

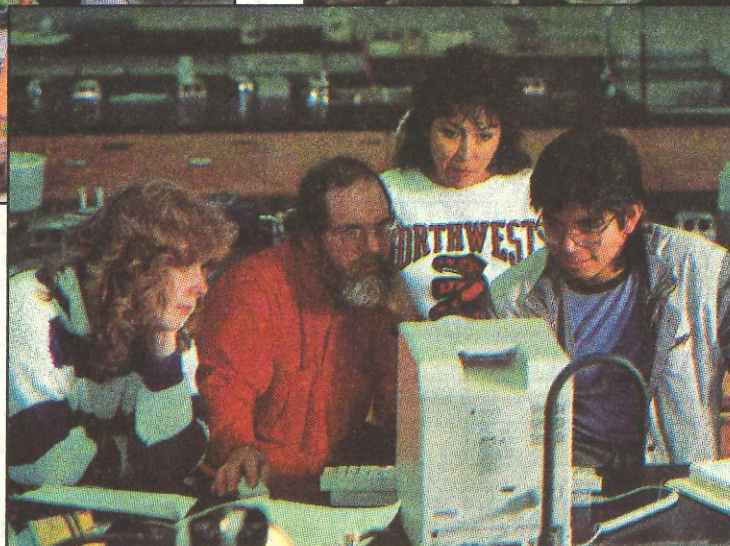
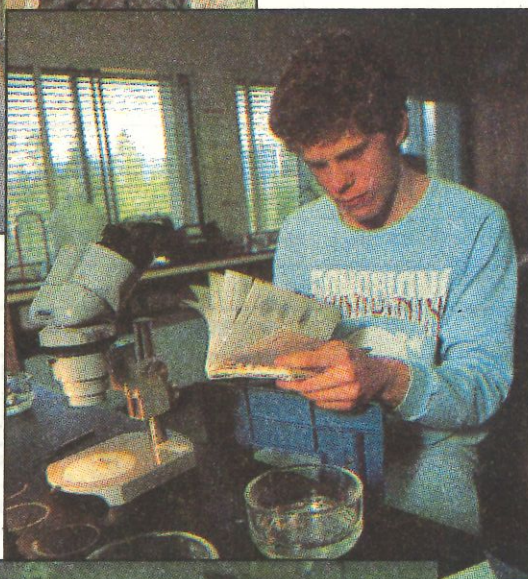
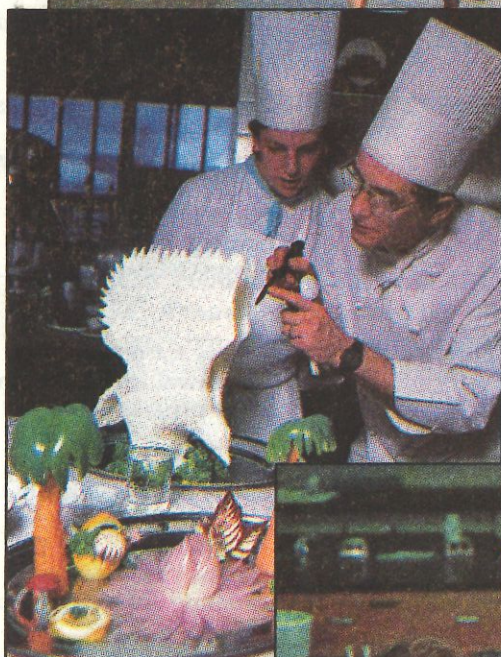


NORTHWEST COMMUNITY COLLEGE

Terrace

PROGRAM GUIDE

Fall 1989



Save for Future Reference!

FALL SEMESTER - CALENDAR OF EVENTS

AUGUST						
S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		
SEPTEMBER						
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3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
OCTOBER						
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30	31					
NOVEMBER						
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DECEMBER						
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31						
JANUARY 1990						
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7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

1989

- Aug. 31 - Sept. 1 **Advising & Registration for students not already registered for Academic & Career programs**
- Sept. 4 **Labour Day**
College Offices CLOSED.
(Residence Staff will be on duty to accommodate arriving students.)
- Sept. 5 **Registration**
Commencement of classes for Career and Trade programs beginning in September.
- Sept. 11 **Classes begin for Academic/U.T. program.**
- Sept. 15 **Last day for late registration for Career programs.**
- Sept. 22 **Last day for changing classes and late registration for Academic/U.T. programs.**
- Oct. 9 **Thanksgiving Day**
College Offices CLOSED.
- Nov. 3 **Last day for official withdrawal from Academic, Career programs.**
- Nov. 13 **Remembrance Day**
College Offices CLOSED.
- Dec. 18 **Last Day of classes for Academic Career programs.**
- Dec. 22 **Last day of classes for Trades, ABE, Bus. Education programs.**
- Dec. 25 & 26 **Christmas/Boxing Day**
College Offices CLOSED.
- Jan. 1, 1990 **New Years Day**
College Offices CLOSED.
- Jan. 2, 1990 **Registration & commencement of classes.**



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We hope you find a course or program you would like to take!

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Printers:	Close-Up Business Services Ltd., Terrace, B.C.

**PLAN YOUR FUTURE BY
PLANNING YOUR EDUCATION!**



Registration Information

Register at

NORTHWEST COMMUNITY COLLEGE
Student Services, 5331 McConnell Avenue, Terrace, B.C.

Registrations will be accepted for ALL courses listed on a FIRST COME BASIS.

PAYMENT for courses, textbooks or other materials may be made with CASH, CHEQUE, VISA OR MASTERCARD.

STUDENT SERVICE HOURS:

Monday to Thursday: 8:00 a.m. - 6:00 p.m.
(7:00 p.m. September & January)
Friday: 8:00 a.m. - 5:00 p.m.

REGISTER EARLY!

Early registration is recommended, as extremely popular programs/courses fill immediately. Many non-credit course class sizes are limited so again it is important to PRE-REGISTER with your PRE-PAYMENT.

DONT BE DISAPPOINTED! LACK OF MINIMUM ENROLLMENT ONE WEEK BEFORE A COURSE IS SCHEDULED TO START CAN RESULT IN CANCELLATION OF THAT COURSE.

TUITION FEES

The following is a general overview of the fees and charges for N.W.C.C. courses, effective September 1, 1989. Fees subject to change.

ACADEMIC & CAREER - All courses (University Transfer, Business Administration C.S.W., E.C.E., H.S.W. & Nursing)	\$27.50 per credit hour per semester. MAXIMUM \$417 per semester
TRADES & ABE - Full-time	\$20.00 per week payable on semester basis in advance.
- Part-time	Inquire at College
DEPOSITS (Refundable)	
Residence Deposit	\$ 50.00
Trades Book & Tool Deposit	\$ 50.00
Adult Basic Education & Business Careers Program Book Deposit	\$ 50.00
Acceptance Down Payment	\$100.00

Business & Industry, Health and other Contract Courses will have other fees than listed above and will be advertised individually.

Late Registration, Refund Policy and Tuition Fee Information

General Conditions:

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

Part-time Courses: (Includes all Part-time RES Courses and all Part-time Vocational Courses)

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

Academic: (University Transfer - Part and Full-time)

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

Vocational: (Full-time)

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

Tuition Reduction: (For Seniors & Disabled)

Senior Citizens (age 65 or over) and registered disabled persons are eligible for tuition-free enrolment in many Northwest Community College courses on a stand-by basis, provided that space is still available within 7 days of the commencement of the course. This exemption will not apply to Security or Tool Deposits or to any charges for materials, books and supplies that are levied against other students in the course. Further information on this exemption can be obtained from the Registrar's Office or the Regional Centre nearest you.

Sponsored Students:

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

Income Tax:

Tuition receipts totalling over \$100 are income tax deductible, (Please keep your receipt).

Holidays:

Classes are not normally held on Statutory Holidays.



Student Support Services

BOOKSTORE

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

BOOKSTORE HOURS

MONDAY - FRIDAY

9:00 a.m. - 10:30 a.m.
11:00 a.m. - 1:00 p.m.
2:15 p.m. - 3:15 p.m.

Should the Bookstore be closed during the times listed, contact the Switchboard (General Office) in the Administration Building for assistance.



CAREER RESOURCE AND COUNSELLING SERVICES

Mapping out your Future!

Talk to a Counsellor or Student Adviser, you'll be glad you did!

CAREER RESOURCE CENTRE HOURS

Monday to Friday 8:00 - 4:30 p.m.

Evening appointments can be arranged. Call 635-6511, Local 262 or 296.

Phone or drop in for an appointment.

Do you have questions about:

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

Students can come in for personal counselling or receive help in dealing with such student concerns as FINANCIAL AID, STUDY SKILLS, EXAM PREPARATION, or anything which may affect student life at the College.

The CAREER RESOURCE CENTRE has an up-to-date selection of College and University calendars from across Canada. There is also a wealth of information on all types of careers. Counselling can help when you are faced with decisions that affect your life as a student.

As part of its 'Open Door' policy, the College endeavours to make all of its programs available to persons who may have physical disabilities. Prospective students who are disabled are urged to contact the CAREER RESOURCE CENTRE of the College prior to enrolment. The various services, which assist them to participate in the mainstream of programs and activities include counselling, development of compensatory strategies or accommodations, arranging to obtain special equipment, readers, recorded or braille material, notetakers, interpreters for the deaf, campus orientations, and special parking permits.

FINANCIAL AID

Does the COST of EDUCATION put a STOP to your plans?

Financial Aid can be in many forms. Such as loans, scholarships and bursaries.



You may borrow money, interest free, through the Canada Student Loan or B.C. Loan programs.

The College provides over \$16,000 each year in non-repayable Bursaries.

The College has an Entrance Scholarship program which may pay up to full tuition for THIS year's Secondary School Graduates IN OUR REGION.

FINANCIAL AID HOURS
Monday to Friday 8:30 a.m. - 4:30 p.m.

Do not hesitate to apply. You won't receive help unless you do! Drop in or call 635-6511 for Financial Aid information.

LEARNING RESOURCE CENTRE

(Library/Media Services)

Located in the lower level of the Administration Building

THE L.R.C. OFFERS A WIDE RANGE OF SERVICES :

1. COLLECTIONS

- Books
- Magazines
- Newspapers
- Computer Software
- Videos
- Music Cassettes
- 16 mm Films
- Archives
- Oral Histories
- Local Newspapers on microfilm
- Maps
- Aerial Photos
- Gov't Documents
- Slides & Filmstrips

2. FACILITY

- Student study carrels and group study area
- Restful lounge area
- Audio and video playback equipment
- Convenience typewriter and photocopier
- Photography darkroom

3. SERVICES

- Library orientation and instruction sessions
- Audio visual workshop
- Reference and research assistance

L.R.C. HOURS - SEPTEMBER through MAY:

Monday - Thursday	8:00 a.m. - 9:00 p.m.
Friday	8:00 a.m. - 5:00 p.m.
SATURDAY	CLOSED
Sunday	1:00 p.m. - 9:00 p.m. (Closed for supper 5:00 - 6:30 p.m.)

(SUMMER HOURS are posted June through August)

The LRC is open to ALL residents of the College region. There is no charge for joining.



Academic Programs

(University Transfer)

Save money by taking first or second year university courses here!



General Program Information

The Academic Division offers a varied selection of first and second year university transfer courses in the humanities, social sciences and natural sciences. You can select a combination of required and elective courses to complete your first or second year of studies towards a college diploma or university degree.



Part Time and Evening Program

Northwest Community College welcomes part-time learners.

To work around their job or family commitments, many individuals register for only one or two courses. Other people choose to take a specific course that is of special interest to them or which might be of particular benefit in their employment. Call us, we would be pleased to help you select the courses that meet your special needs.

Admission

The College has an 'OPEN' admission policy. Mature students may be admitted without submission of their high school transcript. However, recent graduates are expected to submit their transcript.

REGISTRATION INFORMATION

Registration for ALL ACADEMIC COURSES will take place
September 5th - 8th, 1989

Register in person at the Terrace Campus

CLASSES START SEPTEMBER 11th, 1989

Last day for late registration and changing of classes is
Friday, September 22nd for ALL Academic students.

For fee schedule see Registration Section (Page 1).
Most courses consist of three credit hours.

For further information consult the College Calendar, or,
contact the Programs Department in Terrace 635-6511.

University Transfer Course Descriptions

HUMANITIES

English 101-3:

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)

Section I

Tuesday 9:00 a.m. - noon

J. Patterson

Section II

TBA

Section III

Thursday 1:00 - 4:00 p.m.

J. Patterson

Section IV

Tuesday 7:00 - 10:00 p.m.

I. Jordan

English 151-3:

English for Human Oriented Careers

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)

Monday 1:00 - 4:00 p.m.

G. Stanley

English 203-3

Canadian Literature to World War II

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

Tuesday 7:00 - 10:00 p.m.

G. Stanley

French 101-3: Introductory French I

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

Monday & Wednesday 4:00 - 6:00 p.m.

J. Patterson

LAB: French 101-3: Date & Time T.B.A.

French 107-3: 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. Lab work includes work in a Language Lab and one immersion weekend. (3,1.5,0)

PREREQUISITE: French 101/102, Grade 11, or permission of the instructor.

Monday & Wednesday 7:00 - 9:00 p.m.

J. Patterson

LAB: French 107-3: Date & Time T.B.A.

Philosophy 101-3:

Introduction to Philosophy

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

Monday 7:00 - 10:00 p.m.

Instructor: TBA

SOCIAL SCIENCE

Anthropology 101-3:

Introduction to Physical Anthropology

A general introduction to archaeology, human biological and cultural history. Students will examine the concepts of evolution, genetics, animal behavior and race in an attempt to understand what makes us human. A brief investigation of the principles and methods of archaeology will include a field trip to a local site. (3, 0, 0)

Section I

Wednesday 1:00 - 4:00 p.m.

S. Mark

Section II

Wednesday 7:00 - 10:00 p.m.

S. Mark

Anthropology 111-2:

Native People of Canada

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

Day & Time: TBA

R. Berthiaume

Anthropology 201-3:

Social Organization I

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

Monday 7:00 - 10:00 p.m.

S. Mark

Economics 202-3: Economics and Current Economic Issues (I) Principles of Macroeconomics : How the System Works

An analysis of economic theories, activities, institutions and policies in the world today. Topics will include: Production and market

mechanisms, economic growth, international commodity and capital flows, debts, government policies (budget, taxes, intervention). To be followed in the winter semester by Economics 201. (3,0,0)
NO PREREQUISITE: This course may be taken for university transfer credit or for interest.

Wednesday 1:00 - 4:00 p.m.

P. Weber

History 105-3:

Canada to the Late 19th Century

This course will trace major developments in Native, French- and English-Canadian society and will attempt to reconstruct basic life experiences and to analyse colonial power policies. Emphasis will be on the interrelation of economic, social and political factors in an attempt to make the more remote past meaningful to us today and to realize that Canada in the 1980's cannot be well understood without good insight into its history. (3, 0, 0)

NO PREREQUISITE: This course may be taken for university transfer credit or for interest. To be followed in the winter semester by History 106: Canada in the 20th Century.

Thursday 7:00 - 10:00 p.m.

P. Weber

Political Science 101-3:

Canada: Politics, Ideology, and Economy

This course will deal with an analysis of state and society and with government and party policies on various levels and in various regions. Emphasis will be on current social and economic policies. (3, 0, 0)

NO PREREQUISITE: This course may be taken for university transfer credit or for general interest. To be followed in the winter semester by Political Science 203.

Friday 9:00 - 12:00 noon

P. Weber

Psychology 101-3:

Introductory Psychology I

In the introductory psychology courses, Psychology 101 and 102 you will discover some of the reasons why we think, feel and act as we do. The classes consist of lectures, structured experience, discussions and films, as well as other audio-visual presentations. The topics for this course include: a perspective of psychology, life-span psychological development, the biology of behaviour; perception, altered states of consciousness, conditioning and learning and memory. This course should be followed by Psychology 102. (3, 0, 0)

Section I

Wednesday 9:00 - 12:00 noon

A. Klingner

Section II

Thursday 9:00 - 12:00 noon

A. Klingner

Section III

Tues. 7:00 - 10:00 p.m.

Instructor: TBA

Psychology 201-3:

Developmental Psychology I

The developmental psychology course, Psychology 201 and 202, offers an exploration of human development through the life-span, from conception to death.

Following an introduction to the prevalent views of developmental psychologists and the way they attempt to answer relevant questions, the course proceeds to examine the physical, cognitive and psychosocial aspects of development in infancy and play years. This course should be followed by Psychology 202. (3, 0, 0)
PREREQUISITE: Psychology 101 and 102 or permission of the instructor.

Wed. 5:30 - 8:30 p.m.

A. Klingner

Sociology 101-3:

Introductory Sociology I

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

Tues. 1:00 - 4:00 p.m.

S. Mark

Sociology 205-3:

Sociology of the Family I

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

Thurs. 1:00 - 4:00 p.m.

S. Mark

SCIENCE

Biology 101-3: Introductory Biology I

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

Mon. & Wed. 1:00 - 2:30 p.m.

N. Kerby

Biology 101-3: LAB I

Tues. 9:00 - 12:00 noon

N. Kerby

Biology 101-3: LAB II

Tues. 1:00 - 4:00 p.m.

N. Kerby

Chemistry 101-3:

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 equivalent or permission of the instructor.

Mon., Wed. & Fri. 8:00 - 9:00 a.m.
Instructor: TBA

Chemistry 101-3: LAB
Thurs. 1:00 - 4:00 p.m.
Instructor: TBA

Chemistry 121-3:
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.

Mon., Wed. & Fri. 10:00 - 11:00 a.m.
Instructor: TBA

Chemistry 121-3: LAB
Wed. 7:00 - 10:00 p.m.
Instructor: TBA

Computer Science 111-3:
An Introduction to Computers
Computing technology has the potential to significantly enhance the performance of many tasks. This course will introduce persons to the technology, develop skills in the use of computers as a personal, professional and business problem solving tool and explore some of the major changes resulting from the common use of computers. Computers are available for student use during weekly lab sessions most evenings and on the weekends. (3,3,0)
Tues. 7:00 - 10:00 p.m.
Instructor: TBA

Computer Science 111-3: LAB I
Tues. 9:00 a.m. - noon
Instructor: TBA

Computer Science 111-3: LAB II
Tues. 1:00 - 4:00 p.m.
Instructor: TBA

Computer Science 121-3:
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: Algebra 12 or Computer Science 112 or permission of the instructor.
Mon., Wed. & Fri. 9:00 - 10:00 a.m.
Instructor: TBA

Computer Science 121-3: LAB I
Wed. 7:00 - 10:00 p.m.
Instructor: TBA

Computer Science 111-3: LAB II
Thurs. 9:00 a.m. - noon
Instructor: TBA

Geography 150-3:
Physical Geography
A study of the physical environment in which human beings have developed their economic, political and cultural structures. Principal topics covered are cartography and maps, climates, landforms, surface waters, soils and vegetation. Examples from British Columbia and Canada will be emphasized. (3,3,0)
Thurs. 7:00 - 10:00 p.m.
N. Kerby

Geography 150-3: LAB
Mon. 7:00 - 10:00 p.m.
N. Kerby

Mathematics 101-4.5: Calculus I
An introduction to The Calculus for students intending to major in the sciences and engineering. Topics presented include limits, derivatives, techniques of differentiation, related rates, curve sketching, optimization, root finding, differentials, antiderivatives, trigonometric, logarithmic and exponential functions. (4.5,0,0)
PREREQUISITE: A minimum of C in Algebra 12 or its equivalent.
Mon., Wed., & Fri. 2:30 - 4:00 p.m.
Instructor: TBA

Mathematics 141-4.5:
Mathematics for the Social and Managerial 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. (3,0,0)
PREREQUISITE: Algebra 12 or its equivalent.
Mon., Wed., & Fri. 1:00 - 2:30 p.m.
Instructor: TBA

Physics 101-3:
Motion, Energy and Temperature
In Physics 101, three topics of classical physics will be covered, namely, Newtonian mechanics of few body systems, fluid mechanics of many body systems and equilibrium statistical mechanics. In the first, translational and rotational statics and dynamics will be discussed in terms of the following vectors: position, velocity, acceleration, force and torque. This discussion will also include conservation of energy and momentum. In the second topic, conservation of mass and momentum will be applied to the statics and dynamics of fluids. In the third topic, macroscopic equilibrium statistical mechanics (thermodynamics) will be discussed from the point of view of conservation laws and atomic theory. Energy and entropy will be discussed with ideal gases used as the illustrative example. The various laws will

be discussed using simple principles of calculus. However, problems and exams will not require calculus for their solutions. (3,3,0)

PREREQUISITES: Physics 11 and Math 11 or equivalent or the permission of the instructor. **NOTE:** Students with Physics 12 may not get credit for this course at the major universities.
COREQUISITE: Math 101
Mon., Wed. & Fri. 11:00 - 12:00 noon
Instructor: TBA

Physics 101-3: LAB I
Thurs. 1:00 - 4:00 p.m.
TBA
Physics 101-3: LAB II
Thurs. 7:00 - 10:00 p.m.
TBA

Physics 121-3: Physics I (Calculus)
As in Physics 101, three topics of classical physics will be covered, namely, Newtonian mechanics of few body systems, fluid mechanics of many body systems and equilibrium statistical mechanics. In the first, translational and rotational statics and dynamics will be discussed in terms of the following vectors: position, velocity, acceleration, force and torque. This discussion will also include conservation of energy and momentum. In the second topic, conservation of mass and momentum will be applied to the statics and dynamics of fluids. In the third topic, macroscopic equilibrium statistical mechanics (thermodynamics) will be discussed from the point of view of conservation laws and atomic theory. Energy and entropy will be discussed with ideal gases used as the illustrative example. The various laws will be discussed using principles of calculus. Problems and exams may require calculus for their solutions. (3,3,0)
PREREQUISITES: Physics 12 and Math 12 or equivalent or the permission of the instructor.
COREQUISITE: Math 101
Mon., Tues., Wed. 2:30-3:30 p.m.
Instructor: TBA

Physics 121-3: LAB I
Thurs. 1:00 - 4:00 p.m.
Instructor: TBA

Physics 121-3: LAB II
Thurs. 7:00 - 10:00 p.m.
Instructor: TBA



Adult Basic Education

'YOU NEVER STOP LEARNING'

General Information

The Adult Basic Education program gives all adults a chance to upgrade their skills and knowledge of English, Mathematics, Science and the Social Sciences. Courses range from basic reading and mathematics through to the provincial level (Grade 12 equivalency). You may enter this program at any time during the year as space permits. An initial Math and English assessment will be done to determine individual placement. Instruction is individualized and self-paced, so the time required to complete the course depends on your initial placement and your own pace through the material. You may attend full-time or part-time, taking as few or as many courses as practical for your needs. An evening program is provided for those unable to attend days. Completion will improve employment opportunities or prepare you for further training in trades, vocational, business, career or university programs.

Requirements for Admission

Applicants must be over 18 years of age. Underage applicants are subject to additional criteria (See College Calendar for further details).

How to Apply

Application forms are available from the Student Services' Office at the Terrace Campus or from any of the other campus offices. You are encouraged to apply early as there is often a waiting list for this program.

Fees: See Registration Section (Page 1).
Date: Continuous intake.
Time: (Day class) Mon - Fri. 8:00 a.m.- 3:00 p.m.
(Evening class) Mon.-Thurs. 3:00 - 10:00 p.m. + Fri. 9:00 a.m.- 4:00 p.m.
Location: Administration Building (Level 2)

Financial Aid and Sponsorship for ABE Students

If you anticipate financial difficulties you are urged to contact the Financial Aid Officer 635-6511, Local 207 for information/advice IN ADVANCE of registration.

TUTORIAL SERVICE

The College, in co-operation with School District #88 and the Terrace High Schools, will again offer this service.

AVAILABLE MONDAY - THURSDAY from 3:00 p.m. - 10:00 p.m.

Students registered in Grade 10, 11, or 12 in ANY of the Terrace High Schools may attend this program for up to 15 hours per week.

Students would get the help they need in particular subject areas, or just use the service as a structured work environment for study and/or homework. This program is also available to those doing high school level correspondence courses and wish extra help.

Cost is \$37.80 per month and a student could attend up to 60 hours per month.

Further information can be obtained from School Counsellors or from the ABE Department at Northwest Community College.

ENGLISH LANGUAGE TRAINING

PLEASE REGISTER IN ADVANCE AT NORTHWEST COLLEGE

ADULT ENGLISH CLASSES 成人英語班
AFTAIIKA MAOHMATA AIKUUSTEN ENGLANKIN LUOKKA
CLASAS PARA ADULTOS टीचर: एम. मन्दिनी, टी. मन्दिनी
COURS D'ANGLAIS POUR ADULTES

BEGINNER/INTERMEDIATE/ADVANCED

Anyone who wishes to learn English in the evening should attend this multi-level class.

Instructor: Iverna Stradeski
Date: September 19 - December 14
Tues. & Thurs. 7:30 - 9:30 p.m.
Location: Cassie Hall School
Fee: \$20.00

An Important Notice for Adults Without Grade 12!

GENERAL EDUCATIONAL DEVELOPMENT TESTS (G.E.D.)

The G.E.D. tests are administered by N.W.C.C. for the Ministry of Education. The five tests are designed to measure your level of achievement in Writing Skills, (including a written essay), Social Studies, Science, Mathematics, and Literature and the Arts. A grade 12 secondary school equivalency certificate is awarded by the Ministry to candidates who pass all five tests.

To write the tests, you must be at least 19 years of age, out of high school for at least one academic year, and a B.C. resident.

Examinations will be held at NWCC:
Oct. 20/21, 1989 and Dec. 8/9, 1989.

Your application must be sent to the Ministry at least 3 weeks BEFORE the scheduled test date.

Application forms and further details are available at the College office.

G.E.D. TEXTBOOKS are available at the COLLEGE BOOKSTORE.

You May Also Enroll in Our G.E.D. PREPARATION CLASSES

Instructor: Eila George
Date: Sept. 12 - Dec. 7
Time: Tues. 7:30 - 10:00 p.m.
Location: Caledonia School
Fee: \$10.00

ADULT SPECIAL EDUCATION

These programs are being offered to adults with special educational needs to acquire basic knowledge leading to fuller participation in the community. These courses are designed for adults with mental handicaps and would also be of benefit to others who may require additional educational support.

Full-Time Programs

Job Preparation/Work Orientation

Dates: September 18 - December 22
Times: Mon. - Fri. 8:00 a.m. - 3:00 p.m.
Fee: See Registration Section (P. 1).

Up-Grading/Functional Literacy

Dates: September 18 - December 22
Times: Mon./Wed./Fri. 1:00 - 3:00 p.m.
Fee: See Registration Section (P. 1).

Special Interest Courses

- Assertiveness - 16 hrs.
- Learning to Use a Computer - 16 hrs.
- Income Tax Forms - 4 hrs.
- Getting Your Learner's Permit - 16 hrs.

Times: Tues./Thurs. 1:00 - 3:00 p.m.
Fee: See Registration Section (P. 1).

Dates and other details for these courses will be available AFTER September 14th

Call Elizabeth Snyder 635-6511, Local 307 for further information regarding Adult Special Education Courses.



Business Programs

FULL-TIME CAREER PROGRAMS	TWO YEAR DIPLOMA PROGRAMS
<ul style="list-style-type: none"> - ACCOUNTING - ADMINISTRATIVE SECRETARY - CLERK-TYPIST - CLERK BOOKKEEPER - GENERAL SECRETARY - INDUSTRIAL RECORDS & FIRST AID - LEGAL STENO - MEDICAL STENO - WORD PROCESSING - WORD PROCESSING (ADVANCED) <p style="text-align: center;"><i>CAREER PROGRAMS VARY IN LENGTH FROM 4 - 12 MONTHS with Continuous intake.</i></p>	<ul style="list-style-type: none"> - HONOURS DIPLOMA IN BUSINESS ADMINISTRATION - DIPLOMA IN OFFICE MANAGEMENT - DIPLOMA IN GENERAL BUSINESS - DIPLOMA IN BUSINESS ADMINISTRATION
<p>START DATE FOR CAREER AND DIPLOMA PROGRAMS - September 5th, 1989</p> <p><i>For further information, contact the Terrace Campus 635-6511.</i></p>	

PART-TIME CAREER ADVANCEMENT and UP-GRADING COURSES

Advanced Typewriting
More complex routine type-writing functions are studied in this course. Students will begin the Northwest College assignment requirements for TYPG 101. Completion carries credit toward a College Certificate. A transcript will also be issued to successful students.
PREREQUISITES: Basic keyboarding or experience to be assessed by the instructor.
Begins September 19
Tues. & Thurs.
7:00-9:00 p.m., Rm. 111,
\$72.00 + books, 40 hrs.

Basic Keyboarding
This is a course for persons who have never used a typewriter before. Students will be taught the keyboard and begin learning the many specialized applications of typewriting. Also recommended as a pre-computer course.
Begins September 19
Tues. & Thurs.
7:00 - 9:00 p.m., Rm. 106,
\$72.00 + books, 40 hrs.

Bookkeeping (ACCT 101)
COLLEGE CREDIT
This is an introductory course in the fundamentals of book-keeping. Routine profit and loss, balance sheets and payroll calculations are included. Completion of this module carries credit toward a Northwest College Business Certificate. Students should have access to a ten-key adding machine.
Begins September 19
Tues. & Thurs.
7:00 - 10:00 p.m., Rm. 113,
\$108.00 + book, 60 hrs.

Bookkeeping (ACCT 102)
COLLEGE CREDIT
Students who have previously completed ACCT 101 may enroll for ACCT 102. Areas of study will include: Accounts Payable, Accounts Receivable, Cash Flow, Bank Reconciliation, Promissory Notes and Adjustments.
Begins September 19
Tues. & Thurs.
7:00 - 10:00 p.m., Rm. 113,
\$108.00 + book, 60 hrs.

Business Communications (BENG 150)
SMA, CGA, CITT, COLLEGE CREDIT
Oct. 30 - Dec. 19, Mon.-Fri.
8:00-10:00 a.m., Rm. 108
\$82.50 + Books

Business Computers (BCPT150)
SMA, CGA, CA, CCUI, SFU COLLEGE CREDIT
September 5 - October 24
Mon. - Fri.
1:00 - 4:00 p.m., Rm. 109
\$82.50 + book & supplies

Business Finance (BFIN 250/251)
SMA, CGA, CA, CCUI, COLLEGE CREDIT
Sept. 5 - Dec. 24, Tues.
10:15 a.m. - 12:15 p.m., Rm. 108
\$165.00 + books

Credit & Collections (MGMT252)
COLLEGE CREDIT
Sept. 5 - Oct. 24, Tues.
1:00 - 4:00 p.m., Rm. 108
\$82.50 + books

Economics (ECON150/151)
SMA, CGA, CA, CCUI, CITT COLLEGE CREDIT
Sept. 5 - Dec. 18, Mon.
9:00 a.m. - 12:15 p.m., Rm. 109
\$165.00 + books

Introductory Financial Accounting (ACCT 150/151)
SMA, CGA, CA, COLLEGE CREDIT
Begins September 19
Tues. & Thurs.
7:00 - 10:00 p.m.
Rm. 108, \$108.00 + books

Computer Accounting (BCPT 103)
COLLEGE CREDIT
A course in computer accounting for people with training or experience in the accounting cycle. A hands-on training course, students will learn to set up and maintain accounting records on a microcomputer, as well as the use of spreadsheets. Previous computer experience is preferred.
Program includes choice of: New Views, Bedford Integrated Accounting, ACCPAC and Lotus 1-2-3.
PREREQUISITE: Acct 101/102 &/or Acct 150/151 or equivalent.
Begins September 23, Sat.
9:00 a.m. - 3:00 p.m. Rm. 109,
\$100.00 + supplies, 40 hrs.
Enrollment limited to 12

Internal Auditing (ACCT. 254)
COLLEGE CREDIT
Oct. 31 - Dec. 19, Tues.
1:00 - 4:00 p.m., Rm. 108
\$82.50 + books

Introduction to Computers (BCPT 102)
COLLEGE CREDIT.
This course is intended for people who have little or no experience with computers. The object is to introduce the student to computers, their use and limitations. The student should complete the course with the ability to feel comfortable in a computer environment. The course includes substantial 'hands on' computer experience.

COURSE I
Begins September 12
Tue. & Thurs.
7:00 - 10:00 p.m., Rm. 109
\$100.00 + supplies, 42 hr.
Enrollment limited to 14

COURSE II
Begins October 31
Tue. & Thurs.
7:00 - 10:00 p.m., Rm. 109
\$100.00 + supplies, 42 hrs
Enrollment limited to 14

COURSE III
Begins January 9/90
Tue. & Thurs.
7:00 - 10:00 p.m., Rm. 109
\$100.00 + supplies, 42 hrs
Enrollment limited to 14

Management Principles (MGMT 150)
CCUI, COLLEGE CREDIT
Oct. 30 - Dec. 19
Tues. 1:00 - 4:00 p.m.
Rm. 217, \$82.50 + books

Mathematics of Finance (MATH 150)
CA, SFU, COLLEGE CREDIT
Sept. 5 - Oct. 24, Tues.
8:00 - 10:15 a.m., Rm. 108
\$82.50 + book

Word Processing
COLLEGE CREDIT
Students may choose from: Wordperfect, Wordstar, Multimate, Microsoft Word.
Prerequisite: BCPT 102 or equivalent.
Begins September 18
Mon. & Wed.
7:00-10:00 p.m., Rm. 109
\$100.00 +supplies.
Enrollment limited to 12

First Aid Courses

Industrial First Aid

Course I

Begins Sept. 11, Mon. - Fri.
8:00 a.m. - 3:00 p.m.,
Rm. 215, \$275.00
includes Books & Exam, 66 hrs.

Course II

Begins Sept. 25, Mon. & Wed.
7:00 - 10:00 p.m., Rm. 215,
\$275.00 includes Books & Exam,
60 hrs.

Course III

Begins Dec. 4, Mon. - Fri.
8:00 a.m. - 3:00 p.m., Rm. 215,
\$275.00 includes Books & Exam.
66 hrs. (11 days)

Survival First Aid

(WCB Certification)

SFA is an eight (8) hour course and includes two (2) hours of C.P.R.
\$55 per person,
includes Books & Exam.

(Normally, 12 students are required to make a class. As soon as we have 12, we'll schedule a class, so please register by leaving your name & telephone number with Student Services 635-6511.)

CPR Courses

Cardiopulmonary Resuscitation courses are held on request.
Six (6) persons required to hold a class.

\$40 per person,
includes supplies

Phone the College
for details
635-6511

COMMUNITY SUPPORT WORKER

FULL-TIME PROGRAM AT OUR TERRACE CAMPUS

ALL STUDENTS MUST ATTEND AN ORIENTATION CLASS ON
SEPTEMBER 5, 1989

The Community Support Worker Program provides training for individuals who wish to work with people who have varying degrees of handicaps and disabilities. The program stresses issues such as psychology, communications, health care, sociology and program planning. While community support work is an often stressful and complex profession, rewarding career opportunities are available as program planner, self help workers, group home care worker, instructor aides and child care workers for program graduates.

Applications for the academic term should be submitted through the Registrar's office as early as possible.

Admission Requirements

Persons accepted into the C.S.W. program must:

1. Have Grade 12 English writing level.
2. Present evidence of a medical examination and evidence of a recent chest X-ray for T.B.
3. Demonstrate a mature attitude, and must attain age 19 by graduation.
4. Submit two letters of reference from people in social services, preferably in the field of disabilities.
5. Participate in a personal interview prior to acceptance.
6. Produce a one page covering letter on why you would like to take the program.
7. Work or volunteer experience in the field of disabilities is strongly recommended.
8. Students should be aware that some employers will request a Crime Prevention information check as a stipulation of employment.
9. New students may be admitted into selected courses in January of each year.

Dates and Locations

The program extends from September until June of each year at the Terrace Campus. The first semester starts in September and expires before Christmas. The second semester begins in January and finishes at the end of April. The third semester is an extended two month field practicum undertaken with a community agency. The extended practicum is done in the months of May and June.

Student Status, Probation

See General Information section of the College Calendar

Fees

See Registration Section (Page 1).

Fall Semester

CSW 100-3	Introduction to Community Support	CSW 130-3	Training Techniques for Practicum I
CSW 101-3	Special Needs Overview	CSW 229-3	Children: Family Needs and Support
CSW 102-3	Needs, Supports and Services	English 151-3	Business and Technical Writing
CSW 110-3	Helping Skills	Psychology 101-3	Introductory Psychology I
CSW 120-3	Health Care Planning		

C.S.W. Course Descriptions

CSW 100-3

Introduction to Community Support

This course is the study of the current practices and procedures used when providing support to people with handicaps living in the community. The student is introduced to concepts such as the definition of community, contemporary social organization and political rights. Students will then proceed to gain special knowledge on issues such as mental retardation, normalization and community services.

Tuesday, 12:30 - 4:00 p.m., R. Berthiaume

CSW 101-3 Special Needs Overview

This course is the study of various conditions of mental retardation, mental illness, and physical disabilities. The student is introduced to a variety of issues like origins and causes, relevant traits, definitions, diagnosis and assessment, prevention and intervention of particular disabilities. By the end of the course, the student will be aware of the complexities and the considerations that need to be taken into account when working with exceptional people.

Monday, 9:00 a.m. - 12:00 noon, D. Wong

CSW 102-3 Needs, Supports and Services

This course is the study of the relating, assessing, and networking of individuals with handicaps to available supports and services. The student is introduced to specific issues such as the human and legal rights of citizens in Canadian society. Students will then proceed to link the notion of rights to questions of support services for people who have handicaps.

Thursday, 12:30 - 4:00 p.m., R. Berthiaume

CSW 110-3 Helping Skills

This course is the study of the processes of interpersonal communication, such as defining the characteristics and needs involved with helping others. Students will explore basic issues of helping (i.e. beliefs and values) to practicing skills of effective communication.

This course requires active participation by all students. There is no exam given in this course. Class meetings will include lectures, discussions, role plays, and practice sessions.

Wednesday, 9:00 a.m.12:00 noon, D. Wong

CSW 120-3 Health Care Planning

This course is the study of the principles of health care planning. The student is introduced to concepts such as Health and Community Based Care in Canada. Students will then learn to apply health planning and research models for individuals with handicaps

Tuesday, 9:00 a.m.12:00 noon

Instructor: TBA

CSW 130-3

Training Techniques for Practicum I

This course is an introduction to the structure of the available community resources. By the end of the course, the student will be aware of personal experiences of exceptionally challenged people. Also, the students will gain general understanding and skills regarding program planning, observing and recording, techniques for skill acquisition, evaluation and basic behavioral management. Class meetings will include guest speakers, videos, day observation visits (practicum), lectures and discussions.

Friday, 9:00 a.m. - 12:00 noon, D. Wong

CSW 229-3

Children: Family Needs and Support

This course is the study of typical family dynamics and needs. The student will be familiar with a variety of common family structures and patterns within the family. The student will also understand the stages of acceptance and adjustment issues of families, their needs and the role of the community support worker.

Class time will include guest speakers, lectures, and discussions.

Wednesday, 1:00 p.m. - 4:00 p.m., D. Wong

English 151-3:

Business and Technical Writing

See Academic section for description.

Monday, 1:00 p.m. - 4:00 p.m., G. Stanley

Psychology 101-3:

Introductory Psychology I

See Academic section for description.

Thursday, 9:00 a.m. - 12:00 noon, A. Klingner

EARLY CHILDHOOD EDUCATION

FULL-TIME PROGRAM AT OUR TERRACE CAMPUS

ALL STUDENTS MUST ATTEND AN ORIENTATION CLASS ON SEPTEMBER 5, 1989

TUITION: See Registration Section (Page 1).

Books and supplies will cost approximately \$800/year.

ECE 101: Program Development I

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

Monday 1:00 p.m. - 4:00 p.m. &
Thursday 9:00 a.m. - noon, Rm. 211

Joan Turecki

ECE 102: Curriculum Development I

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

Tuesday 9:00 a.m. - 12:00 noon &
Thursday 1:00 - 4:00 p.m., Rm. 211

Joan Turecki

ECE 104:

Health and Nutrition (HSW 163)

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

Monday 9:00 a.m. - 12:00 noon, Rm. 211

Darlene Westerman

ECE 125: Practicum I

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

Wednesday & Friday
9:00 a.m. - 4:00 p.m., Rm. 211

Darlene Westerman

ECE 134:

Introduction to Child Development

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

Tuesday 1:00 - 4:00 p.m. Rm. 211

Darlene Westerman

Psychology 201

See Academic Section for description.

EARLY CHILDHOOD EDUCATION by AUDIO TELECONFERENCING

Audio Teleconferencing links students in Hazelton, Houston, Kitimat, Prince Rupert, Smithers and Terrace with their instructor. Everyone can hear and speak to each other in the 'bridging' of microphones and loudspeaker units. Classes include lectures, audio-visual presentations and interactive seminars.

The following courses start the week of SEPTEMBER 5th, 1989 and run for fifteen weeks.

ECE 102 - 6 credits

Curriculum Development I

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

Wednesday, 7:00 - 9:00 p.m.

Instructor: T.B.A.

ECE 201 - 3 credits

Infant Growth and Development

An indepth look at the process of child development in typical and atypical children from conception to age 3 years. (All Centres)

Thursday, 7:00 - 9:00 p.m.

Instructor: Darlene Westerman

In January 1990 WATCH FOR:

ECE 122 (Curriculum Development II) and ECE 206 (Working with Families)

HUMAN SERVICE WORKER

Fall Semester

English 151-3	Business & Technical Writing	HSW 163-3	Food & Health
HSW 141-3	Intro. to Social Welfare	HSW 164-3	Behaviour Intervention
HSW 143-3	Issues in Social Services	HSW 167-3	Intro. Computers in S.S.
HSW 151-3	Counselling Skills 1	HSW 191-3	Practicum I
HSW 153-3	Human Growth & Develop.	Psychology 101-3	Intro. Psychology I

H.S.W. Course Descriptions

English 151-3:

Business and Technical Writing

See Academic section for description.

HSW 141-3: Introduction to Social Welfare

This course will introduce 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 rural 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. (HSW 141 & 143 were formerly offered as HSW 155) (3.5, 0, 0)

Monday, 8:30 a.m. - 12:00 noon, J. Muller

HSW 151-3: Counselling I

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

Tuesday, 12:30 - 4:00 p.m., D. Foster

HSW 153-3:

Human Growth and Development

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

Tuesday, 8:30 a.m. - 12:00 noon, J. Muller

HSW 163-3: Food & Health

An analysis of food and health in the social

services. An introduction to first aid is also included. (3.5,0,0)

Wed. 8:30 a.m. - 12:00 noon J. Muller

HSW 164-3: Behaviour Intervention

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

Thursday, 12:30 - 4:00 p.m., D. Foster

HSW 167-3:

Intro. Computers in Social Services

This course introduces the student to the use of computers in social services. The main emphasis is on the principles and practice of word processing in social service agencies. No previous computer knowledge or experience is necessary. (1.5,2,0,0)

Wednesday, 12:30 - 4:00 p.m., J. Muller

HSW 191-3: Practicum I

This course provides an introduction to the agencies and facilities that provide human services in the community. The emphasis is on first-hand field experiences with visits to a wide variety of community resources and meeting the professional personnel who provide the services. Each practicum day will include classroom seminars focussing on the student's role within the various agencies as practicum settings, as well as classroom instruction. (3.5, 6, 0)

Friday, 8:30 - 12:00 noon, D. Foster

Psychology 101:

See Academic section for description.

Thursday, 9:00 a.m. - 12:00 noon

A. Klingner

NURSING

This **FULL-TIME PROGRAM** is available at our **TERRACE CAMPUS** and is **FULL** for the 1989-90 College Semester.

Applications are being taken for August 1990.
Contact the Registrar's office for registration information.

The Nursing Program is a professional nursing transfer program. Students take the first year of the British Columbia Institute of Technology (BCIT) General Nursing Curriculum at Northwest Community College (NWCC). Upon successful completion of the first year, the student transfers to BCIT, Burnaby, to complete course work in the General Nursing Program. Upon graduation, students will receive a diploma in nursing from B.C.I.T. making them eligible to write registration exams for the Registered Nurses Association of B.C. after one or two years of practical experience. Students would be eligible for the University of British Columbia and University of Victoria Baccalaureate Nursing Degree Programs should they wish to continue their nursing education. For those students who would like to undertake the 1st year program or more on a part time basis - this option is available to students by taking the Nursing Support Courses in the Fall and Winter terms and then making application for the general Nursing Course for the following year. This program is open to all persons having the necessary prerequisites. Academic up-grading is available through the Northwest Community College Adult Basic Education Department.

(See College Calendar for information regarding admission requirements & curriculum.)

Fees: See Registration Section (Page 1).

COURSES LISTED ARE THE REQUIREMENT OF THE FULL-TIME 1ST YEAR NURSING PROGRAM.

Students taking support courses are required to achieve a 65% average to receive credit in the Nursing program.

**ALL COURSES ARE AVAILABLE TO PROSPECTIVE NURSING STUDENTS
AND THE GENERAL PUBLIC AS SPACE ALLOWS!**

Fall Semester Course Descriptions

BHSC 105:

Anatomy & Physiology - 4 credits
A survey of the basic structure and function of human body systems. An introduction to the basic principles of genetics is also included.
September 1 - December 18
Monday, 10:00 - 11:30 a.m.
Thursday, 8:30 - 10:00 a.m.
L. Turner

Psychology 201-3:

Development Psychology I
See Academic section for description.
August 29 - December 16
Tuesday, 8:30 - 11:30 a.m.

Psychology 202-3:

Developmental Psychology II
See Academic section for description.
Friday, 8:30 - 11:30 a.m.
A. Klinger



Special Interest Courses

SERGING AHEAD #13013

Learn how to use new techniques to get a beautiful finished sewing product. Special emphasis on processes for the home sewer. A professional will give individual instruction on fashion details and factory shortcuts.

Limited enrollment - sign up early.

A. McKinnon

Thursday, Sept. 14

7:30 p.m.

Fabric Boutique Store

\$25.00

SMALL CLAIM COURT PROCEDURES #13014

Small Claim Court is where money disputes involving amounts of under \$3,000 are heard. This class will deal with questions such as, how to know and when it is worthwhile initiating an action, how to prepare and present your case, how to defend yourself and how to collect if you win. Our booklet, Small Claim Court, will be available at the class for \$5.00.

People's Law School

Wednesday, Oct 18

7:30 p.m.

Terrace Public Library

BEGINNER GERMAN #13015

A qualified instructor will help you upgrade or learn the basic conversational skills. Each year the Northwest hosts more German speaking tourists. This interesting course will enable you to use language common to everyday situations.

Come and learn with a friend.

Inke Kase

Monday, Sept. 18 - Nov. 27

7:30 p.m.

N.W.C.C.

\$35.00

EMILY CARR PHOTOGRAPHIC LIGHTING #13016

For Intermediate students with a general working knowledge of photography. This workshop will show the students how light is manipulated to suit one's needs or how one can make-do with or without correct available lighting. The students will see the different types of lighting such as daylight, tungsten and flash. A brief look into cool out temperature and its effect on colour retention will be discussed. Students will be given the opportunity to use studio lighting equipment and will learn how to flash-fill in outside situations.

Alex Waterhouse-Hayword

Saturday & Sunday, Oct. 14 & 15

Emily Carr Studio N.W.C.C.

\$45.00



BEGINNER SPANISH

Thinking of going to MEXICO? New approaches to learning the Spanish language will be introduced. Spanish is a very popular language for travellers and business people. This two part course introduces you to basic vocabulary and grammar for spoken Spanish.

Instructor: L. Noble

PART A #13017

Tuesday & Thursday, Sept. 12 - Oct. 12

7:30 - 9:30 p.m.

N.W.C.C., Rm. 1122

\$35.00

PART B #13018

Tuesday & Thursday, Oct. 17 - Nov. 16

7:30 - 9:30 p.m.

N.W.C.C., Rm. 1122

\$35.00

INTRODUCTION TO MACINTOSH COMPUTER #13019

"Hands On" experience in several popular software packages including word processing, spreadsheets, database and graphics. Emphasizes on individual needs. Sign up early -- only 12 in the class.

W. Wilson

Saturday, Oct. 7 - Oct. 28

9:00 a.m. - 12 noon

N.W.C.C. Computer Lab

\$80.00



CHRISTMAS CHOCOLATE MAKING #13020

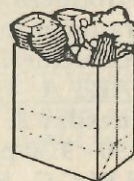
Learn how to make delicious and professional looking Christmas presents with chocolate. The method is fast, easy and inexpensive. The results, absolutely FANTASTIC. Who can resist!. Come and indulge in almond bark, mints, caramel and cream centres, nut clusters, hand-dipped fruit and cherry surprises.

Linda Mantel
Thursday, Nov. 30
7:00 p.m.
Skeena High School Rm # 13
\$10.00

NUTRITION FOR WOMEN ONLY #13021

An overview of Nutrition through the lifecycle. We are very much affected by the food we eat. Topics to be covered are: optional pre-conception nutrition, nutrition needs during the pregnancy and lactation, diet and P.M.S. tips for the working mother, the relationship between osteoporosis and menopause, suggestions for seniors. Questions will be welcome on this informative evening.

Sonya Kupka
Wednesday Nov. 8 & Nov. 15
7:30 p.m.
N.W.C.C
FREE



NUTRITION FOR MEN ONLY #13022

Healthy eating is not only good for you, it's fun. Learn how to make nutritious choices in the grocery store, in the kitchen, at the table and at your favourite restaurant (Fast Food Outlets included).

Sonya Kupka
Wednesday, Nov 15
7:30 p.m.
N.W.C.C.
FREE

ADVANTAGES OF FOOD PRESERVATION #13023

Learn to make good use of cheaper fruits and vegetables in season, to bring down your food bill. Taste the difference of a real fruit pie in December The four sessions will include:

- canning
- freezing
- the use of coupons
- bulk buying

Jodi Winkler
Monday & Wednesday, Sept 11 - 20
7:30 - 9:30 p.m.
Thornhill Jr. Sec. School
\$15.00

HOW TO TALK SO KIDS WILL LISTEN AND LISTEN SO KIDS WILL TALK #13024

Innovative ways to solve common problems such as: how to listen and understand your child's concerns. How to have cooperation without nagging. How to find alternatives to punishment. How to help the child have a positive self-image.

Carol Harrison
Wednesday, Sept. 13 - Oct. 18
7:00 - 9:00 p.m.
N.W.C.C
\$15.00

BASIC SEWING #13025

Brighten up your wardrobe with a new outfit. Helpful tips and individual help. This course will teach you useful sewing techniques, darts, seams, waistbands, hems, zipper applications, collars and other useful hints.

S. Murdock
Tuesday, Sept 12 - Oct. 31
7:00 p.m.
Thornhill Jr. Sec. School
\$35.00

FRENCH BRAIDING #13026

Learn how to CLASSIC FRENCH BRAID with contemporary variations. Model required for this course. Hair should be shoulder length, freshly washed and dried. Tail comb, elastic bands, hair pins, hair ribbons, spray bottle should be brought to the class.

Tina Sterner
Saturday, Sept 16
9:00 a.m. - 12:00 noon
N.W.C.C
\$15.00

SIGN LANGUAGE (BEGINNER) #13027

This beginner course is for students interested in learning the signing skills. This course is for people who wish to communicate with the deaf or non-verbal handicapped person.

Garcia Jackart
Tuesday & Thursday, Sept. 26 - Oct. 19
7:30 - 9:30 p.m.
N.W.C.C.
\$35.00

SIGN LANGUAGE (ADVANCED) #13028

This course will concentrate on grammatical structures and expanded vocabulary. Improvement of existing signing skills for those who have already taken a beginner course. Knowledge of 100 signs and fingerspelling is a prerequisite.

Garcia Jackart
Tuesday & Thursday, Oct. 24 - Nov. 16
7:30 - 9:30 p.m.
N.W.C.C
\$35.00

DEFENSIVE DRIVING #13029

This course will enable you to become acquainted with the techniques of defensive driving in the B.C. Safety Council approved program. New drivers and those who have lost their licenses are encouraged to attend, but everyone could become a better driver by learning to drive defensively.

P. Julseth
Tuesday & Thursday,
Sept. 19, 21, & 26
7:00 - 9:30 p.m.
N.W.C.C.
\$45.00



Don't let this happen!
Make for safe driving habits.

MEATCUTTING #13030

Covers fundamentals of meat cutting. Includes sharpening and maintenance of various knives, sanitation and the actual cutting of meat. Pre-registration required.

Instructor: T.B.A.
Tuesday & Thursday
Sept. 19 - Oct. 19
7:00 - 10:00 p.m.
N.W.C.C. Cafeteria
\$55.00

CAKE DECORATING (BEGINNER) #13031

All the basic concepts of cake decorating will be covered in this 30 hr. course. Border design, flowers, tube writing, sugar moulds and fundamental special techniques. Learn how to decorate your baked goods with a special flare. Pre-registration required.

Instructor: T.B.A.
Monday & Wednesday
Sept. 18 - Oct. 20
7:00 - 10:00 p.m.
N.W.C.C. Cafeteria
\$60.00



CARPENTRY FOR BEGINNERS #13032

Learn basic carpentry as well as safety and capabilities of shop machinery. Participants will choose a project which will include some joinery work. Suggestions are; end or night table, foot stool or spice rack.

Instructor: T.B.A.
Tuesday & Thursday
Sept. 12 - Oct. 19
7:30 - 9:30 p.m.
N.W.C.C. Carpentry Shop
\$65.00



BASIC MASSAGE #13033

Here's your chance to learn basic massage techniques from a trainee professional. Roger Carling-Kelly, Registered Massage therapist of Northwest Massage Therapy is presenting this seminar designed to give you hands-on experience. This workshop is of particular interest to couples who lack the confidence to really feel comfortable giving their partners a relaxing massage. Participants are asked to come prepared by wearing bathing suits under their clothes so that backs, arms and legs can all be exposed, as massage techniques will be practiced in class. **Bring your partner or friend, blanket sheet and pillow.**

Oil will be supplied.

Roger Carling-Kelly

Tuesday, Sept. 19

6:00 - 10:00 p.m.

N.W.C.C.

\$50.00 per couple.

STOCK AND MONEY MARKET ANALYSIS #13034

How to invest for the best returns possible. An in-depth look at the stock markets, the securities industry and the myriad of investment options available. A hands-on course concentrating on the benefits of specific investments instead of their features. Door prizes, gifts and light refreshments are included in this informative, entertaining evening.

Market: Middle Managers, Accountants, Sophisticated Investors, Bank Managers, Doctors and Legal Advisors.

Max: 30, Min: 10 people

Instructor: TBA

Thursday, Sept. 21

Inn of the West

7:00 - 10:00 p.m.

\$40.00/single - \$50.00 /couple



WOMEN AND INVESTING #13035

An overview of the stock market and money markets and also the avenues available to maximize your investment dollar. Topics covered are; How to Build a Portfolio, Mutual Funds, Interest Rate Investments, Bond Markets, RRSP's and RESP's. Door prizes, gifts and light refreshments are included in this informative, entertaining evening.

Diana Costain, Renowned Vancouver Investment Broker is the Guest Speaker

Max: 30, Min: 10 people

Wednesday, Sept. 20

Inn of the West

7:00 - 10:00 p.m.

\$25.00



INTRODUCTORY THERAPEUTIC TOUCH WORKSHOP

Therapeutic touch is a natural healing technique using the hands. The process involves releasing congestion and balancing the individual's energy field causing relaxation, reducing pain and speeding healing. It is currently widely used in United States hospitals and health centres. Persons interested in learning this technique should be relatively healthy and have a sincere desire to help others.

Session I

Saturday, Sept. 16

Location: TBA

9:00 a.m. - 4:00 p.m.

\$30.00

Session II

Saturday, Oct. 28

Location: TBA

9:00 a.m. - 4:00 p.m.

\$30.00



Trades Training Programs

Northwest Community College offers a wide selection of **FULL-TIME** Pre-employment and Trades Training Courses

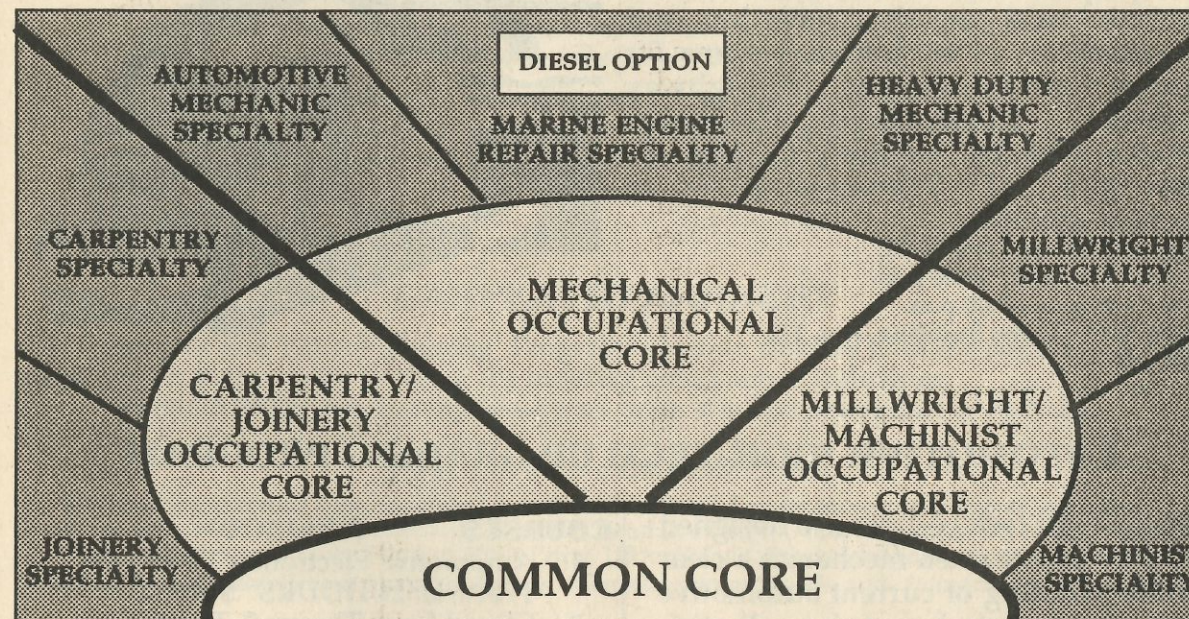
TRAC PROGRAMS

Carpentry
Joinery

Automotive Mechanics
Heavy Duty Mechanics
Marine Engine Repair

Millwright
Machinist

Training Access, often called **TRAC**, is a flexible approach to learning a trade. You have the opportunity to study at your own speed, and working on your own to acquire trade skills. This is called self-paced learning, but you will be expected to meet realistic time limits. **TRAC** is competency-based which means you will be required to demonstrate your ability to perform each skill by means of written tests and practical evaluations.



HOW DOES IT WORK?

You enter **COMMON CORE**.

This allows you to brush up on basic skills and learn those things important in the trade. Information is in separate learning packages and you study each one until you are ready to test your skill. You then move to the next package.

Experienced instructors are on hand to help you.

When you finish Common Core, you move into **OCCUPATIONAL CORE**.

Here you focus on one of several trade areas, such as Mechanics, or Carpentry, or Millwright/Machinist.

Once you have mastered all the skills in your chosen occupational core, you move on to a **SPECIALTY** in the trade of your choice.

TRADE QUALIFICATION (TQ) UP-GRADING

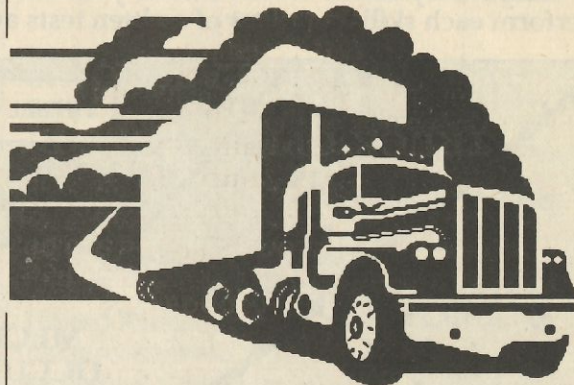
Northwest Community College provides TQ Up-grading to provincial or inter-provincial standards for various trades such as **Warehousing, Carpentry, Millwright, Welding, Automotive and Heavy Duty**. These courses are available on an individual basis through self-study or as required by the Ministry of Labour. They are designed to prepare the experienced trade person for the qualification exam required for certification.

For further information, please contact your nearest Northwest Community College Centre or Ministry of Labour, Apprenticeship and Employment Training Program Branch.

AIR BRAKES

To prepare drivers for practical and written tests on the operation and maintenance of air brakes systems for either on-highway or off-highway vehicles. Those taking off-highway exams will be required to pay the Ministry of Transportation an examination fee.

Sept. 12-16, & Dec. 12-16
 Tues.- Fri. 6:30 - 10:00 p.m.
 Sat. 8:00 a.m. - 3:00 p.m.
 N.W.C.C. Shops Building, Rm. 112
 \$100.00



AUTOMOTIVE HIGH-TECH UP-GRADING PROGRAM

These high tech courses are designed to give journeymen mechanics a clear understanding of current automotive electronic control systems. Participants will receive intense theory and hands-on trouble shooting scheduled to make optimum use of their time with minimum conflict in the workplace. Any or all courses may be taken but it should be noted that the first, second and last must be taken in that order. The courses will be offered on a demand basis, and will be scheduled to suit participants' requirements. Upon completion of each course, successful participants will receive a College Certificate.

COURSES	SUBJECT
1.	Automotive Electronics Theory & Practical 24 HOURS \$ 265.00
2.	Closed Loop Theory & Trouble Shooting 18 HOURS \$ 200.00
3.	Electronic Fuel Injection 18 HOURS \$ 200.00
4.	GM Computer Command Control Trouble Shooting 18 HOURS \$200.00
5.	Ford EEC IV Trouble Shooting 18 HOURS \$ 200.00
6.	Chrysler E.F.I. Trouble Shooting 18 HOURS \$ 200.00
7.	Bosch & Japanese E.F.I. Trouble Shooting 24 HOURS \$ 265.00
8.	Computer Body & Chassis Control Trouble Shooting 36 HOURS \$ 400.00

(Fees: Subject to Change)
 Dates: T.B.A.

Pre-register your interest at the College 635-6511. When sufficient people have signed up for the section/ sections of their choice a course will be scheduled.

BASIC ELECTRICAL HOUSEWIRING

This course is designed to provide the homeowner and/or the general public with a "hands-on" approach to installing electrical systems in a single family residence. This course consists of ten (10) three hour sessions that will include installing electrical services, branch circuit wiring, rewiring of appliances and electric heating, electrical code requirements and inspection/permit requirements. Some homework will be assigned. **PREREQUISITES:** Students should possess some math skills, be proficient with the use of hand tools and have a mechanical aptitude.

October 16 - November 16/89, Tuesdays and Thursdays
 7:00 - 10:00 p.m.

N.W.C.C. Shops Building, Rm. 1102

Fee: \$100.00

A 'Reference Book' will be required (approximate cost is \$7.50).

CARPENTRY APPRENTICE TRAINING

The Carpentry Apprentice 1989/90 technical training plan at N.W.C.C. (Terrace Campus) are as follows:

1. Carpentry I - October 2 - November 10, 1989
2. Carpentry II - November 14 - December 22, 1989
3. Carpentry III - January 2 - February 9, 1990
4. Carpentry IV - March 26 - May 4, 1990.

CARPENTRY/JOINERY

The Carpentry and Joinery Training Programs provide trainees with the skills needed for employment in the junior levels of the building construction industries.

PREREQUISITE: Entrance requirements are Grade 10 or ABE Intermediate or equivalent.

First Level is COMMON CORE.

(This portion will take approximately 2 months to complete. Less for those with previous experience.)
Program includes: Safety, Trade Math, Sketch & Read Drawings, Use of Construction Hand Tools, Use of Construction Power Tools, Rigging, Knot Tying, Lifting Loads, Erection of Ladders and Scaffold, Gas Welding, Use of Fasteners & Bonding Agents, Identification of Woods and Construction of Projects.

Second Level is OCCUPATIONAL CORE.

This portion will take approximately 2 - 2 1/2 months to complete.
Program includes: Trade Safety, Reading & Interpreting Carpentry/Joinery Drawings, Use of Carpentry/Joinery Hand Tools, Portable Tools and Shop Equipment (Drill Press, Radial Arm Saw, Table Saw, Band Saw, Jointer and Thickness Planer), Construction of Woodworking Joints, Use of Materials and Hardware, Platform Frame Construction Methods, Stair Construction, Construction of a Simple Cabinet and the Use of Specialty Tools such as Air-Nailers, Power Actuated Tools and Chainsaws.

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

These courses are presented in a modularized format and are very flexible. They can be taken in whole or in part, or modified to suit the student's needs. Entrance into these courses is on a continuous basis, which makes them available for those who wish to upgrade during periods of unemployment. If withdrawal from the program before completion is necessary, students may re-enter, continuing where they left off, at a later date.

After completion of Level 2 Occupational Core a student can choose to take:
Carpentry Specialty (2 1/2 - 3 months), Joinery Specialty (2 1/2 - 3 months) or R-2000 House Construction.

For further information regarding Carpentry programs call 635-6511, Local 283/285.

COMMERCIAL VEHICLE INSPECTION CERTIFICATION

We are pleased to announce that, in conjunction with the Motor Vehicle Branch, we will be offering training courses in commercial vehicle inspection. Successful completion of this course and a provincial exam is required of a person before he/she can be authorized by the Superintendent of Motor Vehicles to inspect commercial vehicles.

Participants must be the holder of a B.C. Certificate of Qualification in either Automotive Mechanical Repair, Commercial Transport Vehicle Mechanical Repair, or Heavy Duty Mechanical Repair.

The course consists of two parts:

PART I

ADMINISTRATIVE PROCEDURES

- Motor Vehicle Act
- Motor Vehicle Act Regulations
- Commercial Vehicle Inspection Program
 - Vehicles
 - Facilities
 - Inspectors
 - Inspections
 - Decals
 - Repairs to Vehicles
 - Maintenance
 - Enforcement
 - MVD Appointed Agents
 - Motor Vehicle License Officer
- Commercial Vehicle Inspection Manual
- Commercial Vehicle Inspection Forms

PART II

PRACTICAL

- Steering Mechanism
- Tie Rod Ends
- King Pins
- Front Wheel Bearings
- Steering Lash
- Brake Adjustment
- Brake Lining Thickness
- Brake Hoses
- Drum/Disc Wear
- Headlamp Adjustment
- Trailer Attachment Wear
- Tire Wear

Successful applicants will, upon passing the final examination, receive their individual authorization to inspect vehicles required to be inspected under the Commercial Vehicle Inspection (CVI) Program from the Superintendent of Motor Vehicles in the following manner:

A Course Completion Card will be issued by the College to all students who successfully complete this course. The card signifies that the student has met the minimum entrance qualifications, has attended all of the classes, and has demonstrated his/her mechanical abilities to diagnose defects in accordance with the (Safety and Repair) Inspection Standards.

The student will then present the card to any Motor License Office and write an "ADMINISTRATIVE" examination which requires an 80% pass mark. There is "No Charge" for the examination.

The student, if successful, will then be issued a certificate by the Superintendent of Motor Vehicles, authorizing him/her to examine vehicles pursuant to Section 215.1 of the Motor Vehicle Act.

Course Length: 30 hours

Instructor: Dave Dams

Maximum Enrollment: 20

December 4th - 8th

Monday - Friday

8:00 a.m. - 3:00 p.m.

Fee: \$150.00

COOK TRAINING

"Professional Cook Training" (Continuous Intake, Full-Time)

The objective of **Professional Cook Training** is to prepare students in all the basic skills necessary to gain employment in the hospitality industry. For students who have an interest in working with the general public and a desire for permanent gainful employment.

Professional Program	- 12 months
Camp Cooking Program	- 6 months
Short Order Cooking Program	- 3 months
Upgrading Program	- Up to 3 months

FEES: See Registration Section (Page 1).

Opportunities are plentiful for graduates.

The following General Interest "EVENING WORKSHOPS" are also offered:

Meat Cutting - Designed for the Meat Hunter
Cake Decorating - Beginner

For workshop descriptions, see Special Interest Section (Page 24)

Contact 635-6511, Loc.325 for information on these workshops.

PROFESSIONAL COOK TRADES QUALIFICATION PROGRAM

This program is designed to help the student prepare for the Tradesmen's Qualifications exam and will allow a student to work at his/her own pace at home and in the workplace.

It is based on guided independent study practices, which means that a student is never alone but will be in regular contact with an instructor for assistance and guidance.

This can be done in person, by telephone, or by some other form of communication.

The program is divided into 8 modules. As each is completed, the student progresses to the next module. In this way, knowledge and understanding of one subject is attained before the student begins studying another.

This program is designed for Cooks who have worked in the industry for a number of years and are now ready to pursue their Trades Qualification Certificate.

It is also designed for Cooks who, although not yet qualified to take the T.Q. exam, wish to up-grade their skills.

Benefit of Having a T.Q. Certificate

- The opportunity for career advancement
- Recognition from industry when applying for a position
- Recognition from colleagues and other Certified Cooks
- Official provincial recognition
- The knowledge and the right to take the Interprovincial Examination

NOTE:

It is strongly recommended that those who wish to take the T.Q. exam in this trade should contact their nearest Ministry of Advanced Education Training Apprenticeship Counsellor to make sure they are qualified. This qualification requires proof of 4 years (8,000 hours) experience in a kitchen with a varied menu.

COOPERATIVE ADVANCED MILLWRIGHT APPRENTICESHIP PROGRAM

PREREQUISITE: Successful completion TRAC with Millwright Specialty

2nd Year - September 5, 1989

3rd Year - January 2, 1990

4th Year - May 7, 1990

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

For more information contact the Millwright Machinist Department 635-6511, Local 284

ELECTRONICS TECHNICIAN PROGRAM

Our new eight month provincial electronics program prepares you for a career in Electronics or a related industrial/professional career where the electronic technology plays an integral part. This new program is structured in a modular format and is instructor led. It contains new material and labs that will give a challenging and exciting learning experience.

Upon completion of this course you can select an **Electronic Specialty** to your liking at N.W.C.C. (i.e. **Telecommunications**) or other learning institutions in the province. (i.e. **Robotics, Computer Maintenance, Home Entertainment Equipment**) or you may enter into a career where electronics plays a major part (i.e. **Automotive/Industrial Trades**) or enter directly into employment in an electronic career.

October 23, 1989 - June 29, 1990

Monday - Friday 8:00 a.m. - 3:00 p.m.

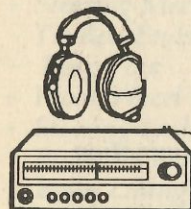
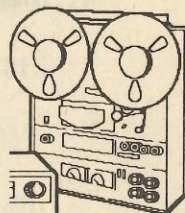
Fees: See Registration Section (Page 1).

Upon completion of this course you will receive a certificate for the 'Provincial Core Electronics' course.

We also offer the subjects listed below in **COMPUTER AIDED INSTRUCTION (CAI)**
A SELF-STUDY, SELF-PACED MODE
3:00 p.m. - 10:00 p.m., four days a week.

D.C. Electronics	CAI	120 hours
A.C. Electronics	CAI	120 hours
Semiconductors	CAI	120 hours
Digital Techniques	CAI	120 hours
Microprocessors	Self Study	150 hours

Modules completed will receive full credit towards the 'Provincial Electronics Technician' program.



For further information contact the Electronics Department 635-6511, Local 280

INTERIOR LOG SCALING

Learn the theory and practical skills of scaling. This course will include classification of species, measuring of forest products, the use of the scale stick and log grading. Upon completion you will be prepared to take the Ministry of Forests written and practical exams, to obtain a license.

(Students should have Grade 12 Math skills and knowledge of the metric system.)

September 18 - October 6, 1989

Monday - Friday 8:00 a.m. - 3:00 p.m.

Fee: \$350.00

(Manual \$27.00, Exam Fee \$50.00, Refundable Equipment Deposit \$50.00)

TRUCK OPERATIONS BASIC MAINTENANCE SKILLS and CLASS 1, DRIVERS TRAINING

Participants will receive training on all working components.

You will Learn:

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

Course Content:

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

PREREQUISITES: 19 years of age or older, possess a valid B.C. Class 1 Learner License, medically and physically fit, and experienced on standard shift vehicles.

The vehicle practical section will be group and individualized instructions (40 hrs. instruction, 10 hrs. vehicle time + Driver's Exam).

Start Date: September 25, 1989 - Completion Date: to be determined.

FEE: \$ 1,300.00 (Additional time, if required - \$50/hour)

WELDING PROGRAM

(Continuous Intake/Exit)

Open to anyone wanting to weld for the first time or trades people wanting to up-grade their qualifications and welding skills.

All programs are a SELF-PACED FORMAT and are open to FULL or PART-TIME students.

Monday - Friday 8:00 a.m. - 3:00 p.m.

Fee: See Registration Section (Page 1), (plus \$50.00 refundable deposit)

For further information contact the Welding Department 635-6511, Local 286/291.



**TELECOLLEGE
1989 Fall Semester**

Personal enrichment and new knowledge can be gained by studying with the convenience of television, with the support of the Telecollege..

TELECOLLEGE offers texts and study guides to help you make the most of your studying time.

COURSES BEING OFFERED THIS FALL INCLUDE:

Beyond the Mechanical Universe
Marketing
Mechanical Universe
Planning your Retirement
Sci-Fi, Media and Literature
Sociology
Starting a Business
Understanding Human Behaviour

These telecourses are broadcast on the Knowledge Network and will begin mid September 1989.

For further information, and to register and order texts and guides contact:

TELECOLLEGE
c/o Northern Lights College
Toll Free: 1-800-972-0379



UNIVERSITY OF VICTORIA

Off-Campus Courses for Teachers

KITIMAT: ED B 480 Whole Language I (1.5 units)
TERRACE: Ed D 405 Educational Exceptionality (3.0 units)

University of Victoria
Knowledge Network Courses for Teachers

ED B 342 Foundations of Reading (1.5 units)
ED B 480 Whole Language in the Elementary School (1.5 units)
ED E 444 Math Instruction in the Elementary School (1.5 units)
ED E 487 Education in the Small Community (3.0 units)

Tuition: \$154.50 for 1.5 units, \$309.00 for 3 units

Details of course dates, times, locations and instructors will be available in area schools in early August or by phoning the

UVic Education Extension Office at 721-7875.



UNIVERSITY OF VICTORIA

*Off-Campus B.S.W. DEGREE PROGRAM offered by
DISTANCE EDUCATION*

**The University of Victoria School of Social Work offers a
B.S.W. DEGREE PROGRAM BY DISTANCE EDUCATION
in this region.**

The following courses will be offered commencing in September 1989:

Social Work 200A An Introduction to Social Work Practice
Social Work 200B An Introduction to Social Welfare in Canada (January '90)
Social Work 355 Human Development

The following DISTANCE EDUCATION COURSES are for students admitted to the B.S.W. program or by instructor's permission:

Social Work 350 Law and Social Services
Social Work 455 The Rural Community
Social Work 401 The Research Practitioner
Social Work 450 Administration (January '90)
Social Work 452 Educational Strategies (January '90)

The following course will be held WEEKLY in Terrace

Social Work 352 Interpersonal Communication
This course will be of interest to social service practitioners as well as students.

For FURTHER INFORMATION call 1-800-663-7613 (Toll Free)

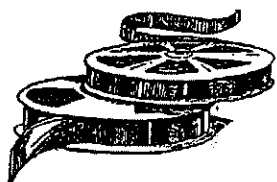
WANT A COURSE?

**These are your Education Programs and YOUR IDEAS can be part of them.
If enough interest is shown for a special course,
it can be organized if a suitable instructor can be found!**

Let us know your interests by calling 635-6511.

**THE LEARNING RESOURCE CENTRE
AND STUDENT ASSOCIATION
ARE SERVING UP A SMORGASBORD!**

OUR FALL MENU INCLUDES



SEPTEMBER 18th

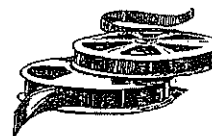
**"M"
Germany 1931**

Fritz Lang's first sound film is a masterpiece of low keyed expressionism where fear permeates every brick of the dark alleys and crumbling buildings which form its background. This film brought Peter Lorre international fame and opened doors in Hollywood but doomed him to playing a succession of criminal roles.

OCTOBER 2nd

**"Le Jour se Leve" (Daybreak)
France 1939**

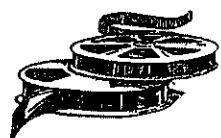
One of the most celebrated of the pessimistic poetic realist films. A classic example showing how art is influenced by life. Hollywood produced an inferior 1942 remake called "The Long Night" with Henry Fonda.



OCTOBER 16th

**"A Taxing Woman"
Japan 1987**

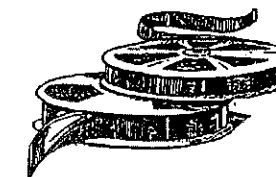
A comedy about the day-to-day life of an eager-beaver female Tax Inspector. The detailed observation of the heroine's profession is as obsessive as that of Bresson's "Pickpocket", but to more satiric ends.



OCTOBER 30TH

**"Distant Thunder"
India 1973**

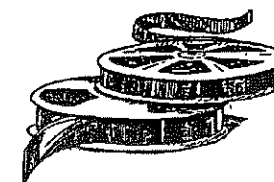
India is the most prolific film producer in the world and Satyajit Ray is one of their best Directors. Set in a small Bengali Village in 1943, Distant Thunder is WWII going on in the distance. Won best film at Berlin Film Festival in 1973.



NOVEMBER 13th

**"The Canterbury Tales"
Italy 1971**

Based on Chaucer's classic, this racy adaptation by acclaimed Director, Pier Paolo Pasolini won the best film at Berlin Film Festival in 1972.



NOVEMBER 27th

**"The Adventures of Fautus Bidgood"
Canada 1986**

Satirical comedy full of crazy gags and Monty Python like humor. Chronicles the story of a little bureaucrat who becomes the first ruler of the People's Republic of Newfoundland.

THESE INTERNATIONAL FILMS

will be shown

Monday evenings at 7:00 p.m. at the REM Lee Theatre

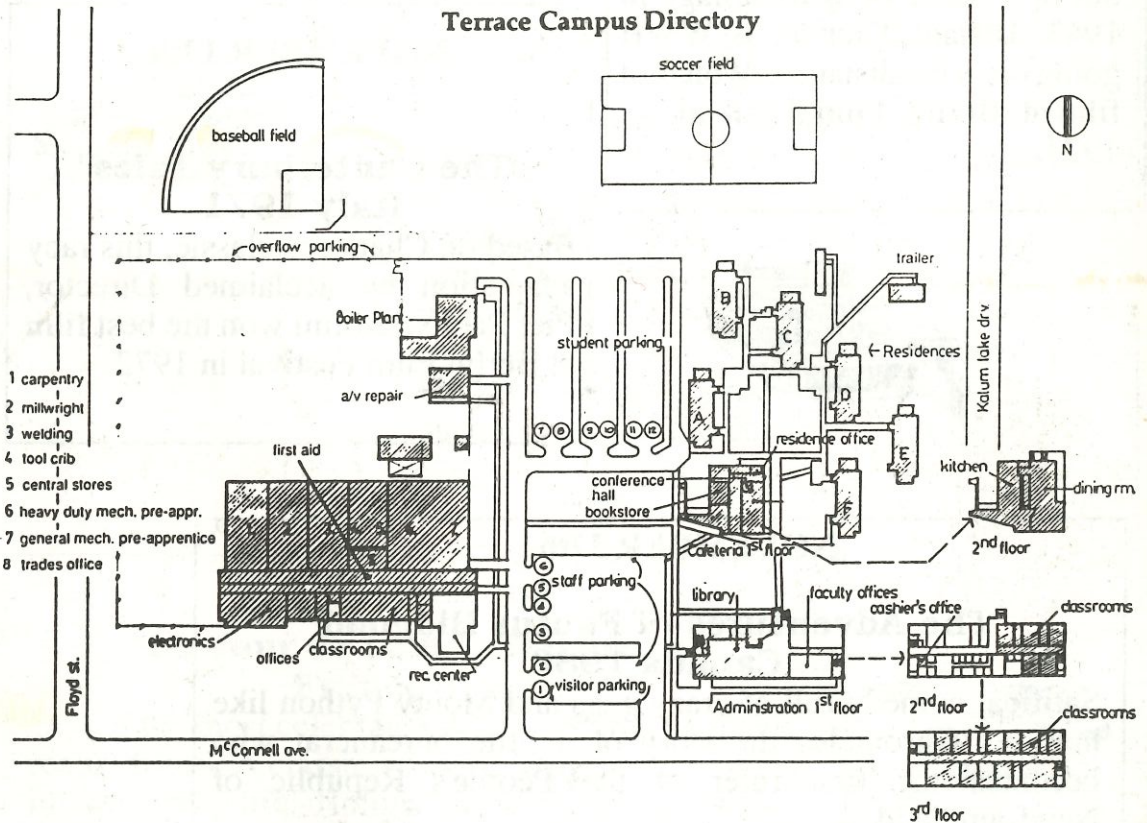
\$3.00/show or \$15/series of 6

Tickets are available from the Student Services Office.

For further information contact Patti Barnes, L.R.C. 635-6511, Local 259.

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