0: Moral Philosophy

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

Physics 101-3.0: Introduction to Physics I

This course provides science and engineering students who have not taken Physics 12 with a general introduction to Classical Physics. The topics surveyed in this course are vectors, Newtonian Mechanics, properties of materials and thermodynamics. The various physical laws, for example, Newton's universal law of gravity and conservation of mass, energy and momentum, will be discussed using the principles of calculus. However, problems and exams will not require calculus for their solutions. (3,3,0) Prerequisites: Physics 11 and Math 11 (Math 12 recommended) or the permission of instructor. Corequisite: Math 101 or permission of instructor.

Physics 102-3.0: Introduction Physics II

Physics 102 is a continuation of the survey of classical physics begun in Physics 101. The topics covered in this course are electricity and magnetism, waves and an introduction to modern physics. In the first topic, electrostatics, steady state currents and magnetism will be discussed while, in the second topic, waves on wires, sound waves and light waves will be considered. Finally, an introduction to relativity and quantum physics will be presented as the last topic. The concepts described in this course will be discussed using the principles of calculus. However, problems and exams will not require calculus for their solutions. (3,3,0) Prerequisites: Physics 101 or permission of the instructor. Corequisite: Math 102 or permission of instructor.

Physics 121-3.0: Advanced Physics I

This course provides science and engineering students who have taken Physics 12 with a detailed investigation of Newtonian Physics. The topics covered in depth in this course are Newtonian Mechanics of few bodies, namely, thermodynamics. In the first topic, translational and rotational statics and dynamics will be discussed in terms of forces, torques and energy while, in the second, thermodynamics will be presented from the point of view of conservation of energy and atomic theory. The various physical laws will be discussed using the principles of differential calculus. Problems and exams will require differential calculus for their solutions. (3,3,0) Prerequisites: Physics 12 and Math 12 (High school pre-calculus or calculus recommended) or permission of instructor.

Physics 122-3.0: Advanced Physics II

Physics 122 is a continuation of the detailed investigation of classical physics begun in Physics 121. The topics covered in depth in this course are electricity and magnetism, and waves. In the first topic, electrostatics and magnetism will be discussed from the point of view of forces and fields while steady state and time dependent currents will be presented using conservation of charge and energy. The second topic will consist of an in depth study of waves on wires, sound waves and light waves based upon the properties of waves. The concepts described in this course will be discussed using the principles of differential and integral calculus. Problems and exams will require calculus for their solutions. (3,3,0) Prerequisites: Physics 121 or permission of instructor. Corequisite: Math 102 or permission of instructor.

Political Science 101-3.0: Canadian Politics I

This course will deal with an analysis of state and society and various assumptions about them and we will study and discuss government and party policies on various levels (and in a historical context); emphasis will be on current social and economic policies. (3,0,0)

Political Science 102-3.0: Canadian Politics II

A continuation of Political Science 101 with emphasis on provincial affairs and politics in the context of sociopolitical and economic structures. Attention will be given to current events. (3,0,0)

Psychology 101-3.0: Introductory Psychology I

A first course in psychology; a prerequisite to further study in psychology; a required course for S.S.W. students; a course for anyone interested in discovering what psychology can tell us about why we feel, think and act the way we do. This course and the follow up course, Psychology 102, surveys models and theories relevant to the various sub-areas of psychology by the examining the research psychologists have done and are doing. Specific topics this semester include perspectives and methods, biology of behaviour, human development, sensation, perception, consciousness, and conditioning and learning. The classes include lectures, structured experiences, discussions and audiovisual presentations. This course should be followed by Psychology 102. (3,0,0)

Psychology 102-3.0: Introductory Psychology II

This course is a continuation of Psychology 101. The classes include lectures, structured experiences, discussions and audiovisual presentations aimed at familiarizing the students with current psychological views. The specific topics this

semester are: memory, cognition, motivation, emotion, stress, personality, psychopathology, therapy and social psychology. (3,0,0) Prerequisites: Psychology 101 or permission of instructor.

Psychology 201-3.0: Developmental Psychology I

If you would like to gain some insight into your own history and want to know more about what your life will be like as you grow through the adult years, the study of life-span development will be of interest to you. This is the first half of a two semester second year elective course in psychology. Following an introduction to methods and theories and a review of genetics and prenatal development we will examine development in infancy, early childhood and middle childhood, from a physical, cognitive and psychosocial point of view. The focus will be on the normal process growing but some potential developmental problems will be discussed. Classes consist of lectures, discussions, audiovisual presentations and structured experiences. (3,0,0) Prerequisites: Psychology 101 and 102 or permission of instructor.

Psychology 202-3.0: Developmental Psychology II

This course is a continuation of Psychology 201. In this second semester, the topics included are adolescence, early, middle and late adulthood. Each of these topics is viewed from a physical, cognitive and psychosocial point of view. The focus is on the normal process of growing but potential developmental problems will be reviewed. Classes consist of lectures, discussions, audiovisual presentations and structured experiences. (3,0,0) Prerequisites: Psychology 101, 102 and 201 or permission of instructor.

Psychology 211-4.5: Experimental Psychology I

This is the first half of a second year course which is a prerequisite to many third year psychology courses at various institutions. The focus in this course is on the psychological methodology and experimental design as they apply to research in psychology. After a review of the basics of psychological research, a variety of experimental designs will be reviewed and students will become familiar with the specific writing style suited to reporting psychological research. This course has both a lecture and laboratory component. (2.5,2,0) Prerequisites: Psychology 101 and 102 (Psychology 201 or 221 concurrently, is recommended) or permission of instructor.

Psychology 212-4.5: Experimental Psychology II

This course is a continuation of Psychology 211. It consists of a review of how various experimental designs are applied to specific research areas in psychology. Lecture and laboratory

topics include physiology, perception, attention, memory, cognition, motivation, emotion and personality. Students will design, carry out, write reports and present the results of several research projects. This course has both a lecture and laboratory component. (2.5,2,0) Prerequisites: Psychology 101 and 102 (Psychology 202 or 222 concurrently, is recommended) or permission of the instructor.

Psychology 221 - 3.0:**Abnormal Psychology and Therapy I**

A second year elective psychology course for students interested in learning more about psychological disorders and therapy. Recommended for students who plan to work or are working in a mental health related setting. In this course we start with a thorough examination of the historical antecedents, current theoretical perspectives, and assessment as they relate to abnormal psychology and therapy. This is followed by a review of some of the psychiatric disorders including perspectives on causes and treatment. Specific topics this semester include: stress, health and adjustment disorders; personality disorders; anxiety disorders and; dissociative and somatoform disorders. (3,0,0) Prerequisites: Psychology 101 and 102 or permission of instructor.

Psychology 222 - 3.0:**Abnormal Psychology and Therapy II**

This course is a continuation of Psychology 221. Specific topics this semester include, mood disorders and suicide, sexual and gender identity disorders, schizophrenic and other psychotic disorders This, behaviour disorders of childhood and adolescence, methods of therapy and treatment and contemporary ethical and legal issues. (3,0,0) Prerequisites: Psychology 101, 102 and 221 or permission of instructor.

Sociology 101-3.0: Introductory Sociology I

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

Sociology 102-3.0: Introductory Sociology II

Using a variety of sociological perspectives this course examines the major institutions of society and some of the major trends of modern society. Religion, minority groups, education, politics, urbanization, industrialization and social movements will form the basis of the course. (3,0,0) Prerequisite: Sociology 101 or permission of instructor.

Sociology 205-3.0: Sociology of the Family

A description and analysis of family structure in modern industrial societies. Topics include theoretical perspectives of family and family change, mate selection, marriage and divorce, gender roles and power within families, child-rearing, variant family forms, family law and policy issues related to family. (3,0,0) Prerequisite: Introductory Sociology or Anthropology or permission of instructor.

Sociology 206-3.0:**The Family in Cross-Cultural Perspective**

Through theoretical analyses and case studies this course makes cross-cultural comparisons to provide an understanding of variations in the structure and meaning of mate selection, marriage relations, forms of domestic organizations, child-rearing, the sexual division of labour, property and inheritance found in various social and economic content. (3,0,0) Prerequisite: Introductory Sociology or Anthropology or permission of instructor.

Sociology 209-3.0: 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) Prerequisite: Introductory Sociology or Anthropology or permission of instructor.

Sociology 210-3.0: Canada: Differing Perspectives II

This course is a continuation of Sociology 209, with an emphasis on work patterns and lifestyles. (3,0,0) Prerequisite: Introductory Sociology or Anthropology or permission of instructor.

Sociology 250-3.0: Sociology of Deviance

This course provides an examination of deviant behaviour as a social phenomenon. The course will use concrete examples of deviance to explain, analyze and assess traditional and modern perspectives of deviance. (3,0,0) Prerequisites: Sociology 101/102 or permission of instructor.

Sociology 251-3.0: Crime and Society

An examination of criminal behaviour in Canadian society. Students will assess and examine data collection, research and crime statistics, as well as areas such as violent crime, prostitution, sex crimes, organized crime and business crime. (3,0,0) Prerequisites: Sociology 101/102 or permission of instructor.

WELDING

(Terrace & Prince Rupert Campuses)

Northwest Community College offers the **Provincial Welders Training Program**. This is a competency based, self-paced program which is designed to provide learners with the skills required to function as a safe and competent entry level tradesperson. Training is divided into Levels C, B and A, taking approximately seven months to complete Level C, four months for Level B and three months to complete Level A.

Graduates have found employment in fabrication and maintenance shops which service all sectors of forestry, mining and transportation. "B" Level ticket holders are employed in jobs which require qualification pressure procedures, while "A" Level ticket holders are employable throughout the welding field.

ADMISSION REQUIREMENTS

1. Grade 10 or G.E.D. or CCP (ABE) Intermediate Level Math and English, and
2. Successful completion of a Northwest Community College assessment.
3. Learners who have significant and relevant prior experience may be admitted based on an interview with the Course Instructor and the Program Administrator.

NOTE:

Learners should be aware that many employers require Grade 12 completion.

FEES

1. Tuition as described in the general information section.
2. C.S.A. approved safety footwear (W.C.B. regulations).
3. Refundable tool deposit of \$50.
4. Purchase of necessary learning resources (available at College Bookstore).

NOTE:

We encourage Trades learners to enhance their employability by enrolling in Level I First Aid. First Aid courses are scheduled throughout the year. (See Continuing Education Extension Offerings section.)

Learners are required to provide...

Pencils, pens, eraser, ruler, three ring binders, paper (lined & unlined), scientific calculator, geometry set, welding gloves, welding helmet and leather jacket or cape.

START DATE

Program is offered from September to June. Learners may enroll at any time and are admitted as space permits.

PROGRAM OUTLINE

LEVEL "C" CONTENT

(Requires approximately 7 months to complete)

- P1 Introduction and Program Orientation
- P2 Gas Cutting
- P3 Gas Welding & Braze Welding
- P4 Shielded Metal Arc Welding I
- P5 Shielded Metal Arc Welding II
- P6 Gas Metal Arc Welding I Flux Core Arc Welding
- RK1 Material Handling
- RK2 Blueprint Reading
- RK3 Metallurgy I (Introduction Only)

NOTE: To be granted a "C" Level, Ministry of Labour qualification, learners must successfully complete the "C" Level content (as above) and have five months welding experience.

LEVEL "B" CONTENT

(Requires approximately 4 months to complete)

- P7 Shielded Metal Arc Welding II
- P8* Gas Metal Arc Welding II
- P9* Flux Core Arc Welding II
- P10* Gas Tungsten Arc Welding I
- RK4 Welding Quality Control and Inspection
- RK5 Code Standards and Specifications
- RK6 Blueprint Reading II
- RK7 Metallurgy II

** Only one of these modules is required.*

NOTE: To be granted a "B" Level, Ministry of Labour qualification, learners must hold a "C" Level Ministry of Labour qualification, and successfully complete the "B" Level content (as above) and have nine months welding experience.

LEVEL "A" CONTENT

(Requires approximately 2 months to complete)

- P11 Shielded Metal Arc Welding III
- P12 Gas Metal Arc Welding II
- RK8 Metallurgy II
- RK9 Blue Print Reading III

NOTE: To be granted a "A" Level, Ministry of Labour qualification, learners must hold a "B" Level Ministry of Labour qualification, and successfully complete the "A" Level content (as above) and have ten months welding experience.

WELDING UPGRADING

Upgrading is available upon request and as space permits to those wishing to improve their techniques or become proficient in special processes. Learners requesting Boiler Pressure Vessel Certification can apply directly to the Welding Department in either Prince Rupert or Terrace. The assessment of credentials will be done by the Welding instructors and the Ministry of Labour, Skills Development Division.

Note:

Fees for Welding Upgrading are currently under review.

WILDERNESS GUIDING SKILLS

(Smithers Campus)

Northwest Community College offers a Wilderness Guiding Skills program which is designed to meet the increasing demand for well trained personnel in the guiding industry. Graduates have been highly successful in finding work as wranglers, trail cooks, and hunting, fishing and trail guides. As urban residents from around the world search for wilderness experiences, the employment opportunities for trained people in this area increase.

The Wilderness Guiding Skills program is designed and taught by people who are active in the industry. During the early weeks the program takes place near Smithers in an outdoor base camp which provides an ideal setting for learning basic skills such as camp set-up, management and cooking. Practical skills to ensure comfort and safety are not only taught but lived as students assume responsibility for all aspects of camp life.

Students are introduced to basic guiding skills consistent with the occupational standards of a variety of wilderness guiding sectors. These skills range from survival and wilderness first aid to professionalism, leadership and guide-client relationships. All students are also introduced to skills specific to particular guiding sectors. Training is provided in basic horse care and use, back country travel and skills related to canoeing and other aspects of water-based guiding.

As the program progresses students move into the back country. In small groups they prepare for, conduct and conclude trips which simulate guiding excursions. Skills introduced earlier in the course are reinforced and integrated. Activities are undertaken in locations which typify the renowned wilderness values which have established Northwestern B. C. as a world class adventure tourism destination.

ADMISSION REQUIREMENTS

Applicants should be 19 years of age.
Additional admission criteria are under development.

HOW TO APPLY

An application form must be completed and returned to the College along with tuition deposit of \$500 and a covering letter outlining reasons for choosing the Wilderness Guiding Skills program. Applicants are also requested to indicate any disabilities which might affect their participation in the program. Applicants may also be required to participate in a pre-course interview, face-to-face or via telephone.

Applications may be obtained from any College centre or by writing to Northwest Community College, Box 3606, Smithers, B.C., V0J 2N0, or calling (604) 847-4461.

FEES

Tuition:	\$1,050.00 *
Food & Lodging:	\$1,875.00

**International students are assessed tuition fees at a higher level to offset the cost of their training to the provincial government.*

DATES AND LOCATION

This program starts each year in mid-April and continues through June. It is offered through the Smithers campus.

Transfer Credit Guide

TRANSFER CREDIT GUIDE TO PROFESSIONAL ORGANIZATIONS

This is a summary of the transfer guides published by professional organizations. Transfer arrangements are subject to change at any time. Please refer to their publications for further information. For information on Transfer Credit to B.C. Colleges, consult an Educational Advisor.

Northwest Community College	Society of Management Accountants (CMA)	Institute of Chartered Accountants of B.C. (CA)	Certified General Accountants (CGA)	Credit Union Institute of Canada	Institute of Canadian Bankers	Municipal Officers' Assoc. of B.C.	Purchasing Management Assoc. of B.C.
ACCT. 150 ACCT. 151	FA 1 for both	Intro. Financial Acct. for both	FA 1 for both	Acct. 110 for both		Acct. 1 Acct. 2	M09 for both
ACCT. 250 ACCT. 251	FA 2 For both or FA 3 for ACCT. 251	Intermed. Financial Acct. for both	FA 2 & FA 3 for both				
ACCT. 252	MA 1 for Acct. 252/253 and Beng. 150	Intro. Mgmt. Acctg. Cost Acctg.	MA 1				MO3 for both
ACCT. 253							
ACCT. 254	IA1	Intro Audit	Auditing 1 - exemption only Must write CGA course exam				
BCPT. 150		Business Computers	MS I (with NWCC Bcpt 250)		Option - Mgmt Sc.	Data Processing	M12 with Bcpt 250
BCPT. 250	ASI.	Mgmt. Info. Systems	MS I (with NWCC Bcpt 150)			Info. Systems	M12 with Bcpt 150
BENG. 150	See Acct. 252/253		Business Writing	Comm 120		Bus. Comm.	
BFIN. 250 BFIN. 251	FM 1 for both	Finance for both	FN 1 for both	Finance 150 for both			MO4 for both
BLAW. 152	CL 1	Commercial Law	LAW 1			Personnel	M11
BPOL. 250							M06
CPSC 111 CPSC 112					Option - Mgmt SC		

Northwest Community College	Society of Management Accountants (CMA)	Institute of Chartered Accountants of B.C. (CA)	Certified General Accountants (CGA)	Credit Union Institute of Canada	Institute of Canadian Bankers	Municipal Officers' Assoc. of B.C.	Purchasing Management Assoc. of B.C.
CPSC 121 CPSC 122					Option - Mgmt SC		
Econ 101 Econ 102					Mod II - Econ		
ECON. 150 ECON. 151	ECl for both	Economics for both	Econ. 1 for both	ECON 170 for either		Macro Econ.	M14 M10
ECON. 201 ECON. 202				Mark 140 1/2 credit			MO1
MARK. 150							
MATH. 150		Mathematics					
MATH. 151	QM1	Probability/Stats.					
MGMT. 150				Mgmt/Bus. Admin 130 1/2 credit			M08
MGMT. 251	OB1	Org. Behaviour		Org. behaviour 160	Mod I-BA Module	Org. Behaviour	MO2
MGMT. 253				Elective 180 with Mgmt. 255			
MGMT. 254				Elective 180 with Mgmt. 253			M05
MGMT. 255							
TAXIN. 250	TX1	Intro. Tax.	Tax 1-exemption only Must write CGA course exam.				

NORTHWEST COMMUNITY COLLEGE
CURRENT TRANSFER CREDIT TO UNIVERSITIES
(Consult the College on former transfer arrangements)
(Information is up-to-date as of March 1997)

NWCC	OPEN UNIVERSITY	SFU	TRINITY WESTERN	UBC	UVIC	UNBC
ACCOUNTING 150/151	Admn 231-3 for both	Bus 251-3 for both	Busi 221-3/ no credit	Comm 1st yr 3 ea.	Com 202-1.5 for both	Comm 210-3 for both
250/251	Admn-3 ea. LL	no credit/ no credit	Busi 321-3/ Busi 322-3	Comm 2nd yr 3 ea.		Comm 310-3 for both with min grade of B
252/253	Admn 232-3/ Admn-3 LL	Bus 254-3 for both	Busi 323-3/ Busi 324-3	Comm 2nd yr 3 ea.	Com 210-1.5 for both	Comm 211-3 for both
254				Comm 2nd-3		
ANTHROPOLOGY 101/102	Anth-3/ Anth 101-3	GE Artis-3/SA 101-3 Ref Tr Notes	Anth 100 lev-3/ Anth 101-3	Anth-3 ea. 1st yr.	Anth 100A-1.5/ Anth 100B-1.5	Anth 100-3/ Anth 101-3
111/112	Anth-3 ea.	SA-3 Anth/SA 286-3 Refer Tr Notes	T.B.A./Anth 100- lev-3	Anth 3 ea. 1st yr.	Anth 100 lev-1.5 ea.	Anth 100 lev-3ea.
120	Anth-3	SA 101-3 Tr Notes	Indiv assess	Anth-3 1st yr.	Anth 100B-1.5	
201/202	Anth-3 ea.	SA-3 Anth 200 div ea. or SA-3 & SA-3 Anth 200 div for both	Anth 100 lev-3 ea.	Anth-3 ea. 2nd yr.	Anth 200A-1.5 ea. or Anth 200A -1.5 & Anth 200 lev-1.5 for both	Anth 200 lev-3ea.

NWCC	OPEN UNIVERSITY	SFU	TRINITY WESTERN	UBC	UVIC	UNBC
ANTHROPOLOGY (Cont.)						
203/204	Anth-3 LL ea.	SA-3 Anth ea.	Anth 200 lev-3 ea.	Anth-3 ea. 2nd yr. Either precludes credit for Anth 304	Anth 200 lev-1.5 ea.	Anth 200 lev -3 ea.
205	Anth-3	Arch-3	Anth 200 lev-3			
209	Anth-3 or Fina-3 Fnst-3	Arch-3	Art 200 lev-3		Anth 200 lev-1.5	
210	Anth-3 or Fina-3 Fnst-3	Arch 326-3	Art 200 lev-3		Anth 200 lev-1.5	
ART 103/104	FINA-3 ea. Studio		Indiv assess		HA 100 lev 1.5 ea.	
BHSC 225			Indiv assess		MICR 100 lev-1.5	
BIOLOGY 101/102	Bisc 121-3 & 126-1/Bisc 120-3 & 125-1	Bisc 101-3/ Bisc 102-3	Biol 113-3/ Biol 114-3	Biol-6 1st yr. for both	Biol 220-1.5/ Biol 210-1.5	Biol 100 lev-3 ea. or Biol 100-4 & Biol 100 lev-2 for both
131/132	Bisc-3 ea.		Biol 100 lev-3 ea.	no credit/ no credit	Biol 100 lev -1.5 ea.	Biol 100 lev-3 ea.
201/202	BISC-3 ea.	Bisc-3/ Bisc 316-3	Biol 262-3/ Biol 208-3	Biol 205-3/ Biol 204-3	Biol 200 lev-1.5/ Biol 200 lev-1.5	Biol 202-3/ Biol 320-3

NWCC	OPEN UNIVERSITY	SFU	TRINITY WESTERN	UBC	UVIC	UNBC
BIOLOGY (Cont.) 203/204	BISC-4 ea.	Bisc 326-3/ Bisc 337-3	Biol 200 lev 3 ea.	Biol 209-3/ Biol 210-3	Biol 200 lev-1.5/ Biol 200 lev-1.5	Biol 301-4 for both
205/206	Bisc 220-4, Bisc-1/Bisc-4	Bisc-6 & Bich 221-0 & Bich 222-0 for both with B-grade or better	Biol 223-3/ Biol 200 lev-3	Biol 200-3/ Biol 201-3	Biol 225-1.5/ Bisc 200-1.5	Biol 200 lev -3 ea.
209	Bisc-3 or with 210 = Bisc 210 & Bisc-3	Bisc 202-3	Biol 200 lev-3	Biol-3 2nd yr. Preculdes 334	Biol 230-1.5	Biol 310-3 for both
210	Bisc-3 or with 209 = Bisc 210 & Bisc-3	Bisc-3	Biol 200 lev-3	Biol-3 2nd yr. Preculdes 335	Biol 200 lev-1.5	
211	Bisc-3 Perculdes credit for Bisc 350 or 451	Bisc 204-3		Biol 2nd yr-3 Preculdes credit for 303	Biol 215-1.5	
BUSINESS COMPUTERS						
150	Cmpt-3 or 150 & 250 = OU Cmpt 150-3		Cmpt 110-3	Comm 1st yr-3		
154		no credit		Comm 1st yr-3		
250	Cmpt-3 or 150 & 250 = OU Cmpt 150-3		Indiv assess	Comm 2nd yr-3		
BUSINESS ENGLISH 150				no credit		

NWCC	OPEN UNIVERSITY	SFU	TRINITY WESTERN	UBC	UVIC	UNBC
BUSINESS FINANCE 250/251		Bus-3 ea.	Busi 342-3 for both	Comm 2nd yr-3 ea.	Com 240-1.5 for both	Comm 220-3 for both
BUSINESS LAW 152		Bus 393-0 + Bus-3	no credit	Comm 1st yr-3	Com 100 lev-1.5 Precludes credit for Com 302	Comm 300-3
BUSINESS POLICY 250				Comm 2nd yr-3		
BUSINESS SIMULATION 250				Comm 2nd yr-3		
CHEMISTRY 101/102	Chem 110-3 + Chem 115-1/Chem 111-3 + Chem 116-1	Chem 102-3 & 115-0/Chem 103-3 & 118-0	Chem 103-3 Chem 104-3	Chem 110-6 for both	Chem 101 & 102-3 for both or Chem 100 lev 1.5 ea.	Chem 100 lev-4 ea. or Chem 100-3, 101-3, 120-5, 121-5 for both
121/122	Chem 110-3 & 115-1/Chem 111-3 & 116-1	Chem 102-3 & 115-0/Chem 103-3 & 118-0	Chem 111-3/ Chem 112-3	Chem 121-3/ Chem 122-3	Chem 101-1.5/ Chem 102-1.5	Chem 100-3/ Chem 101-3, 100, 101, 120, 121 for both
230/231	Chem 240-3 & 245-1/Chem 241-3 & 246-1	Chem 150-3/ Chem 250-3 & 155-0	Chem 221-3/ Chem 222-3	Chem 230-6 for both	Chem 231-1.5/ Chem 232-1.5	Chem 201, 250-4/ Chem 203, 251-4
COMPUTER 170/270						CPSC 150-3 for both

NWCC	OPEN UNIVERSITY	SFU	TRINITY WESTERN	UBC	UVIC	UNBC
COMPUTER SCIENCE 111/112	Cmpt 150-3/ Cmpt-3	Cmpt 001-3/ Cmpt 103-3. Credit for 112 or 121. See Trans. Notes	Cmpt 110-3/ Cmpt 100 lev-3	Cpsc-3 ea.	CSC 100-1.5/ CSC 100 lev-1.5	CPSC 150-3/
121/122	Cpsc-3 ea.	Cmpt 103-3/Cmpt-3 Credit for 112 or 121. See Trans. Notes	Indiv assess/ Cmpt 231-3	Cpsc-3 ea.	CSC 110-1.5/ CSC 115-1.5	CPSC 100 lev-3/
131	Cpsc-3	Cmpt 102-3 Trans. Notes	no credit	Cpsc 111-3	CSC 100 lev-1.5	CPSC 100 lev-3
ECONOMICS 150	Econ 200-3	Econ 103-3	Econ 100 lev-3	no credit	Econ 103-1.5	
151	Econ 201-3	Econ 105-3	Econ 100 lev-3	no credit	Econ 104-1.5	
201/202	Econ 200-3/ Econ 201-3	Econ 103-3/ Econ 105-3	Econ 201-3/ Econ 202-3	Econ 100-6 for both	Econ 103-1.5/ Econ 104-1.5	
ENGLISH 101/102	Engl 100-3/ Engl 101-3	Engl 101-3/Engl 103-3. See Trans. Guide	Engl 100 lev-3 ea. Either replaces 103 or 104	Engl-3 ea. 1st yr.	Engl 121-1.5/ Engl 122-1.5	Engl 100 lev-3 ea.
109/110	CRWR-3 ea.	no credit	Engl 207-3/ Engl 208-3	CRWR 202-6 Refer to Transfer Notes	Writ 100 lev-1.5/ Writ 100 lev -1.5	
151	Engl-3	no credit	Comm 310-3	no credit	Engl 100 lev-1.5	Engl 170-3
152		no credit	Comm 100 lev-3	no credit	Engl 100 lev-1.5	
153						Engl 170-3 with NWCC Engl 262

NWCC	OPEN UNIVERSITY	SFU	TRINITY WESTERN	UBC	UVIC	UNBC
ENGLISH (Cont.) 201/202	Engl 220-3/ Engl 221-3	Engl 204-3/Engl 206-3 or Engl 205-3 for either on request	Engl 213-3/ Engl 214-3	Engl 201-6 for both	Engl 200-3 for both	Engl 200 lev-3 ea.
203/204	Engl-3 ea.	Engl 221-3 for either or Engl 221-3/Engl-3 for both	Engl 217-3/ Engl 218-3	Engl 202-6 for both	Engl 202-3 for both	Engl 200 lev-3 ea.
207	Engl-3	Engl 105-3	Engl 200 lev-3	Engl-3 2nd yr	Engl 200 lev-1.5	
208		Engl 105-3	Engl 2nd yr-3	Engl 2nd yr-3	Engl 250-1.5	
209/210	CRWR-3 ea.	GE-3 CrWr. or Engl-3 for the first CrWr. crs and GE- CrWr. for subsequent CrWr. courses	Engl 207-3/ Engl 208-3		Writ 100 lev- 1.5 ea.	Engl 200 lev-3 ea.
224/225	Engl-3 ea.	Engl-3 ea.	Indiv assess	WmSt. 224-6 for both or Arts-3 ea.	Engl 200 lev-1.5/ WS 200-1.5	Engl 210-3 for either or Engl 200-3 lev-3
262						Engl 170-3 with NWCC Engl 153
FORESTRY 152						NREM 203-3 for NWCC 152,240 + 340
153						Fsty 201-4

NWCC	OPEN UNIVERSITY	SFU	TRINITY WESTERN	UBC	UVIC	UNBC
FORESTRY (Cont.) 210						NREM 203-3 for NWCC 152,240 + 340
340						NREM 203-3 for NWCC 152,240 + 340
360					Stat 255-1.5	Fsty 205-3
372						Fsty 305-4 with NWCC Frst 475
375						Fsty 305-4 with NWCC Frst 375
475						
FRENCH 101/102	Fren-3 ea.	Fren-3 ea. 000 div. Refer to Trans. Notes	no credit	Fren 105-6 for both	Fren 100-3 for both	Humn 100 lev 3 ea.
107/108	Fren-3 ea.	Fren-3 ea. 000 div. Refer to Trans. Notes	Fren 111-3/ Fren 112-3	Fren 110-6 for both	Fren 160-3 for both	
110/111	Fren-3 ea.	Fren-3 ea. 000 div. Refer to Trans. Notes.	Fren 121-3/ Fren 122-3	Fren 121-3 or 122-3/ Fren 122-3 or 123-3 depending on placement test.	Fren 181-1.5/ Fren 182-1.5	Humn 100 lev-3 ea.
GEOGRAPHY 110	Geog-3	Geog 102-3		Geog 121-3	Geog 101A-1.5	Geog 100-3
111	Geog-3	Geog 100-3		Geog 122-3	Geog 101B-1.5	Geog 201-3

NWCC	OPEN UNIVERSITY	SFU	TRINITY WESTERN	UBC	UVIC	UNBC
GEOGRAPHY (Cont.) 150/160	Geog 110-3/ Geog 111-3	Geog-3 Phys Geog ea. or Geog 111 & Geog-3 Phys Geog for both	Geog 101-3/ Geog 102-3	Geog 102-3/ Geog 103-3 or Geog 101-6 for both	Geog 213-1.5 ea. or Geog 200p lev 1.5 ea.	Envs 201-3/ Geog 210-3
201/202	Geog (3) LL ea.	Geog 214-3/ Geog 215-3	Geog 200 lev-3 ea.	Geog 204-3/ Geog 207-3	Geog 200 lev-1.5 ea.	Geog 200 lev-3 ea.
203	Geog-3	Geog 213-3		Geog-3 2nd yr. Precludes Geog 306	Geog 200p lev-1.5	Geog 210-3
204	Geog-3	Geog 253-3	Geog 200 lev-3	Geog-3	Geog 202-1.5	
207	Geog-3	Geog 213-3	Geog 200 lev-3 lab Science	Geog 205-3	Geog 213-1.5	
225/226	Geog 270-3/ Geog 370-3	Geog 265-3/ Geog 162-3	Geog 200 lev-3/ Geog 230-3	Geog-3/ Geog 290-3	Geog 200 lev-1.5	Geog 200-3/ Geog 203-3
257	Geog-3	Geog-3	Indiv assess	Geog-3	Geog 100 lev-1.5	
GEOLOGY 157/158	Geol 120-3/ Geol 100 lev-3	EASC 101-3/ EASC 102-3	Geol 113-3/ indiv assess	Geol 100-3/ Geol 205-3		Geog 200 lev -3 ea.
HISTORY 103/104	Hist-3 ea.	Hist 224-3/ Hist 225-3	Hist 100 lev-3/ Hist 223-3	Hist-3 ea. 1st yr.	Hist 200 lev-1.5/ Hist 105 p.c.-1.5	Hist 100 lev-3 ea.
105/106	Hist 120-3/ Hist 121-3	Hist 101-3/ Hist 102-3	Hist 235-3/ Hist 236-3	Hist 135-6 for both	Hist 130-3 for both	Hist 210-3/ Hist 211-3
201	Hist-3	Hist-3	Hist 200 lev-3	Hist-3 2nd yr.	Hist 200 lev-1.5	Hist 200 lev-3

NWCC	OPEN UNIVERSITY	SFU	TRINITY WESTERN	UBC	UVIC	UNBC
HISTORY (Cont.)						
205	Hist-3	Hist 231-3	Hist 200 lev-3		Hist 200 lev-1.5	Hist 200 lev-3
209	Hist-3	FNST 201-3. May request credit as Hist-3 200 lev group 2.	Hist 100 lev-3	Hist-3 2nd yr.	Hist 200 lev-1.5	Hist 200 lev-3
210	Hist-3	Hist 201-3	Hist 200 lev-3	Hist-3 2nd yr.	Hist 200 lev-1.5	Hist 302-3
215	Hist 231-3	Hist 212-3	Hist 251-3	no credit	Hist 210 p.c.-1.5	Hist 220-3
216	Hist 232-3	Hist 213-3	Hist 252-3		Hist 210p.c.-1.5	
231	Hist-3	Hist-3	Hist 100 lev-3	Hist-3 2nd yr.	Hist 200 lev-1.5	Hist 200 lev-3
241	Hist-3	Hist-3	Hist 251-3	Hist-3 2nd yr.	Hist 200 lev-1.5	Hist 200 lev-3
MANAGEMENT						
150		no credit	Busi 280-3	Comm 1st yr-3		Comm 100-3
201		no credit		Comm 2nd yr-3		Comm 302-3
251	ADMIN-3	no credit	Indiv assess	Comm 2nd yr-3 Exempt from C292	Com 220-1.5	Comm 230-3
252		no credit		Comm 2nd yr-3		no credit
253		no credit		Comm 2nd yr-3		no credit
254		no credit	Busi 351-3	Comm 2nd yr-3		no credit
255		Bus 381-0 & Bus-3		Comm 2nd yr-3		Comm 330-3

NWCC	OPEN UNIVERSITY	SFU	TRINITY WESTERN	UBC	UVIC	UNBC
MARKETING						
150		no credit	no credit	Comm 1st yr-3 Exempt from C396	Com 250-1.5	Comm 240-3
251		Bus-3		Comm 2nd yr-3		no credit
252		no credit		Comm 2nd yr-3		no credit
253		no credit		Comm 2nd yr-3		no credit
MATHEMATICS						
101/102	Math 120-3/ Math 121-3	Math 151-3/ Math 152-3	Math 123-3/ Math 124-3	Math 100-3/ Math 101-3	Math 100-1.5/ Math 101-1.5	Math 100-3/ Math 100 lev-3 102 & 112 = Math 101-3
111/112	Math 100-3 for both	Math 100-3 for both	no cr/Math 100-2	no cr/no cr	Math 120-1.5 for both	Math 115-3 for both, 102 & 112 = Math 101-3
131	Math 102-3	Math-3	Math 102-3	Stat 203-3	Stat 100 lev-1.5	Math 242-3
141/142	Math-3 ea. or Math 101-3 and Math-3 for both	Math 157-3 Precludes SFU 151/Math-3	Math 100 lev-3 for one of 141 or 142	Math 140-3/Math 141-3	Math 100 lev-1.5 ea. or Math 102-1.5 & Math 100 lev-1.5 for both	Math 100 lev 3 ea. or Math 151-3 & Math-3 for both
150/151	Math-3/ Math 102-3	Math-3/ Stat-3	Indiv assess/ Math 102-3	no credit/ Stat 200-3	/Stat 252-1.5	
190	Math 190-4	Math 190-4	Math 190-3	Math-3, precludes Math 130 & 335	Math 160A-1.5	Math 100 lev 3 Not for Science or CPSC major.

NWCC	OPEN UNIVERSITY	SFU	TRINITY WESTERN	UBC	UVIC	UNBC
OCEANOGRAPHY 208	SCIE-3LL	Geog-3 Phys Geog	Nats 100 lev-3 Not for lab science	Ocgy 2nd yr-3 Precludes credit for Ocgy 308	Biol 200 lev-1.5	Scie 200 lev-3
209	Bisc-3 LL	Bisc-3 Biol Oceanography	Nats 100 lev-3 Not for lab science	Ocgy 2nd yr-3 Precludes credit for Ocgy 309	Biol 200 lev-1.5	Scie 200 lev-3
PHILOSOPHY 101	Phil-3			Phil 1st yr-3	no credit	
PHYSICS 101/102	Phys 110-3 & 115-1/ Phys 111-3 & 116-1	Phys 101-3/ Phys 102-3	Phys 101-3/ Phys 102-3	Phys 100-3/no cr, or Phys 100-3 & Phys -3 1st yr for both. Exempt Phys 101	Phys 102-3 for both	Phys 100-4/ Phys 101-4
121/122	Phys 110-3 & 115-1/ Phys 111-3 & 116-1	Phys-3 ea. or Phys 120-3, 121-3, 131-0 for both	Phys 111-3/ Phys 112-3	Phys 101-3/ Phys 102-3	Phys 112-3 for both	Phys 110-4/ Phys 111-4
POLITICAL SCIENCE 101/102	Poli -3 ea.	Pol 221-3/ Pol 212-3	Pols 100 lev-3/ Pols 100 lev-3	Poli 200-3/ Poli 240-3	Poli 100 lev-1.5 ea. or Poli 100 lev-3 for both	Pols 200-3/ Pols 201-3
203	Poli-3	Pol 241-3	Pols 100 lev-3	Poli 260-3	Poli 240-1.5	
PSYCHOLOGY 101/102	Psyc 101-3/ Psyc 102-3	Psyc 100-3/ Psyc 102-3	Psyc 105-3/ Psyc 106-3	Psyc 100-6 for both. Refer trans. notes	Psyc 100A-1.5/ Psyc 100B-1.5	Psyc 101-3/ Psyc 102-3
201/202	Psyc-3 ea. May not take Psyc 344/345 for credit	Psyc-3 ea. or Psyc-3 & GE Psyc-3 for both	Psyc 211-3/ Psyc 212-3	Psyc-3 ea. 2nd yr Refer ea. to trans. notes.	Psyc 200 lev- 1.5 ea.	Psyc 200 lev-3 ea. Permission req'd for 345

NWCC	OPEN UNIVERSITY	SFU	TRINITY WESTERN	UBC	UVIC	UNBC
PSYCHOLOGY (Cont.) 221/222	Psyc-3 ea.	Psyc 241-3/Psyc-3	Indiv assess	Psyc 204-3/Psyc-3 2nd yr. Refer Trans. notes	Psyc 200 lev-1.5 ea.	Psyc 200 lev-3 ea. Precludes Psyc 303
SOCIAL SERVICE WORKER * 141/142	SSWP 200/ SSWP 112				SocW. 200A-1.5/ SocW. 200B-1.5	SocW 200-3/ SocW 201-3
151/162/164	SSWP 109 & 110				C Sc 100-1.5 for both	CPSC 150-3 for both
167/168	SSWP 107 & 207				Psyc 200-lev-1.5	
266	Psyc-3	Psyc-3				
268	Psyc-3	Psyc 355-3				
SOCIOLOGY 101/102	Soci 101-3 Soci 102-3	SA-3 100 div ea. or SA 150-3 & SA-3 100 div for both. Tr. notes.	Soci 101-3 ea.	Soci 100-6 for both	Soci 100-1.5 ea. or Soci 100-1.5 & 100 lev-1.5 for both	Sosc 100 lev-3 ea.
205/206	Soci-3 ea. Either precludes or for 430.	SA-3 200 div ea.	Soci 221-3/ Soci 100 lev-3	Soci-3 ea. 2nd yr	Soci 200 lev-1.5 ea. Need permission 305	Sosc 200 lev-3 ea.
207	Soci-3	SA 100-3 Refer to Tr. notes.	Indiv assess	Soci-3 2nd yr.	Soci 200 lev-1.5	
209/210	Soci-3 ea.	SA 150-3/ SA 100-3	Indiv assess	Soci-3 ea. 2nd yr.	Soci 200 lev-1.5 ea.	Sosc 100 lev-3/ Sosc 200 lev-3

NWCC	OPEN UNIVERSITY	SFU	TRINITY WESTERN	UBC	UVIC	UNBC
SOCIOLOGY (Cont.) 250	Soci 2nd yr-3	Crim 104-3 with Soci 251		Soci 250-3	Soci 200 lev-1.5	Sosc 200 lev-3
251	Soci 222-3	Crim 104-3 with Soci 250		Soci 250-3	Soci 200 lev-1.5	Sosc 100 level
SPANISH 101/102	Span-3 ea.		Huma 100 lev-3 ea.	Span 100-6 for both	Span 100A-1.5/ Span 100B-1.5	
TAXATION 250		no credit		Comm 2nd yr-3		

* NOTE: SOCIAL SERVICE WORKER — In addition to specific course credit, may receive 6 units block credit to the School of Social Work at UVIC.

Continuing Education/ Extension Offerings

*Should you wish to discuss the options of
customized training or general interest
courses, contact us at the
NWCC Campus nearest you!*

<i>Hazelton</i>	(250) 842-5291
<i>Houston</i>	(250) 845-7266
<i>Kitimat</i>	(250) 632-4766
<i>New Aiyansh</i>	(250) 633-2292
<i>Masset</i>	(250) 626-3627
<i>Queen Charlotte City</i>	(250) 559-8222
<i>Prince Rupert</i>	(250) 624-6054
<i>Smithers</i>	(250) 847-4461
<i>Stewart</i>	(250) 636-9184
<i>Terrace</i>	(250) 638-5452

- * *Air Brakes*
- * *Coastal Eco-Adventure Tourism*
- * *Cultural Tourism*
- * *First Aid*
- * *Professional Driving*

*NWCC calendars and program brochures are available by contacting
one of the above listed campuses.*

Continuing Education/ Extension Offerings

*"Providing adults of Northwestern
British Columbia with quality training
and learning opportunities."*

Continuing Education/Extension Services departments of Northwest Community College are committed to meeting the lifelong needs of people in the Pacific Northwest. The departments provide quality credit and non-credit training throughout the year. The range of offerings includes partnership training with community groups, customized workplace training, university transfer programs and general interest courses.

Northwest Community College values its customers and has a goal of providing training to suit your specific needs. Whether you require a one day training course, continuous multi-phased training with the option of laddering into a Diploma program or co-ordination of special events i.e. conferences, we are prepared to meet your needs!

We have the ability & resources to provide training:

- * at Northwest Community College campuses
- * on-site at your workplace
- * on-site in the community
- * via teleconference
- * via videoconference (some College centres)

Examples of training which can be provided:

- * Business Skills Training Courses
- * Career Preparation Program
- * Computer Training
- * General Interest Courses
- * First Aid Training
- * Eco-Tourism
- * Management Skills for Supervisors
- * Professional Cook Training
- * Residential Home Care Training
- * Technical Preparation Courses
- * Forest Workers Level Training

Keep in mind that *Continuing Education/Extension Services* of NWCC has the ability to provide customized training for your organization. Should you wish to discuss the options of customized training or general interest courses, please contact us at a NWCC Campus nearest you.

*Should you wish to be added to our Continuing Education/
Extension Offerings mailing list for updated information that
may benefit your business or organization please contact us!*

Regular Scheduled Program Offerings

AIR BRAKES

This course includes 24 hours of theory and practical instruction on Airbrake Systems. Upon successful completion of a pre-trip, you will receive credit for the pre-trip for 30 days toward the Motor Vehicle Branch Air Endorsement Examination. CSA approved safety footwear required for the practical instruction. Prerequisite: Valid BC Drivers License.

Courses are scheduled on a regular basis throughout the year.

An Air Brakes endorsement is a pre-requisite for our Professional Driver Training course (course description also this section).

COASTAL ECO-ADVENTURE TOURISM CERTIFICATE

(Prince Rupert Campus)

The ever-increasing demand from those seeking the challenge and excitement of outdoor adventure has accelerated the expansion of the adventure tourism sector. The west coast of British Columbia provides an unparalleled setting for some of these adventure travels to occur. Guided trail walks in the coastal mountains, hiking through pristine wilderness, wildlife identification and nature observation, and cultural and marine historical tours are just some of the exciting activities available. Because of such vigorous expansion to the eco-tourism sector, the need for trained professionals to meet the increasing demand has never been greater.

A career in the eco-tourism industry involves a commitment to the physical, emotional and intellectual demands reflected in the training program. Learners are immersed in the program by living and working together for extended periods of time. It is highly recommended for those who possess a genuine passion for the outdoors and want to share that passion. On completion of the program graduates will be well equipped to find employment as assistant guides, interpreters, hosts, tour group leaders, sports lodge operators and

employees as well as many other occupations within the eco-adventure tourism industry.

The Coastal Eco-Adventure Tourism program is delivered in a base-camp setting to ensure that participants assume supervised responsibility of camp set-up and management according to the professional ethics, standards, safety and legal requirements established for the eco-adventure tourism industry. Some of the certifications delivered in this program include Wilderness First Aid, SuperHost and Cultural Awareness, Foodsafe, Restricted Radio Operator, and Marine Emergency Duties.

For those who wish to continue with their studies beyond the certificate level, access to diploma and degree level courses of study are available.

ADMISSION REQUIREMENTS

1. Must be 19 years of age to meet certification requirements for some components of this program.
2. Proficient use of English and Mathematics based on program's assessment test. (Recommended Grade 10 or equivalent.)
3. Possess a good swimming ability, based on Bronze Medallion entry requirements.
4. Be physically fit (Medical Assessment to be completed prior to acceptance).
5. Recommended that participants possess a valid driver's license.

HOW TO APPLY

Application forms are available from any College Campus and **must be submitted by October 31, 1997** along with a \$500 deposit and a cover letter outlining personal goals and the appropriateness of participating in this training to meet those goals. Applicants are also requested to indicate any disabilities that may affect their participation in this program. A **pre-course interview (scheduled from November 17 to 28, 1997) is required prior to acceptance into the program. Notification of Acceptance to this program is December 1, 1997.**

FEES

Tuition	\$4,900
Food & Lodging	\$2,300

DATES & LOCATION

The program starts February 2, 1998 and continues through to May 29, 1998 and is offered at our Prince Rupert campus.

PROGRAM OUTLINE

Introduction to Tourism and Eco-Adventure Tourism

- Overview of the Eco-Adventure Tourism industry
- Impacts/ Trends
- Travel Motivators
- Professionalism, Standards, Codes of Conduct, and Ethical Considerations
- Legal, Safety, and Risk Management Essentials
- Leadership Roles and Responsibilities
- Career Opportunities

Human Relations & Customer Service

- Effective Communication Skills
- Group and Teamwork Building
- Problem Solving/Conflict Resolution
- Customer Service Orientation
- Professionalism
- Guide/Client Relationship
- Leadership
- Setting Goals and Standards
- Evaluation of Client Satisfaction

Conservation and the Environment

- Adventure Tourism and the Demand for Natural Settings
- Impacts of Adventure Tourism on Natural Settings and Host Communities
- Adventure Tourism and Sustainable Development
- Case Studies of Sustainable Tourism Practices
- Conservation Agencies and Organizations
- Environmental Ethics and Stewardship in the Tourism Industry

Coastal Heritage Interpretation

- Defining Interpretation and its Principles
- Heritage Interpretation Standards
- Communicating Effectively and Understanding How People Learn
- Researching, Designing, Delivering and Evaluating the Interpretive Program
- Communicating Across Cultures
- British Columbia's Coastal Cultural Heritage
- British Columbia's Coastal Natural Heritage

Field Skills - Coastal Tourism Specific

- Orienteering/Navigation Fundamentals
- Small Craft Master
- Foodsafe
- Risk Management
- Trip Preparation and Planning
- Camp Set-up and Management

- Conducting and Costing a Camp
- Flat Water Canoeing - Level 3
- Restricted Radio Operator
- Sea Kayak Touring
- Sailing - CYA Basic Cruising Level
- Outboard Motors - Repair and Maintenance
- Sports Fishing
- Wilderness First Aid
- Professional Drivers License, Class IV
- Knots & Splices
- Bronze Medallion
- Physical Fitness Training

Skills Development/Work Experience

- Hands on practice in the field, combined with the theory learned in the classroom will be consolidated on an on-going basis to ensure reinforcement of skills are practiced throughout the delivery of all program components. At the completion of training, participants will be placed with host employers in the eco-adventure tourism industry for a period of one month of on-the-job training.

Enquiries about this program can be made by calling the Prince Rupert Campus (250) 624-6054.

CULTURAL TOURISM CERTIFICATE

(Hazelton Campus)

Northwest Community College is in the process of developing a Cultural Tourism Certificate program.

The certificate program will prepare graduates for employment in the tourism field and may ladder into diploma and degree programs. This program will be beneficial to individuals who have a goal of working in any of the eight tourism sectors: accommodation, food and beverage, events and conferences, transportation, adventure tourism and recreation, travel trade, attractions, and tourism service.

To express your interest in this program contact our Hazelton Campus at (250) 842-5291.

FIRST AID

Courses are regularly scheduled and may be offered on request to employers, community organizations and other interested groups. Fees and course schedules are listed in the Fall/Winter brochures issued by each College Centre. Phone your local College Centre for additional information.

Northwest Community College offers a variety of courses in First Aid. Both the Workers' Compensation Board of BC and The Canadian Red Cross Society have changed and upgraded their courses.

WORKERS' COMPENSATION BOARD OF BC (WCB) COURSES

Level 1

This is an 8 hour emergency first aid course designed to meet WCB standards. The course provides an introduction to basic life support techniques. Level 1 is designed by WCB for industrial requirements. It is a good basic first aid course for anyone interested in emergency care.

Level 2

Level 2 is a course designed to meet WCB standards for an intermediate first aid course. This course provides the fundamentals of emergency care until the ambulance arrives.

Transportation Endorsement

This endorsement is required for all Level 1 and 2's who work more than 20 minutes from the hospital. Prerequisite: Level 1 or 2 certification.

Level 3

Level 3 is a course designed to meet WCB standards for an Occupational First Aid Attendant. Completion of this course entitles the student to take the Worker's Compensation Board exam.

Some NWCC Campuses offer the Level 3 course in 70 hour and 105 hour formats. The 70 hour course is offered in evening sessions and day sessions. The 105 hour course is offered in day sessions only. The longer 105 hour course is recommended for students not already possessing a ticket or ticket holders who feel they would benefit from the additional course time.

Level 3 Renewal Training

The Occupational First Aid Level 3 Renewal Training course covers all emergency medical techniques considered to be the responsibility of a Level 3 First Aid Attendant providing emergency care in industry.

This course consists of 10 lessons involving a minimum of 35 hours of classroom study and practice and is designed for the self starting motivated student.

NOTE:

Understanding the first aid concepts is essential. It is strongly recommended that all pre-reading and homework be completed in its entirety, prior to beginning of class. The need for pre-reading and continual review is essential for the understanding of first aid subjects covered in each lesson. Lectures will be brief and cover key content areas which will enable the learner to provide emergency care to injured workers. Time allotted for practical application of the theory will be increased if these concepts are understood.

THE CANADIAN RED CROSS SOCIETY'S VITAL LINK PROGRAM

Vital Link Standard First Aid

This is an 18 hour course designed to teach the fundamentals of emergency care and first aid. Cardiopulmonary Resuscitation (CPR) is included.

Vital Link Emergency First Aid

This is an 8 hour course designed to provide an introduction to basic life support techniques. Cardiopulmonary Resuscitation (CPR) is included.

Vital Link Cardiopulmonary Resuscitation (CPR) (Canadian Heart Foundation Standards)

Four levels of courses are available, each covering basic life support skills, how to recognize a heart attack, what to do if a person is choking and one person CPR.

COURSES OFFERED INCLUDE:

Heart Saver (formerly 'A' level)

A 4 hour course concentrating on adults.

Heart Saver Plus (formerly 'B' level)

A 6 hour course concentrating on infants, children and adults.

Basic Rescuer (formerly 'C' level)

This 8 hour course concentrates on infants, children and adults. 2 person CPR is included.

Infant and Child (formerly 'D' level)

This 6 hour course concentrates on infants and children.

Childsafe

This 8 hour course is designed to do more than teach emergency first aid for infants and children. Its main premise is that accidents can be prevented by educating the adult, changing the environment and educating the child. This is done through interactive sessions involving accident prevention and safety education.

First Aid For Teachers

Serving as an excellent review or introduction to First Aid, this intensive 3 hour workshop is designed for the school situation.

PROFESSIONAL DRIVER TRAINING

This modularized course is designed to assist learners to acquire the skills required to obtain Class 1 driving status. Safe operation, maintenance and duties of competent Professional Drivers are emphasized in this program.

ADMISSION REQUIREMENTS

1. 19 years of age.
2. Clear driving abstract. *(No outstanding driving offenses on your record.)*
3. Valid Air Brakes Endorsement *(courses offered each month at N.W.C.C.)*
4. Valid Class 1 Learners Permit.

PROGRAM OUTLINE

- Describe Professional Driving.
- Use Safe Work Practices.
- Operate Vehicles and Equipment.
- Describe the Maintenance of Vehicles.
- Identify Regulations.
- Handle Cargo.
- Maintain Records.

Note:

We use the Province of B.C. Approved Curriculum developed with the assistance of the Professional Commercial Vehicle Operators of B.C.

Courses are offered on a regular basis throughout the year. Call us - We can fit your schedule!

Other Opportunities

** First Nations*

** General Education Development Tests (G.E.D.)*

** Open Learning Agency*

** Provincial Instructor Diploma Program*

** Diploma in Adult Education*

** University of Northern B.C.*

FIRST NATIONS

Northwest Community College has formed a variety of very special partnerships with First Nations in our region. Recently developed agreements outline protocol for developing and implementing educational initiatives for First Nations people. Our intent is to provide for a working relationship which gives primacy and control to the First Nations groups rather than vesting this in the College. The College serves in a variety of capacities (full partner, associate, resource, etc.) depending on the requirements as determined by the First Nations groups.

GENERAL EDUCATION DEVELOPMENT TESTS

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

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

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

Classes are available at some College centres to help you prepare for the GED tests. Contact your College centre for dates and procedures.

LITERACY TRAINING

(Hazelton, Houston, Kitimat, Masset, Prince Rupert, Smithers and Terrace Campuses)

The basic literacy program is intended for students who are non-readers and for those who wish to improve their basic math, reading, writing and spelling skills. One-to-one instruction is available in Houston, Smithers, Hazelton, Terrace, Kitimat, and Masset. Group classes are usually available in Prince Rupert. In an effort to meet the needs of the student, the time and place of instruction with a tutor is flexible. There is no cost for these services (except for the Prince Rupert classes) and all books will be loaned to the student.

You can get more information from your local College Centre or you can call the Adult Literacy Contact Centre (1-800-663-1293).

If you know anyone who may have difficulty reading this calendar, please give them the information about these literacy programs.

The College supports training programs for people who would like to be a tutor in the Basic Literacy program. If you, or someone you know, would be interested in participating in this program, please contact your local College centre.

PROVINCIAL INSTRUCTOR DIPLOMA

The Provincial Instructor Diploma program provides individuals with opportunities to develop instructional competencies in the design, management and evaluation of instruction for adults. This program consists of six 30 hour courses and a final assignment.

PROGRAM OUTLINE

- 101 Instructional and Curriculum Design
- 102A Elements of Instruction
- 102B Elements of Instruction
- 103 Use/Design of Instructional Media
- 104A Evaluation of Learning and Instruction
- 104B Evaluation of Learning and Instruction

plus:

Major Assignment for Diploma.

DIPLOMA IN ADULT EDUCATION

The Diploma in Adult Education is an advanced qualification for those working with adult learners. Courses have transfer credit to the University of Alberta Bachelor of Education degree in Adult Education. The program consists of the courses in the Provincial Instructor Diploma program, plus eight 30 hour courses. Entrance requirements are similar to requirements for the Provincial Instructor Diploma, however;

ID 101 Instructional and Curriculum Design is a pre-requisite for ID 301 College Organization & Its Educational Context. 104B Evaluation of Learning and Instruction Part B is a pre-requisite for ID 304 Educational Leadership.

Entrance requirements are similar to requirements for the Provincial Instructor Diploma, however, ID 101 Instructional and Curriculum Design is a prerequisite for ID 204 Educational Leadership.

PROGRAM OUTLINE

Courses as described in Provincial Instructor Diploma plus;

- 301 College Organization & Context
 - 302 Introduction to Developmental Psychology
 - 303 Microcomputers in Education
 - 304 Educational Leadership
 - 305 Effective Communication Skills for Educators
 - 306 Effective Instructional Strategies with Adult Learners
 - 390 Practicum - 3 week placement
- Options - Choose One:*
- 400 Native Adult Learner
 - 401 Instructional Strategies with ESL Learners
 - 402 Organizing International Education Instruction
 - 480 Gender & Diversity Issues in Education
 - 481 Cooperative Learning

These courses are offered by the Ministry of Skills, Training & Labour and are recognized at public and private colleges throughout the province. Interested individuals can contact Bev Davidson, Smithers Campus (250) 847-4461 or in Terrace, Linda McMurray (250) 635-6511. You may also contact Vancouver Community College at (604) 871-7488 to register for the entire program or for specific courses.

OPEN LEARNING AGENCY

What is the Open Learning Agency (OLA)? The Open Learning Agency's mandate is to provide leadership in the development and implementation of open learning in B.C. As a public educational institution committed to providing lifelong learning opportunities to British Columbians, OLA uses television (the Knowledge Network), telecommunications, electronic printing technologies, and tutorials to enable students to access learning opportunities otherwise unavailable to them. Courses and programs range from high-school completion and career, technical and vocational training, to undergraduate university degrees and various opportunities for non-formal learning, such as community-based learning circles.

Most OLA students study at home using specially designed distance learning materials and technology. Advisors and tutors are available for assistance in program planning and course completion. OLA students mail assignments to their tutors for marking and take their final exams in or close to their home communities, often at NWCC centres.

Working closely with our partners in learning - the province's universities, colleges, institutes, school districts, businesses and community and government agencies - OLA provides training and educational opportunities in ways that accommodate individual learners' circumstances.

People interested in receiving more information about OLA can contact NWCC advisors or call toll free to Educational Access Services at the Agency's Burnaby headquarters using the number listed.

OLA's Education Information Specialists will:

- Mail a free calendar describing OLA's college and university programs.
- Answer questions about OLA courses, programs, policies and procedures.
- Provide information about financial aid.
- Explain how OLA's Credit Bank operates to allow students to receive credit for both formal and non-formal learning.
- Provide information about programs offered at other colleges, universities and institutes in B.C.
- Assist with choosing and registering in courses.

OLA's Toll Free Number is 1-800-663-9711

IMPORTANT:

Northwest Community College students considering taking OLA courses to transfer into their NWCC programs should consult a NWCC Educational Advisor who will provide information about transfer credit.

UNIVERSITY OF NORTHERN BRITISH COLUMBIA

UNBC has a special mission to serve the students of northern British Columbia. Our 21 undergraduate and 14 graduate programs and many research activities are designed so that they are of particular relevance to the region. In addition, UNBC has a strong commitment to providing "one stop shopping" for all services such as counselling, housing, awards and financial aid, admissions, registration and co-op education.

As part of UNBC's commitment to northern BC, the university has established collaborative programs with the three northern colleges, including Northwest Community College. NWCC students can transfer their university credit courses to all UNBC programs, and also can transfer work from NWCC's Forestry/Natural Resources, Social Services and Business diplomas to UNBC degrees in those areas (please refer to the BC Transfer Guide for specific information about transfer credits from NWCC to UNBC).

UNBC offers several graduate and undergraduate degree programs in the Northwest. Selected courses are scheduled each term both face-to-face in Terrace and Prince Rupert, and via the WorldWideWeb throughout the region. Several graduate programs are underway in the region with full cohorts of students. Degrees available within the region are the BA General with several minors and, beginning in 1997, the BA in Resource Recreation & Tourism (pending funding & confirmation). Unique offerings in the Northwest include university credit courses in several First Nations languages and cultures. At the present time these include language courses in Sm'algyax (Tsimshian) and Haisla and Wet'suwet'en culture courses. The Wilp Wilxo'oskwhl Nisga'a offers Nisga'a language and culture courses for UNBC credit in several centres in the region, as well as a degree in Nisga'a Studies and several other programs in partnership with UNBC and NWCC.

For more information contact the following office:

Northwest Regional Office
University of Northern British Columbia
100 McBride Street
Prince Rupert, BC V8J 3E8

TELEPHONE:

(250) 624-2862 or
(250) 635-6511, Ext. 5742 (Prince Rupert)
or (250) 635-6511, Ext. 5448 (Terrace)

FAX:

(250) 624-9703 (Prince Rupert)
or (250) 635-1395 (Terrace)

Toll Free: 1-888-554-6554
Facsimile: (604) 960-6330
Internet: "alexcee@UNBC.edu"

Financial Aid Sources

** Federal & Provincial Government Assistance*

** Northwest Community College*

- Entrance Awards
- Bursaries
- Emergency Assistance
- Awards

** Awards Administered outside NWCC*

** Awards Administered by UBC/Tenable at NWCC*

** Students transferring to University & BCIT*

FINANCIAL AID SOURCES

A detailed description of the programs available at the College follows. In most cases eligibility requirements for programs are described in general terms.

Students planning to enroll at Northwest Community College should prepare a budget estimating resources and expenses. An estimated budget for a single student in an eight month program might be:

ESTIMATED EXPENSES

Tuition (\$1,000 - \$1,500)	\$ 1,200.
Textbooks/Supplies (\$500 - \$1,500)	1,000.
Living Costs (\$600/mo.)	4,800.
Miscellaneous (\$120/mo.)	960.
Transportation (\$60/mo.)	180.

\$ 8,140.

POSSIBLE RESOURCES

Savings from summer job	\$ 1,000.
Other savings	500.
Parental Contribution	500.
Bursary/Scholarship	250.
Part-time job during school year	500.

\$ 2,750.

Shortfall (\$ 5,390)

Estimates do not include moving costs, travel to and from home for weekends, clinical or practicum expenses.

For students whose estimated expenses exceed resources, Northwest Community College has a substantial financial aid program which includes loans and non-repayable funds.

FEDERAL & PROVINCIAL GOVERNMENT ASSISTANCE

Adult Basic Education Student Assistance Plan

ABESAP is a provincially sponsored program which provides for direct educational costs to students enrolled in programs such as:

- Academic Up-grading
- Adult Special Education
- English Language Training
- Employment Orientation Programs

Who May Apply

Any person who is:

- a British Columbia resident.
- enrolled at a participating secondary/post-secondary institution in a recognized Adult Basic Education program.
- not receiving financial assistance for educational expenses from any other source.

Applications are available at all NWCC centres and can be submitted to an Educational Advisor located at the NWCC centre of your choice.

Assistance Program for Students with Disabilities

Grants to a maximum of \$10,000 are provided to students with disabilities for the purchase of goods and services (students requiring attendant care may receive up to \$12,000 within a calendar year). This program will assist students who would otherwise encounter access barriers due to their disability. Eligible goods and services include adaptive special equipment that is not covered by SETBC or other funding and attendant care for direct support related to schooling. There is no provision for tuition or books.

Contact an NWCC Educational Advisor for more information.

British Columbia Student Assistance Program (Canada Student Loan/B.C. Loan Grant)

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

Levels of Assistance

The maximum assistance available per year in federal and provincial funds is \$235 per week of study for applicants without dependent children and \$360 per week of study for applicants with dependent children. Funds awarded under this program will be disbursed through a combination of Canada Student Loan, B.C. Student Loan and Grant payments, depending on eligibility.

Enrollment

You must maintain enrollment in 60% of a full course load (40% for those with permanent disabilities) for credit in a program at least 12 weeks long.

When to Apply

It is in the best interest of the applicant to APPLY EARLY, ten to twelve weeks prior to the beginning of classes.

Repayment of Loan

You must start repayment of both Canada and BC Student loans six months after leaving school.

Loan Remission

Students who graduate from post-secondary studies in a timely fashion plus meet other eligibility requirements may have a portion of their BC student loan (not Canada student loan) remitted or paid by the province. The total loan debt owed by the student (BC and Canada) must exceed the maximum debt level established each year.

For further information on the BC Student Assistance program, or to obtain an application package, contact any NWCC Centre.

First Nations

First Nations students who are interested in attending post-secondary institutions should contact their Band regarding assistance.

Health Care Scholarship Fund

This fund has been established to help health care workers retrain and upgrade their skills and keep pace with changing technology and preventative care needs. Bursaries of \$3,500 will be awarded to qualified applicants who meet the criteria and have the greatest financial need. Bursaries will be awarded equitably across all health care sectors.

- You may apply for a health care bursary if:
- you have worked in a publicly funded health care field in BC for at least 12 months within the last 3 years (full-time, part-time or casual);
 - you have been a permanent resident in BC for the last 12 months.

- you are enrolled in an eligible health care program of study at least 4 months in length at a BC public post-secondary school, St. Paul's Hospital or BC Cancer Agency program that leads to a Certificate, Diploma or Degree recognized for practice in BC;

- you can demonstrate financial need and/or that you will suffer significant financial loss by taking training.

For 1997 there will be three bursary periods: January-April, May-August, September-December. Deadline for applications is approximately 6 weeks before the start of the award period. Applications are available from the Educational Advisor at any Northwest Community College Campus.

Applicants should complete and return a bursary application form along with proof of employment to Health Care Scholarship Fund, Student Services Branch, Ministry of Education, Skills and Training, P.O. Box 9173 Stn. Prov. Govt, Victoria, BC, V8W 9H7.

Human Resources Centre of Canada

(formerly Canada Employment Centre)

If you are planning to enter full-time training and are in need of financial assistance, the Canada Employment Centre may be able to help.

Should you be eligible for, or in receipt of unemployment insurance benefits, be sure to make an appointment with a Programs and Services Officer, well in advance of your course start date.

For further information regarding sponsorship, contact your local Human Resources Centre.

Ministry of Education, Skills, and Training

The Ministry of Education, Skills, and Training, through its district offices, provides assistance to people who:

- are currently in receipt of Income Assistance under the GAIN Act;

and

- have been unsuccessful in obtaining employment following a seven month independent job search.

Priority for assistance will be given to youth 19 to 24 years of age. Funding may be available for assisted job search programs or for short-term career exploration and work readiness training. Individuals wanting academic upgrading or post-secondary skills training should explore the Adult Basic Education Student Assistance Plan or British Columbia Student Assistance program.

For further information, contact a Training Consultant in the Ministry of Education, Skills and Training office closest to you.

Part-time Student Loan

Guaranteed loans for part-time students attending post-secondary courses are available under a program funded by the Government of Canada. These loans may assist with the cost of tuition, textbooks, transportation, daycare and incidental expenses. Students must be in a program of at least 12 weeks duration and be enrolled in less than 60% of the full program of study.

Applications are available at all NWCC centres and can be submitted to an Educational Advisor located at the NWCC centre of your choice.

Special Opportunity Grants

1. Students with Permanent Disabilities

This grant program is designed to assist students who have a functional limitation or impairment. The awards are intended to meet expenses which are not covered by other support programs and agencies. This program is available to both full and part-time students. Students applying to this program must first apply for assistance through the regular British Columbia Student Assistance Program (full-time students) or the High Need Part-Time Program (part-time students).

2. High-Need Part-Time Students

This program is designed to assist students who cannot pursue their studies on a full-time basis and whose income falls below a prescribed threshold. Valid reasons for attending part-time include single parent status, responsible for the care of an elderly dependent or a dependent with a disability. The amount of assistance is based on a need assessment procedure and is in the form of a grant. When applying for this program, students may also apply to the Part-Time Student Loan program.

For further information on the above programs, contact an Educational Advisor at any Northwest Community College Campus.

Training Assistance Benefits Program

This provincially funded program is designed to provide direct educational costs for approved Youth Works and Welfare to Works clients enrolled in:

- Academic Up-grading
- Adult Special Education
- Basic Literacy
- Education and Career Planning
- English Language Training

This program is intended for clients who require up-grading in order to move into the workforce or pursue post-secondary

training. Eligibility for this assistance is based on an Employment Agreement authorized by Training Consultants at the Ministry of Education, Skills and Training.

For information on this program, contact any Ministry of Education, Skills and Training office.

Vocational Rehabilitation Services

The primary objective of Vocational Rehabilitation Services is to provide a comprehensive and co-ordinated program for persons with disabilities. The Vocational Rehabilitation Program consists of assessments of various types, restorative services, formal vocational training, on-the-job training and follow-up goods and services.

Eligibility for services is based on two criteria:

- (a) Presence of a permanent physical or mental impairment which results in a substantial handicap to employment;
- (b) A reasonable expectation that Vocational Rehabilitation Services will benefit the individual in terms of employment.

Referrals to Vocational Rehabilitation Services may come from community agencies, family physicians, government agencies, parents, guardians or individuals themselves.

For further information contact 638-6582.

Work Study Program

This program is designed to provide on-campus work experience for students requiring financial assistance while attending a post-secondary institution. The program is open to British Columbia residents studying at participating universities, colleges and institutions located in British Columbia.

Further information may be obtained from any NWCC centre.

NORTHWEST COMMUNITY COLLEGE AWARDS

Northwest Community College Endowment Fund

The Endowment Fund was established in December, 1984 in response to a challenge from the Vancouver Foundation. Its purpose is to earn interest under the management of the Vancouver Foundation. The principal donations to the Endowment Fund are never spent but the interest it generates each year is used for financial assistance in the form of grants and scholarships for deserving students. Through the generos-

ity of large numbers of individuals, corporations, clubs, groups, the College, and the Vancouver Foundation, the principal in the fund has grown to \$250,000.00. This money is already generating interest which is being used for much needed student assistance. Corporations, businesses, service clubs, unions and individuals may contribute tax-deductible donations to the fund by contacting the College. Your contribution will remain in the fund permanently and continue to provide student aid money.

For information call the Registrar in Terrace, 638-5420.

ENTRANCE AWARDS

Northwest Community College Trades/Technology Instructors Award

a) Three \$400 awards for 1997 graduates of Caledonia Senior Secondary School in Terrace. A minimum of one of these awards is for a female student. Selection for these awards will be made by the high school.

b) Two \$400 awards for 1997 graduates of Mount Elizabeth Secondary School in Kitimat. A minimum of one of these awards is for a female student. Selection for these awards will be made by the high school.

c) One \$400 award for a 1997 graduate of Hazelton Secondary School. Selection for this award will be made by the high school.

d) One \$300 award for a student in the Career and College Prep program of Northwest Community College. Selection for this award will be made by Northwest Community College CCP faculty.

To receive an award, recipients must enroll in one of the Trades programs at Northwest Community College in the Fall of 1997.

BURSARIES

The following bursaries are made available through the generous donations of businesses, community groups and individuals.

A list of available bursaries is posted at each College campus in December. The deadline for application is late January. Application forms are available from your campus Educational Advisor in December.

Alcan Bursary Fund

Alcan Smelters and Chemicals Ltd. has established an on-going bursary fund of \$500 per year. This fund is the result of a donation to the Northwest Community College Endowment Fund. Applicants for Alcan Bursaries must be enrolled in full-time credit programs and must have demonstrated financial need.

B.C. Hydro Bursary

A \$500 award for a University Credit student who has a balanced lifestyle and is knowledgeable and committed to the protection of the environment and the efficient and safe use of electricity.

B.C. Telephone Awards

\$1250 has been made available by the B.C. Telephone Company. The awards will be given as either bursaries or scholarships at the discretion of the Financial Awards Committee. Preference is given to second year students.

Campus Bursaries

Individual Northwest Community College centres provide bursary assistance from the revenue from vending machines and/or the invigilation of exams.

Credit Union Awards

1. Credit Union Foundation

A grant of \$500 is available to Northwest Community College technical, academic, or vocational student(s) who might otherwise have difficulty completing their studies by reason of financial hardship. Recipients must be Canadian Citizens.

2. Credit Union Pioneers' Memorial Bursary

Bursaries totalling \$300 annually are available to a student or students in trades training programs. The funds are to be awarded to students who might have difficulty completing their studies due to financial hardship. Recipients must be Canadian citizens.

3. Lucille Sutherland Bursary Trust

An annual award of \$200 is made available to mark Lucille Sutherland's many and enduring contributions to the Credit Union Foundation. This bursary is available to students in vocational or technical programs. Recipients must be Canadian citizens.

Golden Spruce Awards

Two annual awards of \$1,000 each are available for women who are taking steps to re-enter the work force by enrolling full-time in a program of study at the Terrace campus. First

preference will be given to women who have been out of school for at least three years, are single parents, and have minimum sponsorship from other sources.

Knox United Church Bursary Fund

Knox United Church in Terrace has, through a donation to the Endowment Fund, established this fund in celebration of the International Year of Youth, 1985. A \$300 award is available annually to students enrolled in the CCP program. First consideration is given to students enrolled at the Terrace campus.

Northwest Community College Bursary Fund

Designated earnings from the Northwest Community College Endowment provide bursaries for students who do not meet the requirements for other funds.

Prince Rupert Rotary Bursary Fund

The Rotary Club of Prince Rupert, through a donation to Northwest Community College Endowment Fund, has established an ongoing bursary fund of \$250 per year. The first priority for awarding this money will be to full-time credit students attending class at the Prince Rupert campus or to Prince Rupert students attending programs in Terrace. Students from other areas would be eligible if the award was not made in the first semester to a Prince Rupert student.

Prince Rupert Native Brotherhood

Up to \$500 is available for native students enrolled in Business Education or University Credit. Recipient(s) is to be from the Prince Rupert area.

Skeena Cellulose Bursary Fund

Two \$300 bursaries are available annually. One to be awarded to a student enrolled in full-time studies at the Terrace or Prince Rupert campus who is the son or daughter of a Skeena Cellulose employee. The second bursary is to be awarded to any full-time student from within the College region.

Vancouver Foundation

The Foundation provides mini-block grants on a rotational basis to B.C. community colleges. To determine if your institution will receive a mini-block grant for the current year, please check with an Educational Advisor.

Women's Equality Bursary

The Ministry of Women's Equality provides two \$250 bursaries for women students enrolled in women's studies or fields in which women have not traditionally sought post-secondary training.

EMERGENCY ASSISTANCE

Student Association Emergency Aid Fund

NWCC Student Association and the Ministry of Skills, Training and Labour have jointly established a fund to assist students who face emergency expenditures for such things as:

- a) travel expenses in the event of serious illness or death of an immediate family member,
- b) medical or dental costs,
- c) living expenses

Further information is available by contacting an Educational Advisor at one of our College centres.

Thunderbird Emergency Loan Fund

Established in part by a donation from the Northwest Community College Student Association, this fund can be used for small, short-term emergency loans.

To apply, please contact an Educational Advisor at one of our College centres.

AWARDS

ASE Integrated Program Award

A \$100 award for a graduating ASE student who plans to enter an integrated program at Northwest Community College. The recipient will be selected by the ASE faculty and staff on the basis of academic achievement and successful practicum experience.

B.C. Hydro Scholarship

- A \$1,000 scholarship is available for a student who:
- has completed first year in good academic standing in a program relevant to B.C. Hydro business and who is continuing on to second year;
 - has a balanced lifestyle, ie: fitness, community involvement, hobbies and interest;
 - is knowledgeable and committed to the protection of the environment and the efficient and safe use of electricity.

Selection will be grade based but should there be one or more applicants of equal caliber, preference will be given to a female or aboriginal student. The recipient will be chosen in

May of each year but, in order to redeem the award, will be required to provide proof of enrollment in a program relevant to B.C. Hydro business the following September. Enrollment can be at any recognized post-secondary institution.

To apply, you must write a letter to the Financial Awards Committee at NWCC indicating how you meet the criteria and outlining your plans for your second year of study. Application deadline is April 30.

Eric Buss Memorial Scholarship

The recipient of this \$200 award will have demonstrated academic and interpersonal skill excellence during the first year of the Natural Resources program and be continuing on in the Forest Technology option. Selection will be by student nomination followed by faculty consensus. Payment of the award will be made after classes commence in September.

Nomination deadline is April 30.

Governor General's Collegiate Bronze Medal

The Governor General's Bronze Medal is awarded each year to an outstanding student graduating from a two-year diploma program. Normally, this prestigious medal is awarded to the student who has attained the highest academic standing during two years of full-time study.

Lieutenant-Governor's Silver Medal

The Lieutenant-Governor's Silver Medal is awarded each year to a student in a vocational or career program of less than two years duration. The student selected will be one who has not only excelled in his or her studies, but has also contributed in a positive way to the life of the College or to the community.

C.F.E. Equipment Award

A \$500 award for the Natural Resources student who submits the best Co-operative Work Term II Report. The recipient will be chosen by the program faculty.

C.G.A. Academic Excellence Scholarship

A \$500 scholarship will be awarded to a student who has completed the first year of a two year diploma program in accounting. The main emphasis in awarding the scholarship will be on academic excellence in the student's first year of study. The scholarship will be applied to tuition fees on enrollment in the 2nd year of the program.

Application deadline is April 30.

C.G.A. Adult Secondary Completion Scholarship

The scholarship will be awarded in the form of a \$600 credit toward the first year of study in the C.G.A. program. Eligible

students will have received their B.C. Secondary School Equivalency Certificate, Adult Dogwood Diploma or Adult Basic Education Provincial Diploma during the previous year.

Application forms are available from our centre Educational Advisors offices and must be submitted by April 30.

C.G.A. Continuing Education Tuition Scholarship

The Certified General Accountants Association of B.C. offers an annual \$750 Continuing Education Tuition Scholarship to a graduate of the Business Management (Accounting) diploma program or to a graduate of a one-year Accounting Certificate at Northwest Community College. This scholarship will be applied to your first year's tuition in the C.G.A. program. To apply, you must make formal application to the Registrar in Terrace.

Application deadline is April 30.

Certified Management Accountants Society of B.C.

The Society provides an award of a \$500 credit towards CMA fees to the graduating full-time NWCC student attaining the highest mark in Accounting 252/253 in the graduating year. The recipient should be interested in continuing studies in accounting with the CMA program.

CN Scholarships for Women

Canadian National is making available one scholarship of \$500 to be awarded in the fall semester. The scholarship is for women in trades, technology or operations. Applications and information will be distributed to students in eligible programs in September.

Mathis Duerst Memorial Scholarship

A \$800 scholarship will be awarded to a student enrolled in the fifth term of the Forest Technology Option of the Natural Resources program. The recipient will be the student who has achieved the highest grade point average in terms one through four. The recipient will be selected at the end of the term four.

John Hiom Memorial Scholarship

A \$500 scholarship will be awarded to a student completing first year Sciences at the Prince Rupert campus. The recipient must be eligible to enroll in a full-time Science program at a post-secondary institution. Selection will be by faculty nomination.

This award has been established to provide a lasting memorial to John Hiom's commitment and dedication to quality Science education.

Institute of Chartered Accountants of B.C.

A \$300 bursary is offered in recognition of academic achievement to a student in the second year of a university transfer program who is working toward a degree in Accounting or Business Administration. In special circumstances, NWCC Business Administration students may also be eligible.

Application deadline is April 30.

Northern Institute for Resource Studies

The NIRS was founded to promote, encourage and advance the awareness, knowledge and appreciation of economic development in B.C., particularly in the northern area of the province. Through a donation to our Endowment Fund, the Institute provides two \$500 scholarships and four \$250 bursaries for students enrolled in Business Administration, University Transfer pre-Commerce and Sciences, Forest Technologist, and Tourism and Entrepreneurial related programs. As funds are provided to help students continue their education, recipients must re-enroll in the Fall semester to redeem the award. Enrollment can be with any recognized institution. Instructors will submit nominations to the Financial Awards Committee for final selection.

Nomination deadline is April 30.

Peter Weber Memorial Award

This scholarship was created to provide a continuing memorial to Peter's continual striving for opportunities for academic education in this region and academic excellence among the many students he taught. A \$500 award for the student who achieves the highest grade point average in full-time, first-year University Transfer Arts studies at NWCC. The recipient will have been enrolled in a minimum 60% course load during the year and will be required to re-enroll in the Fall semester to redeem the award.

Eligible students will be selected from the GPA list with final selection by the University Credit faculty.

AWARDS ADMINISTERED OUTSIDE OF NORTHWEST COMMUNITY COLLEGE

Northwest Community College lists these awards only for the information and convenience of both donors and applicants. The College can accept no responsibility for their continuance or any restrictions that may be deemed unfair to any particular group or person.

High School Scholarships and Bursaries

Students entering from high schools in the College region are eligible for a number of locally administered scholarships and bursaries.

For detailed information on those awards available from your school, see your high school counsellor.

Academic Workers' Union, CUPE Local 2406

These awards are on the basis of faculty recommendation to the Union Executive and are normally presented towards the end of the academic year.

1. Jeff Marvin Memorial Bursary

One \$450 bursary for Native students. This bursary was established to provide a continuing memorial to Jeff Marvin's dedication in providing post-secondary education to meet the needs of Indian people in Northwest British Columbia.

2. Rhena Gardiner Memorial Bursary

One \$450 bursary for an Early Childhood Education student. This bursary was established to provide a continuing memorial to Rhena Gardiner's dedication to the education of young children, especially to those with special needs.

A. A. Heaps Scholarship

Two \$3000 scholarships are open to all applicants undertaking full-time undergraduate or graduate studies and who have demonstrated maturity and a commitment to the social ideals which characterized the life of A.A. Heaps. Application deadline is mid-May.

For information on how to apply for this scholarship, contact an NWCC Educational Advisor, or the A.A. Heaps Scholarship Committee, Canadian Labour Congress, 2841 Riverside Drive, Ottawa, Ontario, K1V 8X7.

Association of Universities and Colleges of Canada (AUCC)

1. Imasco Scholarship for Disabled Students

Ten scholarships of \$2,000 each are available for disabled students who are Canadian citizens or have lived in Canada for at least two years as permanent residents. Applicants must be following a degree program under the college-university transfer system. *Deadline is June 1.*

2. Mattinson Endowment Fund Scholarship for Disabled Students

A number of scholarships of \$2,000 each are available for disabled students who are Canadian citizens or have lived in Canada for at least two years as permanent residents. Applicants must be following a degree program under the college-university transfer system. *Deadline is June 1.*

3. National Access Awareness Week Student Awards Program

A number of scholarships of \$3,500 each are available for disabled students who are Canadian citizens or have lived in Canada for at least two years as permanent residents. Applicants must be following a degree program under the college-university transfer system. *Deadline is March 15.*

Application forms are available from the International and Canadian Programs Division, Association of Universities and Colleges of Canada, 350 Albert Street, Suite 600, Ottawa, Ontario, K1R 1B1.

Automotive Industries Ass'n. of Canada

Scholarships of approximately \$400 will be awarded in each of four geographical regions: West, Ontario, Quebec and Atlantic. To be eligible, applicants must be enrolled in an Automotive program which also includes apprenticeship programs. Application deadline is late October.

Application forms are available from any NWCC Educational Advisor, or Automotive Industries Ass'n. of Canada, 1272 Wellington, Ottawa, Ontario, K1Y 3A7.

Bank of Montreal Student Line of Credit

Available to full-time students entering any year of post-secondary education at a recognized Canadian community college, university or technical school. Students can apply for up to \$5,000 per undergraduate year to a maximum of \$20,000. Interest only must be paid during the school year with full payments starting six months after graduation.

For more information call Info Service at 1-800-663-0241 or contact the Bank of Montreal branch nearest you.

Bank of Nova Scotia Student Loan

The Scotia Student Loan is generally available to full-time, part-time, graduate and professional students enrolled in a recognized degree or diploma program at least 2 years in duration. Full-time students can borrow up to \$5,200 per academic year and are required to make only monthly interest payments while in school and for six months after graduation.

Further information is available from your local Scotiabank branch or from 1-800-972-6842.

B. C. Government Employees' Union Student Scholarship

The BCGEU offers ten \$1000 scholarships each year to students who are BCGEU members or related to BCGEU members or relatives of deceased or retired members. Applicants must be registering in a full-time post-secondary program at a B.C. educational institution or a recipient may be attending studies in another province if the program is not available in B.C. A 1200 - 1750 word essay on a topic established by the Scholarship Committee is required. Application deadline is February 28th.

Further information is available from The Scholarship Committee, B.C. Government and Service Employees' Union, 4911 Canada Way, Burnaby, B.C., V5G 3W3.

B.C. Hydro Aboriginal Scholarship Program

A total of six \$1,000 scholarships are offered annually throughout the province to Aboriginal students who have completed their first year of studies. Recipient selection is based on academic standing as well as evidence of a balanced lifestyle, excellent communication skills and innovation. The level of interest in a B.C. Hydro career and financial need will also be considered. Application deadline is mid-January.

Application forms are available from NWCC Educational Advisors, local B.C. Hydro offices or B.C. Hydro Employment Services, 6900 Southpoint Drive, Burnaby, B.C., V3N 4X8.

B.C. Hydro L'Ecole Polytechnique Memorial Scholarship Program

In commemoration of the fourteen women murdered in Montreal, fourteen scholarships of \$1,000 are offered to women enrolling or enrolled in engineering and technology studies relevant to B.C. Hydro careers. Application deadline is mid January.

Application forms are available from NWCC Educational Advisors, local B.C. Hydro offices or B.C. Hydro Employment Services, 6900 Southpoint Drive, Burnaby, B.C., V3N 4X8.

British Columbia Paraplegic Foundation

1. International Year of Disabled Persons Bursaries

In recognition of the International Year of Disabled persons, these bursaries were created to financially assist students with disabilities and will be awarded on merit and the basis of financial need.

2. John MacNeal Scholarship

John MacNeal became a paraplegic in 1953 when he was injured in a logging accident. He owned and operated a lumber mill in Prince George, but when he decided to retire he sold the mill. A member of the Canadian Paraplegic Associa-

tion, he generously donated funds to establish an annual scholarship to be presented to disabled students in order to encourage them to continue their education. Scholarships are awarded to students in recognition of their academic endeavours and/or to financially assist them with their schooling.

3. Don Vaux Scholarship

This scholarship was established in memory of Don Vaux who worked for the B.C. Division of the Canadian Paraplegic Association as a Rehabilitation Counsellor. He helped, guided and assisted many disabled persons in their rehabilitation, which enabled them to return to the community and lead a meaningful life. The scholarship is to be awarded to a disabled person to further his/her vocational or academic training and is to be used specifically for tuition, tools, equipment or books.

4. Barbara E. Adams Scholarship

To assist mobility impaired students with a significant degree of disability. For those who with suitable education would have the potential to be financially independent and enjoy a meaningful life and/or who are promising students pursuing an academic or vocational education. Scholarship monies may be used towards tuition, books and supplies, necessary help for study purposes, or transportation costs.

5. I.O.D.E. Bursary For Physically Disabled Persons

This bursary was established after Rick Hansen's World Tour to honour his achievements. The bursary will be awarded to one or more students at the post-secondary level. Winners shall be Canadian citizens in financial need. Monies are to be used to assist with expenses for tuition, text books, transportation or teaching assistance.

6. Douglas John Wilson Scholarship

This scholarship is in memory of Doug Wilson who was employed by the Association for sixteen years. The scholarship will be awarded to an individual beginning or continuing studies in rehabilitation counselling.

To be eligible for the above awards, the disabled student must be a resident of B.C., Canadian Citizen or Landed Immigrant. Application deadline is August 15. Value of the awards are adjusted annually according to the availability of funds.

Application forms can be obtained by contacting the Scholarship and Bursary Awards Committee, B.C. Paraplegic Foundation, 780 S.W. Marine Drive, Vancouver, B.C. V6P 5Y7.

British Columbia Youth Foundation Loans

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

Further information is available from our NWCC Educational Advisors.

Cal Callahan Memorial Bursary

Bursaries totalling \$5,000 will be awarded by the Pipeline Contractors' Association of Canada to a son, daughter or legal ward of persons who derive their principle income from pipeline construction. The applicant must be enrolled in full-time studies at a recognized Canadian university or college. Deadline is September 30th.

Applications may be obtained from the Executive Office, Pipeline Contractors' Association, 775 St. Andrews, West Vancouver, B.C.

Canadian Forces Personnel Assistance Fund

Offers an Education Assistance Loan Program to assist serving and former members and their dependents with costs of post-secondary education.

To be eligible for a low interest loan of \$1,200, \$1,500 or \$2,000 or \$2,500 the member must have served in the Canadian Army after October 1, 1946, or in the Canadian Forces after January 31, 1968 and have a minimum of 5 years Regular Force military service. The application must be submitted by the service member on behalf of the student. Submission deadline is June 30th.

Application forms are available from Canadian Forces Base Financial Counsellors, District Offices of Veterans Affairs Canada, and the Provincial Command Offices of the Royal Canadian Legion or from CFPAP, 245 Cooper Street, Ottawa, Ontario, K2P 0G2.

Canadian National Institute for the Blind

For students in this region, the following awards are available through the CNIB:

1. William and Dorothy Farrell Scholarship - Varies

To assist visually impaired individuals who are pursuing studies. Application deadline is April 15 of even numbered years.

2. June Gilmore English Memorial Fund - \$400

To assist blind and visually impaired students attending a post secondary program. Application deadline - April 30.

3. Imasco Scholarship Fund for Disabled Students - \$2,000

To encourage young Canadian students to pursue university studies with the ultimate objective of obtaining a university degree. Application deadline - June 1.

4. James L. Wood Scholarship - \$500

To further train or educate visually impaired students at post-secondary levels. Application deadline - June 30.

5. Robinson and Buckland Memorial Bursary (Reader Grant) - \$200

To provide financial assistance to legally blind full-time post-secondary students. Application deadline - August 15.

6. John and Dorris Corrigan Fund - Varies

Funding for items not covered by other funding sources. Applicants must be visually impaired and under 30 years of age. No deadline.

7. Martha Guest Memorial Bursary - \$500

To financially assist visually impaired students continuing their education. Deadline - October 30.

8. Lorne Hassan Memorial Fund - \$1,000

To offer assistance to visually impaired students who wish to further their education. Deadline - July 30.

9. Carl G. Frink Scholarship - \$1,000

To provide post-secondary assistance to persons with visual impairments who are not funded by government programs.

10. Rixon Rafter and Judge Brian Stevenson Scholarships - \$300 - \$500

To assist legally blind Canadians pursuing post-secondary studies. Deadline - September 15.

11. FJL Woodcock - \$200 - \$400

To assist visually impaired students who are graduating from high school and who wish to continue with their education. Deadline - March 15.

Thomas Dawson Estate - Male Nurses Fund

Under the terms of the Estate of the late Dr. Thomas Dawson, a male student enrolled in a School of Nursing may receive financial assistance of up to \$300.

Application forms are available from any NWCC Educational Advisor, or from The Thomas Dawson Estate - Male Nurses Fund, c/o The Canada Trust Company, 1125 Douglas Street, Victoria, B.C. V8W 2C9.

DATATEL Awards

DATATEL provides scholarships ranging from \$700-\$2,000 for up to two students at a Datatel client site such as Northwest Community College. Part-time applicants must be enrolled a minimum of 6 hours per week. Award payments are made to the institution of study to be placed on the student's account for the following academic year. Application deadline is February 28.

For information on how to apply, contact any NWCC Educational Advisor, or, DATATEL Scholars Foundation, 4375 Fair Lakes Court, Fairfax, Virginia, 22033.

First Citizen's Fund

Incentive bursaries are available to status, non-status and Metis persons of North American aboriginal ancestry, who are ordinarily resident in British Columbia, and are attending post-secondary provincial institutions on a full-time basis. Non-funded aboriginal students may qualify for a bursary of up to \$2,000 per academic year. Funded students may be eligible for a bursary up to a maximum of \$700 per academic year.

- Be enrolled in a minimum two-year college or university program;
- Be recommended by a Band Council or bona fide Native organizations;
- Submit a self written letter on family background, tribal ancestry and work history.

Applications are available from the Financial Aid Office or from The Ministry of Aboriginal Affairs, 301-908 Pandora Avenue, Victoria, B.C. V8V 1X4.

First Nations Health Careers Bursary

Offers a limited number of bursaries with a maximum of \$2,500 to First Nations students undertaking studies leading to accreditation in a health related career. Application deadline is September 30.

Information on this award is available from any NWCC Educational Advisor, or, Post-Secondary Student Assistance Program Co-ordinator, Native Education Centre, 285 East 5th Avenue, Vancouver, B.C. V5T 1H2.

Terry Fox Humanitarian Award Program

Successful candidates can receive \$4,000 annually, to a maximum of four years or until a first degree is obtained. Applicants must not exceed 25 years of age. The committee will consider the extent to which candidates demonstrate the highest ideals and qualities of citizenship and academic excellence in the face of obstacles. Deadline is February 1st.

Application forms are available from any NWCC Educational Advisor, or from Terry Fox Humanitarian Award Program, Simon Fraser University, Burnaby, B.C., V5A 1S6.

Foundation for Education & Advancement in Technology (FEAT)

Offers 22 bursaries to eligible full-time students registered in technology programs accredited by the Applied Science Technologists & Technicians of British Columbia (ASTTBC). NWCC's Natural Resources - Forest Technology option is eligible. FEAT currently offers:

- 2 @ \$500.00 to the most deserving applicants
- 10 @ \$250.00 to students in 2nd/final year
- 10 @ \$150.00 to students in 1st year

Applications are assessed on academics, application neatness, financial need, community service, career goals, ASTTBC member.

Application deadline is January 31. Applications are available from Foundation for Education & Advancement in Technology, 10767 - 148th Street, Surrey, B.C., V3R 0S4.

Imperial Oil Ltd. Higher Education Awards

Provides full tuition and compulsory fees for sons and daughters of employees, annuitants of deceased employees.

Applications forms are available from Administrative Management Services, Awards Division, P.O. Box 414, Pickering, Ontario, L1V 2R6.

Independent Order of Foresters

A series of bursaries, to a maximum of \$500 each, are offered to members in good standing for not less than two years, or the dependants thereof, of the Independent Order of Foresters. Applicants must reside in the jurisdiction of the High Court of British Columbia and Alaska (Province of British Columbia; State of Alaska). Application deadline is August 31.

Application forms are available from: Mr. G. A. Francey, High Secretary, High Court of British Columbia and Alaska, 1902 London Street, New Westminster, B.C., V3M 3E5.

Interior Logging Association

1. \$1,000 Forestry Scholarship

Open to any graduating student in the Interior Logging Association operating area enrolling in full-time studies in a forestry related discipline.

2. \$1,000 Member Scholarship

Open to students who are immediate relatives of Interior Logging Association members or employees of member companies.

3. \$1,000 Associates Scholarship

This scholarship is awarded to the Interior Logging Association affiliated applicant with the highest academic standing in a Business Administration discipline.

4. \$1,000 Trades Scholarship

Open to students of an Interior Logging Association member enrolling full-time in a trades program such as Heavy Duty Mechanics, Professional Truck Driving, Heavy Duty Machine Operators, Welding or similar program that leads to employment in the logging industry.

For more information contact Interior Logging Ass'n., 202 - 635 Victoria Street, Kamloops, B.C. V2C 2B3.

International Sailors' Society Canada Patrick F. Graham Bursary

The Society wishes to maintain its interest and concern in the training of men and women for the sea, and to this end provides a \$250 bursary to assist students with expenses related to maritime studies.

Application deadline is March 15. Application forms are available from any NWCC Educational Advisor, or from the International Sailors' Society Canada, 1412 - 675 West Hastings Street, Vancouver, B.C. V6B 1N2.

Kaien Consumers Credit Union

Provides a \$750 bursary to a student who has been an active member in good standing of the Kaien Consumers Credit Union for at least 6 months prior to the date of application.

Additional information is available from any NWCC Educational Advisor.

Kermode Friendship Society

These bursaries are intended to assist students who are continuing their education at university, college, vocational, technical or other post-secondary institutions.

To be eligible, a student must:

- a) provide proof of registration,
- b) provide a transcript showing at least one successful semester (except for first-time students).

Students can re-apply for assistance in following years. Bursary amounts vary between \$100 and \$1,000. Deadlines are October 30 and mid February depending on funds available.

For more information contact any NWCC Educational Advisor, or from the Society at 3313 Kalum Street, Terrace, B.C. V8G 2N7.

Magna For Canada Scholarship Fund

Provides a \$5,000 award to each of ten regional winners from across the country, one of whom is selected as the national winner who receives an additional \$5,000. Upon graduation, the National Winner will be offered a paid one year internship with the CEO of Magna International Ltd., and the regional winners will be offered paid summer internships within the company. Deadline is May 15.

Applicants must submit a proposal responding to the question "If you were the Prime Minister of Canada, what would you do to improve living standards and unite the country?"

Application information is available from any NWCC Educational Advisor or from Magna for Canada Scholarship Fund, 36 Apple Creek Boulevard, Markham, Ontario, L3R 4T4

MENSA Canada Scholarships

\$1,000 in awards for students enrolled in a full-time degree or diploma program. Essay required. Deadline is February 28th.

Application forms are available from Scholarship Co-ordinator, Mensa Canada, Box 1025, Station O, Toronto, Ontario, M4A 2V4.

Mills Memorial Hospital Award

The Auxiliary makes three awards yearly to local residents who are entering or continuing training in a medical vocation and who are planning to practice their profession in the local area.

- one award will be made to a student graduating from a local high school.
- one award to a student who has previously attended a local high school, and has successfully completed one full year of training in the health field.
- one award to a local resident, currently employed in the health field and planning to continue their education in the health field full time for at least one year.

Further information and application forms are available from any NWCC Educational Advisor or from the Secretary of Awards Committee, Mills Memorial Hospital Auxiliary, Box 506, Terrace, B.C., V8G 4B5.

Bill and Elsie More Memorial Award

In memory of loving parents Bill and Elsie More, several bursaries (to a total of approximately \$1000 per year) have been made available through the Bill and Elsie More Indian Bursary Fund of the Vancouver Foundation to assist native students in B.C. for post-secondary education. Preference will be given to applicants in the helping professions such as: education, social sciences, nursing/medicine, law and theology. The award is open to status and non-status Indian students in any post-secondary institute. Students should submit a letter of self-description, expressing their sincerity and interest in accomplishing their educational goal plus demonstrated financial need.

Applications can be submitted any time and should be sent to: Dr. Arthur J. More, UBC Faculty of Education, 2125 Main Mall, Vancouver, B.C., V6T 1Z5.

Frank Morris/Royal Canadian Legion Branch #13

This bursary was established from the estate of Frank Morris, an early and long-time resident of Terrace. Bursaries of varying amounts are awarded each year to students pursuing post-secondary study. The criteria used are scholastic ability, character, and a relative of someone who has been a resident of Terrace when enlisting in the Armed forces, or who has resided in Terrace for five years after honourable termination from the Service. The applicant must have been a Terrace resident for the immediate past two years. *Deadline is June 15 of each year.*

Applications should be returned to Branch #13, Royal Canadian Legion, 4425 Legion Ave., Terrace, B.C., V8G 1N7, Attn: M. Burdett.

Mungo Martin Memorial Awards Society

Candidates for awards must be of Indian racial background and must live in B.C. at the time of application. These awards are open to those who wish to further their general education skills and, in particular, to those who seek to do creative work to further the artistic heritage of the Indian peoples. Awards are normally expected to be from \$100 - \$500 at the discretion of the directors.

Applications are available from the Society, c/o Lucy Galloway, P.O. Box 883, Qualicum Beach, B.C. V0R 2T0.

National Access Awareness Week (NAAW) Student Awards Program

The Association of Universities and Colleges of Canada (AUCC) has established an award to encourage students with disabilities to pursue a university or college education which will ultimately prepare them to become active members of Canada's labour force. Each full-time scholarship is valued at \$3,500; part-time scholarships will be based on percentage of full-time course load.

Completed applications and required supporting documentation must be postmarked no later than March 15th. Further information and application forms are available from any NWCC Educational Advisor, or the Canada Awards Program, AUCC, 350 Albert Street, Suite 600, Ottawa, Ontario, K1R 1B1.

Pacific Association for Continuing Education (PACE)

The PACE fund has been established to assist part-time or short-term adult students, demonstrating financial need, to achieve continuing education goals. Amounts awarded shall vary between \$100 and \$700 for any one course of study. Bursaries are awarded in December. Proof of registration and pre-payment of fees must be submitted with the application form. Application deadline is September 30th.

Further information and application forms are available from any NWCC Educational Advisor.

Pacific Coast Fishermen's Mutual Marine Insurance Company

1. Bursaries of \$600 each are available to sons, daughters or legal wards of past or present members of the Company.

2. Harold Arvid Christenson Memorial Scholarship Fund

Number and amount of these scholarships will be determined by the Board of Directors of the Company. Available to sons, daughters or legal wards of past or present members and employees.

Deadline for application is September 1. Application forms are available at Suite 200 - 4529 Canada Way, Burnaby, B.C. V5G 1H1.

Prince Rupert Regional Hospital Awards

Scholastic standing will be of prime importance in awarding the following scholarships.

1. **Dr. R.G. Large Scholarship** of \$750 is available to a graduating student or former graduate of Charles Hays Secondary School who is enrolled in a registered nursing program at either a community college or university.

2. **Dr. L.M. Greene Scholarship** of \$750 is available to a graduating student or former graduate of Prince Rupert Senior Secondary School student who is enrolled in a program in the health care field at either a community college or university.

Please contact either high school for application information.

Public Trustee Educational Assistance Fund

Bursaries up to \$3,000 each are available to students who were former permanent wards of the Superintendent of Family and Child Service of B.C. Deadline is April 1st.

Application forms are available from the Office of the Public Trustee, Suite 600 - 808 West Hastings, Vancouver, B.C. V6C 3L3.

Registered Nurses Foundation of B.C.

The RN Foundation of B.C. has a number of bursaries available to students who are accepted into or enrolled in:

- a basic program leading to nurse registration
- baccalaureate, or graduate degree programs
- clinical speciality programs
- refresher programs

Applications must be received by September 30.

For information or to apply, contact the Registered Nurses Foundation of B.C., 2855 Arbutus Street, Vancouver, B.C. V6J 3Y8.

Bernard G. Robinson Scholarship Fund

A \$500 scholarship is available to students who are staff or family members of staff employed by the Provincial or Federal Criminal Justice Agencies; persons or family members employed by agencies active in the Criminal Justice field; persons who have demonstrated a commitment to the Criminal Justice field through voluntary activities or an offender pursuing post-secondary education. Deadline is July 31.

Applications are available from Selection Committee, B.G. Robinson Scholarship Fund, 4545 Montford Crescent, Victoria, B.C. V8N 3W6.

Hal Rogers Endowment Fund

Established by Kinsmen & Kinette Clubs of Canada as a legacy to founder Harold Allin Rogers. The fund is to promote, encourage and sponsor educational programs and activities. To be eligible an applicant must be a Canadian citizen or landed immigrant, plan to register full-time at a recognized University, College or Technical Institute, demonstrate high ideals and qualities of citizenship, and have the application endorsed by a Kinsmen, Kinette or Kin Club.

Application deadline is March 1.

Applications are available from Educational Advisors at any Northwest Community College campus.

Royal Canadian Legion (Pacific Command)

The Royal Canadian Legion (Pacific Command) offers annually awards ranging from \$900 to \$1500 for students wishing to enter an institution of higher learning. Some awards will also be available to those entering second, third or fourth year university. Although others are considered, preference is given to descendant children and grandchildren of deceased, disabled or other veterans. Deadline is May 31.

For application forms and further information contact any NWCC Educational Advisor or your local Legion. Completed applications are to be returned to: Pacific Command, The Royal Canadian Legion, 3026 Arbutus Street, Vancouver, B.C., V6J 4P7.

St. Leonards' Society of Canada

Two bursaries of \$500 each are available to ex-offenders who plan to take post-secondary training or job or trades training. The bursaries are in the name of Neil Libby who was the founder of the St. Leonards' Society.

For further information, contact the Executive Director, St. Leonards' North Shore, 312 Bewick Avenue, North Vancouver, B.C., V7M 3B7, or phone 980-0830.

Society of Vocational Instructors of B.C./Yukon

On an annual basis, the Society will award one \$100 bursary to a full-time student in a vocational program at each institute which is an institutional member of the society. Recipients will be selected on demonstrated financial need and performance in a vocational program.

Application forms are available from Del Torgelson at Northwest Community College, Terrace Centre.

Sons of Norway Foundation in Canada

Three scholarships of \$600 each and three bursaries of \$400 each are offered by Sons of Norway Foundation in Canada to students who have shown interest in Norwegian culture, history or language. They are open to students who show evidence of sound academic performance and financial need. The awards are tenable at any recognized College, Vocational Institute or University in Canada and can be for any study year. Deadline is July 30.

Apply to: Sons of Norway Foundation in Canada, 1020 Glenayre Drive, Port Moody B.C., V3H 1J6.

Weyerhaeuser Canada

Awards are available to aboriginals, women, visible minorities or persons with disabilities enrolled in a university degree or college diploma program which is relevant to a career represented by Weyerhaeuser Canada. Two \$2,000

awards may be granted for university students and two \$1,000 awards may be granted for college students.

Applications will be accepted between April 1 and June 30. Application forms are available from the Diversity Education Awards Program, Weyerhaeuser Canada Ltd., P.O. Box 800, Kamloops, B.C., V2C 5M7.

Katharine Whiteside Taylor Bursary

In recognition of Katharine's lifelong commitment to co-ops, Parent Cooperative Preschools International offers an annual \$500 bursary to a student who has completed at least half of the Early Childhood Education program at an accredited Canadian College. Applicants will be required to submit a transcript of current grades and write a paper dealing with the philosophy of parent participation.

Application deadline is March 1. Application forms are available from NWCC Educational Advisors or from PCPI, c/o 121 Nelson Street, Alliston, Ontario, L9R 1H4.

AWARDS ADMINISTERED BY UBC AND TENABLE AT NORTHWEST COMMUNITY COLLEGE

The University of B.C. administers a number of awards which are tenable at other institutions in B.C. Students should consult the most recent edition of the UBC calendar for details of the awards. Application forms can be obtained from the College or UBC and must be submitted by May 15th.

- 04707.00 DAIRY Industry Credit Union Scholarship
- 04786.00 The William L. HURFORD Memorial Scholarship
- 04718.00 ILWU Harry Bridges Entrance Scholarship
- 04804.00 ILWU Local 517 Bud Smith Scholarships
- 00558.01 ILWU Thomas P. Mayes Scholarship
- 00530.00 ILWU Harry Bridges Undergraduate Scholarships
- 00666.00 ILWU Ralph Scruton Memorial Scholarship
- 04731.00 PIPING Industry Journeyman Training and Industry Promotion Fund Scholarship
- 04779.01 RETAIL Wholesale Union Local 517 Scholarship
- 07672.01 RETAIL Wholesale Union, Local 580 Bursary
- 07939.00 RETAIL Wholesale Union, Local 580 Stan Colbert Bursary
- 04803.00 TELECOMMUNICATIONS Workers Union - J. Douglas Booth Memorial Scholarship
- 04795.00 TELECOMMUNICATIONS Workers Union Scholarships
- 04793.01 TELECOMMUNICATIONS Workers Union, Thomas Ward Stanley Memorial Scholarship
- 00547.01 UNITED Food and Commercial Workers Union, Local 1518 Scholarships
- 04780.00 VANCOUVER Sun/The Province College Entrance Scholarship

STUDENTS TRANSFERRING TO UNIVERSITY AND BCIT

Three of the B.C. universities, BCIT and Lakehead University in Ontario and the University of Alberta offer entrance scholarships directed at those students transferring from a Community College. Students entering specific faculties may be eligible for additional awards. These and other entrance awards may also be available to students entering university directly from high school. Consult individual calendars for more information.

BCIT ALUMNI ENTRANCE AWARD

The Alumni provides entrance awards for students who are coming to BCIT after taking one or more years since high school for activities such as work or attending another post-secondary institution. Awards equivalent to one year's tuition will be available for students entering either Trades or Technologies. *Deadline for Technologies is July 31; deadline for Trades is September 30.*

Applications and information can be obtained from the BCIT Alumni Affairs office, BCIT, 3700 Willingdon Avenue, Burnaby, B.C. V5G 3H2.

LAKEHEAD UNIVERSITY TRANSFER AWARDS

Awards valued up to \$1000 each are available to community college and university diploma program graduates entering related degree programs. Selection of successful candidates will be based on a minimum of first class academic standing. *Deadline date is June 30.*

Application forms are available from the Lakehead University Financial Aid Office, Lakehead University, 955 Oliver Road, Thunder Bay, Ontario, P7B 5E1.

UNIVERSITY OF ALBERTA

The University of Alberta offers the following *Scholastic Distinction Scholarships* to students entering or transferring to the university to complete their first undergraduate degree. Applicants must have an average of 95% or better. All are distributed over four years of study. *Deadline is April 1.*

1. *President's Citations*

Seven awards valued at \$25,000 each.

2. *Chancellor's Citations*

Fifteen awards valued at \$15,000 each.

3. *Dean's Citations*

A number of \$10,000 awards are available to students in specific faculties.

The following *Leadership Awards* are available to students transferring from a post-secondary institution to the university; having exceptional leadership qualities. *Deadline is March 15.*

1. *Max Wyman Memorial Transfer Scholarships*

Two awards valued at \$5,000 each. Applicants must have first class standing (at least 80%).

2. *Hu Harries Memorial Awards*

Two awards valued at \$2,500 each for a student who is or has been an employee or volunteer of the YMCA (or similar institution).

Applications are available from any NWCC Educational Advisor.

UNIVERSITY OF BRITISH COLUMBIA

Chancellor's Entrance Scholarship

The University of British Columbia offers up to five awards of \$3,500 each to outstanding students entering undergraduate programs from a College or university. The awards are based primarily on scholarly achievement. The award may be renewed for a further two years or until the first undergraduate degree is completed (whichever is the shorter period). Application deadline is mid-May.

Charles A. and Jane C.A. Banks Foundation Entrance Scholarships (from Regional Colleges or Universities)

Four \$2,500 scholarships are offered to outstanding students entering the Faculties of Science, Applied Science (Engineering), Forestry, Pharmaceutical Sciences or Agricultural Science, from a college or university other than UBC. The awards are based primarily on scholarly achievement and may be renewed at a minimum of \$2,500 for a further three years of study or until the first undergraduate degree is obtained (whichever is the shorter period). *Deadline is mid-May.*

Norman A.M. MacKenzie Regional College Scholarships

In honour of Dr. Norman MacKenzie, President of UBC from 1944-1962, six scholarships of \$1250 each are offered to students proceeding from one of B.C.'s regional or Community Colleges to UBC. Winners will be selected primarily

on the basis of high scholastic achievement, but personal qualities and activities will be considered. Applicants must be Canadian citizens or permanent residents. *Deadline is mid May.*

To apply for these awards you must submit:

- a completed application form;
- 2 letters of reference;
- an official college/university transcript for the most recent period of full-time study;
- an official senior secondary school transcript;
- a statement no longer than 200 words detailing general interests and activities, proposed course of study and future career plans.

Applications are available from any NWCC Educational Advisor.

John B. Macdonald Alumni Bursaries

A number of bursaries totaling \$12,500 are awarded in honour of John B. Macdonald, President of UBC from 1962 to 1967, to students entering the University in the fall from BCIT or a regional college in B.C. Selection of the winners will be based on academic ability and financial need.

Students wishing to apply should do so on the General Bursary Application, available from the UBC Awards Office in early September, with an October 1 deadline date.

SIMON FRASER UNIVERSITY

B.C. College Transfer Entrance Scholarships

1. *The Honourable William M. Hamilton College Transfer Scholarships*

The \$10,000 award is to recognize high academic achievement and leadership potential and is distributed over four semesters.

2. *The Ken Caple College Transfer Scholarships*

This \$3,000 award is to recognize outstanding academic performance and is distributed over 2 semesters.

3. *Dean's Scholarships*

Scholarships valued at \$7,000 are awarded within each of the faculties of Applied Sciences, Arts, Business Administration, Education and Science to recognize academic achievement and potential in a particular area of study. Awards are distributed over four semesters.

To apply for the above three awards you must submit:

- a completed application form;
- official transcript
- 2 letters of reference from college faculty members;
- a 1 page resume;
- a 1,000 word essay described on the application form.

Winners of these SFU scholarships will also receive a one-time \$500 travel allowance if they live outside school districts #34-45. Application deadline is April 15 for admission for Summer and Fall semesters and September 30 for the Spring semester. Applications are available from any NWCC Educational Advisor, or from Student Recruitment Awards, Office of the Registrar, SFU, Burnaby, B.C. V5A 1S6.

UNIVERSITY OF VICTORIA

President's Regional Entrance Scholarships

Four scholarships of \$2,000 are awarded annually within each college region in B.C. to students with high academic standing and broad interests who are entering the University of Victoria directly from B.C. secondary schools or regional colleges. Normally one of the four scholarships in a region is reserved for a college student. The assessment of the academic standing of the secondary school students will be based on both secondary school course and Provincial Scholarship Examination results. The assessment of regional college students will be based on college course results.

A student may become a candidate for a scholarship either by applying in writing directly to the University of Victoria Senate Committee on Awards or by nomination solicited annually by the University from the principals of the secondary schools and community colleges in B.C. Recipients will be chosen by the Senate Committee on Awards. Normally the names of award winners will be announced by May 31; final confirmation of the secondary school recipients will take place after the release of the Provincial Scholarship examination results in the summer.

The John Locke Malkin Entrance Scholarships

Up to six scholarships to a maximum of \$22,500 each (disbursed over five years) are made annually to students of exceptional academic promise who are entering the University of Victoria from secondary school and/or college. Candidates must have a very strong academic record in their last two years of study.

A student may become a candidate for the scholarship either by applying in writing directly to the University of Victoria Senate Committee on Awards giving the name of his or her school together with the principal's name or by nomination solicited annually by the University from principal of

secondary schools and colleges. The completed set of application and nomination material must be received by the University no later than March 15th. Normally award winners will be announced by May 31. **

T.S. McPherson Scholarships

Two at \$22,500 (disbursed over five years)
Eight at \$15,000 (disbursed over five years)

These awards are for students of exceptional promise who are entering the University of Victoria from secondary school or college. Normally two awards are reserved for college students.

Candidates must have a very high academic record in their last two years at secondary school and/or community college. Secondary school candidates must have achieved outstanding scores on the B.C. Provincial Government Scholarships examinations. Approximately fifteen candidates will be selected by the University of Victoria Senate Committee on Awards for personal interviews during May and June on the basis of their results in academic courses and recommendations by the principals of their schools and colleges as to their academic excellence, breadth of interests and leadership qualities. The final selection will be made by the Senate Committee after all grades are available. A student may become a candidate for the scholarship either by applying in writing directly to the University of Victoria Senate Committee on Awards giving the name of his or her school together with the principal's name or by nomination solicited annually by the University from principals of secondary schools and colleges.

The completed set of application and nomination material must be received by the University no later than March 15. Normally award winners will be announced by May 31. Final confirmation of the secondary school recipients will take place after the release of the Provincial Scholarship Examination results in the summer. **

**** John Locke Malkin and T.S. MacPherson Scholarships**
If a student maintains a grade point average of 7.50 or better, the scholarship is automatically renewed (and could be increased with exceptional performance) for each year of the student's full time study (15 units) until completion of a first degree or for a maximum of five years, which ever is the shorter period. A student whose grade point average falls between 7.00 and 7.49 may file a written appeal with the Senate Committee on Awards to seek special consideration for the renewal of the scholarship. No renewal will be considered if a student's average falls below 7.00. In extenuating

circumstances, a student may, upon application to the Senate Committee on Awards, defer the acceptance of the initial scholarship or may defer the renewal of a scholarship for a maximum of one year.

David Brousson Entrance Scholarship; Ian and Gillian Stewart Entrance Scholarship; and, University of Victoria Entrance Scholarship

\$2,000 scholarships are awarded annually to students with high academic standing who are entering the University of Victoria directly from secondary school or college.

Application deadline is April 15.

PERSONNEL

COLLEGE SERVICES - (250) 635-6511

(located in Terrace)

Michael Hill, B.Sc. (UVic), M.A. (U. Manitoba) (on leave) President
Patrick Rife, B. Comm. (UBC), C.A. Bursar
Barbara Sheridan President's Assistant/Board Secretary
Carol Reynolds Administrative Assistant

FINANCE

Cynthia Preyser-Wreggitt Financial Analyst

Tito Avila Co-ordinator, Accounting Services
Elizabeth Gairdner Accounts Clerk
Charlotte Robinson Accounts Receivable
Joyce Wood Accounts Payable

Virginia Cooper Payroll Officer
Amanda Checkley Payroll Assistant

FACILITIES/MAINTENANCE

Peter Crompton Manager, Facilities/Maintenance
Les Hill Maintenance Engineer
Bill Mikaloff Chief Engineer
Brian Quinn Maintenance Engineer
Tom Yeager Groundskeeper

HUMAN RESOURCES/PERSONNEL

Sheila McDonald, B. Journalism (Carleton) Director, Human Resources
Linda McMurray Personnel Officer
Carol Reynolds Personnel Assistant

INFORMATION & COMMUNICATION SYSTEMS

Todd Taylor Co-ordinator
Nolan Beaudry, Electronics Diploma (NWCC) Electronics Technician
Paul Fleming Information Systems Technician

LIBRARY/LEARNING RESOURCE CENTRE

Central Region (located in Terrace)

Patti Barnes, B.A., MLS (U.Alberta) College Librarian/LRC Co-ordinator
Louise Chaput Library Assistant, Evening/Weekend Circulation
Sylvia Golke, B.Sc., MLS (U.Wisconsin) Library Technician,
..... Inter-library Loan/Reference
Penny Llewellyn Library Assistant, Circulation
Judy McCloskey, Lib. Tech. Dip. (UCFV) Library Technician, Cataloguing
Earla Peden Library Assistant, Acquisitions

LRC - Eastern Region (located in Smithers)

Liz Ball, B.Ed, MLS (U.Alberta) College Librarian, Technical Services

LRC - Western Region (located in Prince Rupert)

Lawrie McArthur, B.A. (UVic), MLS (UBC) College Librarian
Tim MacDonald, B.A. (Acadia), Lib. Tech. Dip (SAIT) Library Technician

PURCHASING

Donna Marken Purchasing Co-ordinator

EDUCATION & STUDENT SERVICES

Brian Loptson, B.Sc. (UBC) Director, Education & Student Services
Larisa Tarwick, M.A. (Pacific Oakes) Manager, Program Support
Rhonda Ross Administrative Assistant
Bev Kealty Registrar
Dianne Bell Sr. Student Records
Laura Biagioni Awards Administrator/Student Records
Mardy Scales Student Records
Sandra Bullock Co-operative Education Co-ordinator
Karen Chrysler, BSW (UVic) (located in Terrace) Supported Child Care Transition
..... Project Co-ordinator/Instructor
Eleanor Skelton (located in Prince Rupert) Child Care Access Program Co-ordinator
Elizabeth Snyder, B.Phys.Ed. (U.N.B.), B.S.W. (UVic) Services for Students
..... with Disabilities Co-ordinator

CENTRAL REGION - (250) 635-6511

(located in Terrace)

Denis J. Haughey, B.A., Dip.Ed. (Queen's, Belfast), M.Ed. (U.Alberta), Ph.D. (UVic)
..... Director, Central Region

TERRACE CENTRE - (250) 635-6511

Denis J. Haughey, B.A., Dip.Ed. (Queen's, Belfast), M.Ed. (U.Alberta), Ph.D. (UVic)
..... Centre Manager
Lynn Perrin Administrative Assistant
Lynne Nordstrom Switchboard

Access Services

Ella Goodlad Access Services Co-ordinator/Student Financial Aid
Lynn Bennett Admissions Officer
Mae Derrick, B.A. (Carleton) First Nations Co-ordinator
Ian Hamilton, B.A. (Trent), Prof. Teach. Cert. (SFU) Educational Advisor
Shelley Koopmans Registration Clerk
Nancy Ross, B.Sc. (Agr) (Guelph), Prof. Teach. Cert. (SFU) Career Education Specialist
Michael Tugwood Registration Clerk
Dina von Hahn, B.A. (UVic), Prof. Teach. Cert., PBD (SFU) Student Success Co-ordinator

Ancillary Services

Tony Reddy, Escoffier, Royal Hibernian, Dublin. C.C.C. Manager, Campus Services
Marilyn Bennett College Store Administrator
Dale Creek Security
Anna Dodd Food Steward, Cafeteria
Ed Hess Print Shop Operations/Mailroom

Mark Hoefling Cafeteria Services
 Bob Jesson Warehouse/Delivery
 Lil Kenny Cafeteria Supervisor
 Donna Marken Warehouse/Stockperson
 Rudy Motschilnig Security
 Mary McNeice Daycare Supervisor
 Margo Normandeau Residence Assistant
 Earla Peden Purchasing/Acquisitions
 Lillian Sampson Daycare Assistant
 Saroj Sharma Daycare Assistant
 Barbara Steinbrenner Daycare Assistant
 Bette Tossell Daycare Assistant
 Terry Walker Daycare Assistant
 Alan Weston Sr. Warehouseperson/WHMIS

Extension Services/Continuing Education

Peter Haigh, Inter Prov. "A" Welding Cert, PID (UBC), DAE (VCC) Co-ordinator
 Fred Adair, Assoc. Arts Degree (NWCC), PID (VCC), WCB & Red Cross
 Certified First Aid First Aid Instructor
 Bruce Fisher First Aid Instructor
 Brenda McCarron, PID (VCC) Program Officer
 Coleen Taylor Program Officer

Library/Learning Resource Centre

Patti Barnes, B.A., MLS (U.Alberta) College Librarian/LRC Co-ordinator
 Liz Ball, B.Ed, MLS (U.Alberta) College Librarian, Technical Services
 Louise Chaput Library Assistant, Evening/Weekend Circulation
 Sylvia Golke, B.Sc., MLS (U.Wisconsin) Librarian, Inter-library Loan/Reference
 Penny Llewellyn Library Assistant, Circulation
 Judy McCloskey, Lib. Tech. Dip. (UCFV) Library Technician, Cataloguing

Program Support Services

Leslie Campbell Industry/Trades/Health/ECE
 Eleanor Dacey UC/Bus/SSW
 Frieda Dams UC/Bus/SSW
 Sandy Soares CCP /FSW/Cook Training

FACULTY/INSTRUCTORS

Adult Special Education

Debbie Holkestad, BSW (Hon) UVic, Assoc. Arts Dip., PID (VCC) Co-ordinator
 Sharon Proctor, SSW Cert., PID (VCC) Instructional Support
 Barbara Vandermeer, SSW Cert. Instructional Support

Applied Computers Technology

Phil Bialobzyski, B.Sc.(Hon)(Alberta), M.Sc.(McMasters), B.G.S.(Athabasca) Co-ordinator
 David Cake, B.Sc., M.Sc. (UVic) Instructor
 Al Cool Instructor
 Alan Olekssewich, Level II AutoCAD Instructor

Business Administration/Office Administration

Grant Bennest, Bach. of Comm. (UBC) Co-ordinator/Instructor
 Phil Bialobzyski, B.Sc.(Hon)(Alberta), M.Sc.(McMasters), B.G.S.(Athabasca) ... Instructor
 John Campbell, B.Sc. (McGill), Ph.D. (Waterloo), MBA (UBC), CGA, Instructor
 Ann-Marie Merkel, Dip. Bus. Admin. (NWCC) Instructor
 Cindy Motschilnig Instructor Support
 Cathay Sousa, C.G.A. Instructor

Career & College Prep

Larry Bolingbroke, B.A. (UBC) Co-ordinator/Instructor
 Pat Carson, B.Sc. (SFU), Prof. Teach. Cert. Instructor
 Nirmal Parmar, B.Ed., M.A. (Punjab U.), Prof. Teach. Cert. Instructor
 Jack Perry, B.Ed. (U.Sask.) Instructor
 Nancy Ross, B.Sc. (Agr) (Guelph), Prof. Teach. Cert. (SFU). Instructor
 Ada Sarsiat, B.Ed. (UVic), Mad.Ed. (St.F.Xavier), Prof. Teach. Cert. Instructor
 Elaine Walker, B.A. (Concordia), PID (VCC) Instructor

Early Childhood Education

Rosemarie Goodwin, B.Ed. (U.Alberta), M.A. (Pacific Oaks) Co-ordinator/Instructor
 Nancy Hogue, B.Sc. (Notre Dame), M.A. (UVic) Instructor
 Joan Turecki, M.A. (Pacific Oaks) pending, Fine Arts Dip. (Van. School of Art),
 ECE Cert. Instructor

Industry/Trades

Jim Bathgate, Bach. of Voc./Tech Ed. (Regina), Inter Provincial H.D. Mech. &
 Ind. Mech. (Millwright) Co-ordinator/Instructor
 Dave Beatty Professional Driving Instructor
 Dick Coxford, Inter Provincial Carpentry Carpentry Instructor
 Nick Garcia, B.A. (Econ.), Diploma (Hon.) Cooking (NAIT), Cert. Baking & Pastry
 Arts (C.I.A., New York), Journeyman Cook, Journeyman Baker Culinary Instructor
 Ivar Hernes, T.Q. Carpentry Carpentry Instructor
 Emile Marchand, "A" Welding Certificate Welding Instructor
 Del Torgalson, Millwright Inter Prov., "A" Welding Certificate Millwright Instructor

Integrated Human Services

Cheryl Brown, B.Sc.N. (U.Manitoba) Instructor
 Jake Muller, B.A. (Guelph), M.A. (Dalhousie) SSW Option Co-ordinator/Instructor
 Doug Foster, B.A. (York), M.S.W. (UBC) SSW Option Instructor

Natural Resources

Trish Nuyten, Forest Tech. Dip. (CNC), Bus. Admin. Dip. (NWCC) Co-ordinator
 Phil Bialobzyski, B.Sc.(Hon) (Alberta), M.Sc.(McMasters), B.G.S.(Athabasca) ..Instructor
 Ken Downs, B.A. (Geog.) (Wisconsin) Instructor

University Credit

Peter Anderson, B.Sc. (Hon.), M.Sc. (SFU) (on leave) Math/Cmpt/Phys Instructor
 Leanne Boschman-Epp, B.A., M.A. (U. Sask.) Engl Instructor
 Alan Gilchrist, B.Sc. (Hon.) (U. St. Andres, UK), Ph.D. (U.Liverpool, UK),
 Geog/GIS Instructor
 Glenn Grieve, R.P. Bio., B.Sc. (SFU), M.A. (UCLA), Prof. Teach. Cert. (SFU)
 Biol Instructor
 John Hart, B.A., B.Ed. (U.Alberta), M.A. (U.Oregon), Ph.D. (U.Guelph)/Hist/Poli Instructor
 Don Hill, Dip.Bio.Tech. (BCIT) Science Lab Technician
 Norma Kerby, B.Sc. (Hon.) (UBC), Ph.D. (Carleton), R.P. Biol. Biol/Geog Instructor
 Andre Klingner, B.A., M.A. (Hollins College), R. Psych (B.C.) Psychology Instructor
 John Krisinger, B.Sc., M.Sc., Ph.D. (Bonn) Chem/Biol Instructor

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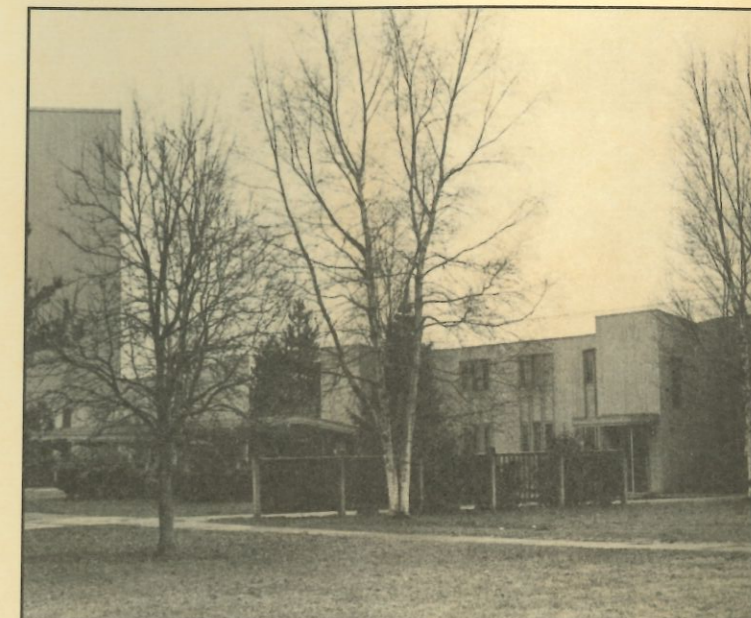
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