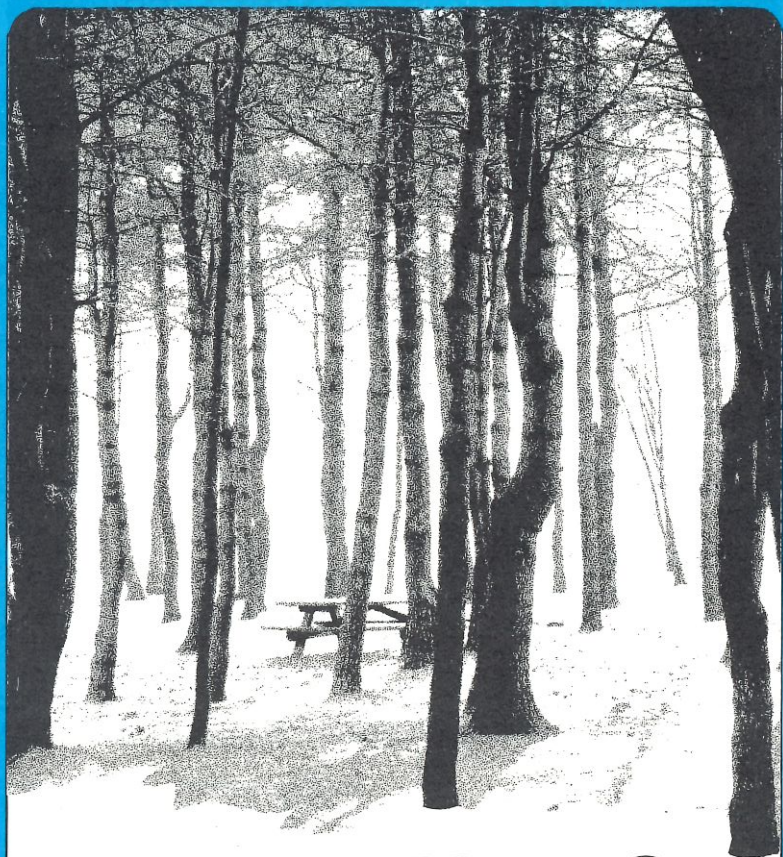


# Continuing & Community Education Services



## WINTER 79

**NORTHWEST COMMUNITY COLLEGE  
TERRACE**



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# NORTHWEST COLLEGE WINTER PROGRAM TERRACE 1979

## ADMISSION:

In general there are no specific admission requirements for these programs except those which are specifically mentioned in the separate course descriptions.

Traditionally almost half of the persons enrolled in General Interest and University Transfer courses are taking them for personal enrichment only.

Persons who are interested in any course but have reservations about undertaking them are invited to telephone the College for further information or counselling (phone 635-6511).

## REGISTRATION FOR COLLEGE COURSES

Almost all courses in these listings have limited maximum enrolments. Registrations will be accepted at the College, 5331 McConnell Ave., Terrace, on the following dates, on a 'first come' basis. - **NO REGISTRATIONS WILL BE ACCEPTED WITHOUT FULL PAYMENT OF FEES.**

Registrations will be accepted by mail provided that space is still available. Mail registrations must be accompanied by a cheque or money order payable to Northwest College for the full amount of the fee for the course and the name, address, and telephone number of the registrant. Be sure to specify the course and section number or starting date of the course.

## DATES AND TIMES FOR IN PERSON REGISTRATION:

January 2-5	8:30 a.m. - 4:00 p.m.	5331 McConnell Ave.
January 8-11	8:30 a.m. - 4:00 p.m.	5331 McConnell Ave.
	6:00 p.m. - 8:00 p.m.	5331 McConnell Ave.
January 12	8:30 a.m. - 4:00 p.m.	5331 McConnell Ave.
<b>SPECIAL</b>		
January 13	12:00 noon - 4:00 p.m.	Arena Banquet Room
January 15-17	8:30 a.m. - 4:00 p.m.	5331 McConnell Ave.
	6:00 p.m. - 8:00 p.m.	5331 McConnell Ave.

Regular office hours: Monday - Friday, 8:00 - 4:30 p.m.

Cashier: Monday - Friday, 8:00 - 4:00 p.m.

Address mail registrations to:

Winter Program Registrations  
Northwest College  
P.O. Box 726  
Terrace, B.C.  
V8G 4C2

Telephone 635-6511

## REFUNDS

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

## SCALE OF WITHDRAWAL REFUNDS

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

The college reserves the right to cancel any course which does not receive sufficient enrolment.

# ADULT BASIC EDUCATION

## Basic Training And Skills Development (B.T.S.D.)

This is an individualized vocational Math and English upgrading program operated throughout the college. Fulltime and during the day, it is for persons 17 years of age and older who have been out of school for one year.

Cost per month - \$15.00

## CORRESPONDENCE COURSES

The Ministry of Education provides 'Education by Mail' courses up to and including Grade 12, at a cost of \$15.00 per course. Vocational courses are also available. There are a few courses that can be taken for general interest at no cost.

Many Canadian Universities provide correspondence courses up to and including 4th year university in a variety of programmes at an approximate cost of \$125.00 per course.

Please make an appointment with R.T. Sullivan if you are interested in taking a correspondence course. Please call 635-6511 Local 254.

## ADULT TUTORING

This course is for you if you are taking a correspondence course, are taking Grade 12 upgrading but require extra help. Tutors will be on hand to help with reading, writing and arithmetic as well as anything else you require. Take the whole course or drop in.

Night - Mondays & Wednesdays  
Times - 7:30 - 9:30  
Length - 20 Sessions

Instructor - Ivan Gallant  
Location - Caledonia No. 105  
Fee - \$15.00 or \$1.00 per night

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

G.E.D. is a series of 5 tests in English, Math, Science and Social Studies. They provide an opportunity for many adults who did not graduate from Secondary school to acquire an official document stating that they have a Grade 12 Secondary school equivalency standing.

Cost of these tests are \$5.00 for the series. Applicants must be 19 years of age or older and out of school for one year.

## G.E.D. PREPARATION COURSES

The instructors will review the basic work with you, and provide the assistance required to prepare with competency for the tests.

## G.E.D. ENGLISH

Night - Tuesday  
Time - 7:30 - 9:30 p.m.  
Length - 10 sessions

Instructor - Eila George  
Location - N.W.C.C.  
Fee - \$12.00

## G.E.D. MATH AND SCIENCE

Night - Thursday  
Time - 7:30 - 9:30 p.m.  
Length - 10 sessions

Instructor - Lynn Turner  
Location - Caledonia No. 110  
Fee - \$12.00

## G.E.D. SOCIAL STUDIES

Wednesday starting Feb. 28, 1979  
Time - 7:30 - 9:30 p.m.  
Length - 6 sessions

Instructor - Richard Olson  
Location - Caledonia No. 8  
Fee - \$7.00

## BASIC SKILLS FOR HANDICAPPED PERSONS

For persons who are mentally or physically handicapped and wish to either learn or improve their basic skills. This program will be led by an instructor and several tutors will be available for additional assistance. Transportation will be available.

Nights - Mondays and Wednesdays  
Time - 7:00 - 8:30 p.m.  
Length - 20 sessions  
Course begins January 8, 1979

Instructor - Julie Snair  
Location - Three Rivers Workshop  
Fee - \$7.00

# ENGLISH LANGUAGE TRAINING

Learn how to speak, read and write English. If you know of someone who can use these classes please tell them. Emphasis will be on listening and speaking on everyday situations in Terrace such as: shopping, telephoning, emergency situations and expressing opinions, etc..

## E.L.T. FOR ADULTS (BEGINNERS)

Nights - Mondays and Wednesdays  
Time - 7:30 - 9:30 p.m.  
Length - 10 weeks/20 sessions

Instructor - Kathy Mueller  
Location - Cassie Hall No. 13  
Fee - \$7.00

## E.L.T. FOR ADULTS (ADVANCED)

Nights - Monday and Wednesday  
Time - 7:30 - 9:30 p.m.  
Length - 10 weeks/20 sessions

Instructor - Iverna Stradeski  
Location - Cassie Hall No. 11  
Fee - \$7.00 text books will be extra approximately \$5.00

## CANADIAN CITIZENSHIP CLASSES

Learn about Canada! We are offering classes to help you prepare for Citizenship Court. These classes are open to everyone but of special interest to persons with set court dates in January or February.

Dates - January 2, 3, 4, 5, & 9th  
Times - 7:30 - 9:30 p.m.  
Fee - \$10.00

Location - Caledonia No. 6  
Instructors - Iverna Stradeski, Kathy Mueller, Elaine Maikopar

For further information on other classes please call R. Sullivan at 635-6511.

# LANGUAGES

## BASIC CONVERSATIONAL FRENCH

An adult course in basic french.

Night - Wednesday  
Time - 7:30 - 9:30 p.m.  
Length - 10 sessions

Instructor - Evelyn Pasetka  
Location - Caledonia No. 101  
Fee - \$20.00

## BEGINNERS GERMAN

This course is for people who have no knowledge of German, but would like to learn how to converse in the language.

Night - Tuesday  
Time - 7:30 - 9:30 p.m.  
Length - 10 sessions

Instructor - Ingeburg Andrews  
Location - Caledonia No. 101  
Fee - \$20.00

## GERMAN FOR THE INTERMEDIATE

For persons who are able to converse in German, and would like improvement in their skills, or for persons who have previously taken the beginners course.

Night - Thursday  
Time - 7:30 - 9:30 p.m.  
Length - 5 sessions

Instructor - Ingeburg Andrews  
Location - Caledonia No. 101  
Fee - \$10.00

## SPANISH FOR BEGINNERS

Learn how to speak Spanish. This will include use of grammar, pronunciation and vocabulary.

Night - Monday  
Time - 7:30 - 9:30 p.m.  
Length - 10 weeks

Instructor - Mrs. Asarta  
Location - Caledonia No. 101  
Fee - \$20.00

# GENERAL INTEREST

## SIGN LANGUAGE FOR THE DEAF

Finger spelling and sign language for beginners or for persons who have some knowledge of sign language and wish to improve their skills.

Night - Wednesday  
Time - 7:30 - 9:00 p.m.  
Length - 6 sessions

Instructor - Karen Roberts-Knott  
Location - Caledonia No. 102  
Fee - \$9.00

## METRIC FOR HOUSEWIVES

Learn about length, volume and weight - the Metric way!

Night - Wednesday  
Time - 7:30 - 9:30 p.m.  
Length - 3 sessions

Instructor - Lynn Turner  
Location - Caledonia No. 110  
Fee - \$6.00

## DEFENSIVE DRIVING

This the Canada Safety Council's course on safe driving, open for those people who are learning to drive or want to improve their driving ability.

Dates - February 5, 7, 12, & 14/79  
Location - Caledonia No. 103  
Instructor - Hugh Power

Fee - \$15.00 or \$4.00 a night  
Length - 4 sessions  
Time - 7:30 - 9:30 p.m.

## ACCOUNTING FOR SMALL BUSINESSES

For the individual who has or is interested in a small business. The course prepares the individual to do their own bookkeeping from receipts to the journal to making balance sheets and profit and loss statements for income tax or year end review.

Night - Tuesday and Thursday  
Time - 7:00 - 9:00 p.m.  
Length - 20 sessions

Instructor - Ed Papais  
Location - Skeena Junior No. 108  
Fee - \$40.00

## CREATIVE WRITING

This course stresses individual development of style. Various literary articles will be analyzed. Criticism will be available individually from the instructor and through group discussion. The instructor is a professional playwright.

Night - Tuesday  
Time - 7:00 - 9:00 p.m.  
Length - 8 sessions

Instructor - Shirley Theissen  
Location - Caledonia No. 1  
Fee - \$16.00

## EMILY CARR SCHOOL OF ARTS PAINTING

Weekend Workshop in Painting.

Fee - \$20.00  
Date - February 16-18, 1979

Location - N.W.C.C.  
Limited to 15 participants

Instructor - Robin Mayor of Vancouver, Principal of Emily Carr School of Arts.

### The Workshop

## WEEKEND WORKSHOP IN PAINTING (INTERMEDIATE)

The objectives will be diverse in recognition of the fact that in the limited time available no specific program could be accomplished with any semblance of success. Although technical painting procedures will be discussed where appropriate, the major focus will be upon the way artists think, how they define structures, make choices, and develop personal critical criteria.

### Friday (3 hours)

Discussion of the artist-teacher's own work and philosophy illustrated by slides.

### Saturday

Practical workshop. Participants will be expected to bring at least three recent works for critique and discussion.

### Sunday

Practical workshop.

**Students should bring paint (any medium) 1 canvas (36" x 18" minimum size).**

Watch for announcements of times via media and posters.

## MOBILE POWER SQUADRON

A certified course offered through the Canadian Mobile Power Squadron. This course will train you in navigation (which includes map and compass reading) safety procedures, radio control and other requirements to operate your boat confidently. The course will be taught by a local man, familiar with our waters.

Times and location to be announced. Watch for listings in your local newspaper, on radio and t.v., or call R. Sullivan at 635-6511 for more information.

## NUTRITION FOR THE ELDERLY

This 2 day workshop will be open to all those who have a responsibility for supplying nutritional needs for the elderly. Further details and registration from Helvi Wright, Skeenaview Lodge, 635-2265.

Dates - January 30-31, 1979  
Location - Skeenaview Lodge

For further information on this course please contact Mrs. Barry Blix, Health Programs Co-ordinator, 9 Drake Street, Kitimat, Phone 632-4231 or 632-4766.

## DRUGS IN PSYCHIATRY

A review and update course rescheduled from Fall 1978. Registrations to Helvi Wright at Skeenaview Lodge, 635-2265.

Dates - April 6-7, 1979

Location - Northwest Community College

For further information on this course please contact Mrs. Barry Blix, Health Programs Co-ordinator, 9 Drake Street, Kitimat, Phone 632-4231 or 632-4766.

If there is sufficient interest the following courses will be offered.

Grief and Loss

Cardiac Pulmonary Resuscitation

(Basic Life Skills)

Death and Dying

If you are interested in instructing any of these courses or require further information or wish to express interest, please call R. Sullivan at 635-6511 or Mrs. Barry Blix at 632-4231.

## PEOPLE'S LAW SCHOOL

Northwest College in co-operation with Vancouver People's Law School and local organizations are pleased to offer the following legal courses and workshops.

### NATIVE LAND CLAIMS

One night seminar

### PERSONAL INQUIRY AND ICBC

One night seminar

### MATRIMONY AND DIVORCE

Two or three night courses.

Dates, times and locations will be announced via media. Watch for posters as well. If you have any inquiries or suggestions for other offerings call R. Sullivan at 635-6511.

## FILM SERIES

\$2.00 per person

\$1.50 per student

Location - Terrace Little Theatre

all films begin at 8:00 p.m.

Organizer - Janet Webster

GONE WITH THE WIND

January 20/79 General

WITNESS FOR THE PROSECUTION

January 27/79 General

ADAM'S RIB

February 3 General

LOVE AND DEATH

February 10 Mature

STORY OF ADILE H.

February 17 General

LAST TANGO IN PARIS

February 24 RESTRICTED

EVERYTHING YOU ALWAYS WANTED

TO KNOW ABOUT SEX

March 3 RESTRICTED

BATTLE OF ALGIERS

March 10 Mature

KING OF HEARTS

March 17 General

INVISIBLE MAN

March 24 General

RASHOMON

March 31 Mature

APPRENTICESHIP OF DUDDY KRAVITZ

April 7 Mature

## COMMUNITY COURSE OFFERINGS

### THE MAMAS AND PAPAS

Would you like to learn how to communicate with your children?

Would you like to learn how your beliefs affect your children?

Would you like to help your children become more cooperative and responsible?

Would you like to understand your children's behaviour and misbehaviour?

You can learn to relate to your children more effectively. This is a training course for parents and others who want their relationships with children to be more satisfying.

Location - N.W.C.C.

Time - 7:30 - 9:30 p.m.

Night - Tuesday

Length - 9 weeks

Instructor - Sean Grieg

Fee - Free (a parents handbook provided free)

Enrollment is limited to 15.

For more information please call Sean Grieg 635-7134.

### AN INTRODUCTION TO FINANCIAL STATEMENTS

Look in your local paper for announcements of times and location for the above course. For further information and registration please contact Peter Murray at the Federal Business Development Bank 635-4951.

Date - February 20, 1979

Times - To be announced

Location - To be announced

## CREATIVE JOB SEARCH TECHNIQUES

This course covers various techniques on how to present yourself to employers. Business resumes, and interviewing skills are also included.

Where - Canada Employment Centre - 4630 Lazelle Ave.

When - Starting Jan. 9/79 every alternate Tuesday, 10:00 a.m. - 12:00 noon

Fee - Free

For more information please phone the Canada Employment Centre at 635-7134.

## LADY BEWARE

Learn how to make your surroundings safer, and protect yourself against attacks. Come and watch a film and participate in a discussion. This is jointly sponsored by Northwest Community College and the RCMP. This course is free.

Night - February 7, 1979

Time - 7:30 - 9:30 p.m.

Instructor - Larry York, RCMP

Location - Caledonia Lecture Theatre

## IMPAIRED DRIVING SEMINAR

Explanation of the breathalyzer, laws, and criminal codes pertaining to Impaired Driving. Films will be shown. An explanation of what an impaired driver is. This course is free.

Night - March 15, 1979

Time - 7:30 - 9:30 p.m.

Instructor - RCMP

Location - Caledonia Lecture Theatre

## INTRODUCTION TO COUNSELLING AS PROBLEM SOLVING

This workshop will be of particular interest to those people who are new to frontline work in the human services including para-professional counsellors, volunteers and leaders of community groups.

### Session 1

Date - February 9

Time - 7:30 - 10:00 p.m.

Location - N.W.C.C.

Walene Whitaker & David Turner

Instructors from the School of Social Worker, University of Victoria.

### Session 2

Date - February 10, 1979

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

Location - N.W.C.C.

Enrollment for the above course is limited to 20 persons.

Fee - \$25.00

# MANAGEMENT SKILLS

Courses are presented by the Northwest College Supervisory Training Program and are offered through the College Region as required.

## INSTRUCTIONAL TECHNIQUES

Content of this course covers planning of instructional sessions, developing lesson plans, selecting material, making an effective presentation and assessing whether learning has taken place. Intensive 5 day full-time seminar. Target group: individuals who give instruction as a part of their employment, but who are not trained teachers.

Location - N.W.C.C.

Time - 8:30 a.m. - 5:00 p.m.

Fee - \$160.00

Course will be set up as required.

## MANAGEMENT SKILLS FOR SUPERVISORS

Northwest College is piloting a provincially recognized Supervisory Training Certification Program in Terrace. Certification requires completion of 3 four-day modules. The complete program includes 90 hours of integrated material covering a broad range of management skills. The program is constructed to be highly experimental, to attract the trainee towards involvement. Units can be completed in any order.

Part 1 - Interpersonal skills, including communication, problem solving, and decision - making.

Fee - \$120.00

Location - Northwest Community College

Time - 8:30 a.m. - 5:00 p.m.

Date - To be announced

Part 2 - Group skills in leadership, motivation and team building.

Date - To be announced

Fee - \$120.00

Part 3 - Administrative skills, including performance appraisal, time management, written communication and training techniques.

Course Date - To be announced

Fee - \$120.00

Some reimbursement of fees may be possible through the Canada Manpower Centre. Contact Manpower or your employer for more information.

# VOCATIONAL AND TRADES TRAINING DIVISION

The following evening programmes will be offered at the Terrace campus during the winter 1979 Semester.

Registration is at the college office between the hours of 8:30 a.m. and 4:00 p.m. beginning January 2, 1979. The college will also be open from 6:00 p.m. to 8:00 p.m., 8-11 January and 15-16 January for registration and payment of fees. Further information may be obtained from the Registrar or from Mr. Dick Kilborn at 635-6511.

## 1. AIR BRAKES

This is a course to prepare drivers for a written and practical test on the operation and maintenance of air-brake systems for either on-highway or off-highway vehicles. Those taking off-highway exams will be required to pay the Ministry of Transport a five dollar examination fee.

This course will also include young persons who wish to drive air-equipped vehicles. Successful completion will give a Driver's License air endorsement.

Starting Dates - 15 January and 19 February

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

Fee - \$30.00 & \$2.00 for manual

Total Hours - 24 each course

Days - Mondays & Wednesdays

## 2. SMALL ENGINE REPAIR

This course will cover outboard motors, lawn mowers, chain saws, etc. and is intended to improve the skills of persons maintaining and working with small motors.

Starting Date - 15 January

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

Fee - \$72.00

Total Hours - 72

Days - Monday & Wednesday

## 3. BASIC WELDING

This course is intended to assist persons working in trades which require welding, but do not warrant the employment of a full time welder.

### Course A

Starting Date - 16 January

Time - 6:00 - 9:00 p.m.

Fee - \$72.00

Days - Tuesday & Thursday

Total Hours - 72

Preference on this course is to N.C. day students.

### Course B

Starting Date - 15 January

Time - 6:00 - 9:00 p.m.

Fee - \$72.00

Days - Monday & Wednesday

Total Hours - 72

## 4. BASIC CABINET CONSTRUCTION

This program covers the basic operations of Hand and Power tools as used in the construction of kitchen cabinets.

Instruction during the course includes:

Base or Lower Kitchen Cabinets

Upper Kitchen Cabinets

Upper and Base Bathroom Cabinets

Drawers and Doors for above Cabinets

Application of Arborite materials

Starting Date - 15 January 1979

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

Fee - \$30.00

Total Hours - 30

Days - Monday and Wednesday

## 5. BASIC HOUSE FRAMING

This course covers the basic theory of house framing and includes the knowledge required to layout floors, walls, rafters and stairs.

This is a classroom course and does not include shop time.

Starting Date - 15 January 1979

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

Fee - \$30.00 plus book

Total Hours - 30

Days - Monday & Wednesday

## 6. AUTOMOTIVE ELECTRICAL TUNE-UP

This course is designed to up-grade tradesmen in the use of electronic tune-up devices and servicing emission control systems.

Starting Date - 15 January 1979

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

Fee - \$24.00

Total Hours - 24

Days - Monday & Wednesday

## 7. SURVIVAL FIRST AID

The purpose of this course is to provide an individual with knowledge and skills that are necessary for the emergency care of an injured person pending the arrival of qualified first aid or medical personnel. Courses will be offered on Saturdays when sufficient applications have been received. The full program is completed in one day.

Fee - \$12.50, including examination.



## 8. BASIC OFFICE TRAINING PREREQUISITE

A course designed for those people who have not had Commercial training in High-school or who have not had business experience or who have been out of school for several years. The course covers the operation of a ten key adding machine, business arithmetic and record keeping. It is recommended that students complete this course before taking ACC 1.

Fee - \$40.00  
Time - 20 sessions, 2 hours each night, 7:00 - 9:00 p.m.  
Days - Mondays & Wednesdays, beginning 15 January

## 9. BOOKKEEPING (ACC 1)

This is an introductory course into the fundamentals of bookkeeping. It is identical to our regular day course and requires a considerable number of home assignments. Routine profit and loss, balance sheets and payroll calculations are included. Completion of this module carries credit towards a Northwest Business Certificate.

Students who have previously completed ACC 1 may enroll for ACC 2 since both classes will be conducted by the instructor at the same time. ACC 2 is also identical to our day program.

Students should have access to a 10 key adding machine. Areas of study will include: Accounts Payable; Accounts Receivable; Cash Flow; Bank Reconciliation; Promissory Notes and Adjustments. Completion of this module carries credit towards a Northwest College Business Certificate.

Fee - \$60.00 plus book  
Time - 7:00 - 10:00 p.m., 20 sessions  
Days - Tuesdays & Thursdays  
Starting Dates - 16 January 1979

## 10. MEDICAL TERMINOLOGY

The information in this course will be helpful to future nurses, medical secretaries, medical technologists, medical librarians and medical assistants. The student will be taught:

- How to build medical words from Greek and Latin prefixes, suffixes, work roots and combining forms.
- How to recognize medical words from the Greek and Latin parts.
- How to spell medical words correctly.
- How to use a medical dictionary intelligently.

A credit transcript will be issued to all students completing the course. This module carries credit towards the Northwest College Medical Stenographer Certificate.

Prerequisite: Grade 12 graduate or equivalent.  
Starting Date - January 15, 1979  
Time - 7:00 - 9:00 p.m.  
Fee - \$40.00 plus book

Days - Mondays & Wednesdays  
Total Hours - 40

## 11. TYPING FOR BEGINNERS

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. Speed development and timing will be emphasized.

Prerequisite: None  
Starting Date - January 15, 1979  
Time - 7:00 - 9:00 p.m.  
Fee - \$40.00 plus book

Days - Mondays & Wednesdays  
Total Hours - 40

## 12. ADVANCED TYPEWRITING

More complex routines and typewriting functions are studied in this course. Students will begin the Northwest College assignment requirements for T4. Completion carries credit towards a College Certificate. A transcript card will also be issued to successful students.

Prerequisite: Course 11 - Typing for Beginners or considerable experience to be assessed by the instructor.

Starting Date - January 17, 1979  
Time - 7:00 - 9:00 p.m.  
Fee - \$20.00

Days - Wednesday  
Total Hours - 20

## 13. VOCATIONAL MATHEMATICS

This course is oriented towards pre-vocational and trades people. It is designed to help those who need a refresher course or who have specific problems with shop mathematics. It will cover fractions, decimals, percentage measurement, and problem solving.

Fee - \$40.00  
Time - 20 sessions, 2 hours each  
Days - Tuesdays & Thursdays, 7:00 - 9:00 p.m. beginning January 30, 1979

## 14. DC ELECTRONICS

No prerequisite is required other than a knowledge of algebra. Discusses matter, atoms, current flow, voltage, drops, series and parallel circuits, magnetic fields, meters and their use, 20 lab experiments.

Fee - \$50.00  
Total Hours - 50

### 15. AC ELECTRONICS

Prerequisites - Course 14 or equivalent knowledge. Discusses wave forms, period frequency, AC meters, oscilloscope, series and parallel circuits, RC filters, phase shifts, reactance, vectors, transformers, trigonometry, resonance, 8 experiments. Supplementary lessons. - vector algebra (complex numbers as applied to AC circuits).

Fee - \$50.00  
Total Hours - 50

### 16. SEMICONDUCTOR DEVICES

Prerequisites - Course 14-15 or equivalent knowledge. Discusses diodes, zener diodes, bipolar transistor operation, field effect transistor operation, thyristors, unijunction transistors, special diode circuits, integrated circuits, optoelectronic devices and applications, 11 experiments. Supplementary information - bipolar transistor parameters.

Fee - \$50.00  
Total Hours - 50

### 17. ELECTRONIC CIRCUITS

Prerequisite - Courses 14-16 or equivalent knowledge. Discusses amplifier functions and configurations, classes of operation, audio, video, RF, IF amplifiers, voltage multipliers, voltage regulation, power supplies, oscillators RC wave shaping circuits, clippers, AM, FM, SSB modulation, extensive use of meters and oscilloscopes to perform 18 experiments.

Fee - \$50.00  
Total Hours - 50

### 18. ADVANCED DIGITAL TECHNIQUES

Prerequisites - Courses 14-17 or equivalent knowledge. Discusses TTL, ECL, CMOS, PMOS, NMOS integrated circuits, SSI, MSI, and LSI, ROM'S and PLA's microprocessors and microcomputers. Designing logic circuits through the use of truth tables, Boolean algebra and Karnaugh mapping. Also includes Flip-flops and registers, sequential logic circuits, frequency counters. There will be 24 experiments.

Fee - \$75.00  
Total Hours - 75

Courses 14-18 are Heath Continuing Education self - study programs containing numerous lab experiments and unit tests as well as 331/3 rpm introductory records. In some areas supplementary lessons have been added.

A pre-test for any of the above courses will establish prerequisites. The pre-test and the final exam for each course all consist of 50 multiple choice questions and require a 60% score to pass. Courses are conducted concurrently and students may study at their highest level of qualification.

Starting Date - January 16, 1979  
Time - 7:00 - 10:00 p.m.  
Days - Tuesdays & Thursdays  
Total combined registration is limited to 16.

### 19. MEAT CUTTING

This is a short course in the fundamentals of meat cutting and is intended primarily for hunters who want to cut their own game. It will include sharpening and maintenance of the various types of knives, sanitation and the actual cutting of meat. Enrollment is limited to ten students.

Starting Date - January 15, 1979  
Time - 7:00 - 10:00 p.m.  
Fee - \$30.00  
Days - Mondays & Wednesdays  
Total Hours - 30

### 20. CAKE DECORATING

This course is designed for housewives and covers all basic concepts of cake decorating. Content: Border Design, Flowers, Tube Writing, Sugar Molds, Fundamental Decorating Techniques, Special Techniques. Limited to ten students.

Starting Date - January 16, 1979  
Days - Tuesdays & Thursdays  
Fee - \$30.00 & supplies  
Time - 7:00 - 10:00 p.m.  
Total Hours - 30

### 21. MOBILE AND INDUSTRIAL HYDRAULICS

This training program covers the following areas:  
Review of fluid fundamentals  
Hydraulics components and their application  
Hydraulic circuits including blueprint reading  
Trouble shooting, using testers and blueprints  
Basic design criteria

This course is offered on alternate nights in Terrace and Kitimat.

Kitimat Dates - January 30, February 1, 5, 7, 9, 1979

Terrace Dates - January 29, 31, February 2, 6, 8, 1979  
Time - 6:00 - 10:30 p.m., 5 sessions  
Fee - \$30.00 plus books

# NORTHWEST COMMUNITY COLLEGE GENERAL INTEREST AND UNIVERSITY TRANSFER PROGRAM

## Terrace — Winter 1979

Fees for the following courses are \$25.50 per course per semester. Persons interested in undertaking these courses for university transfer or general interest can obtain further information at the college at the time of registration. See the college admission and registration procedures at the beginning of this book.

Senior citizens (60 years and over) - no tuition is charged.

For further information on this program for full-time or part-time students contact the college in Terrace at 635-6511 or drop in - 5331 McConnell Avenue.

**Note: Classes in the following list begin the week of January 8, 1979.**

### ART 101-3 - Design Fundamentals I

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

(Art 102-3 - A continuation of Art 101-3 will be offered immediately following the completion of Art 101-3).

Section: B099  
Lectures: Monday 7:00 - 10:00 p.m.  
Instructor: Dave Comfort.

### BIOLOGY 102-3 — Introductory Biology II

A continuation of Biology 101 with emphasis on micro aspects of the life science. Topics include cell biology, molecular genetics, elemental biochemistry and other related topics.

Section: B005  
Lectures: Wednesday and Thursday, 10:30 a.m. - 12:00 noon  
Laboratory: Wednesday, 1:00 - 4:00 p.m.  
or Friday, 1:00 - 4:00 p.m.  
Instructor: Alan Gottesfeld

### CHEMISTRY 102-3 — Introductory Chem. II

A continuation of Chem. 101

TOPICS:

Thermochemistry  
Redox Reactions and Electrochemistry  
Acids and Bases  
pH, hydrolysis, buffers  
Intro. to organic chemistry

**Prerequisite: Chem 101 or permission of the instructor.**

Section: B007

Lectures: Monday and Thursday, 1:00 - 3:00 p.m.

Laboratory: Tuesday, 1:00 - 4:00 p.m.

Instructor: Norm Webster

### ENGLISH 102-3 — Literature and Composition II

Literature and Composition. Reading and discussion of modern fiction, essays, drama and poetry, with student written assignments in response.

**English 101 is not a prerequisite for English 102.**

Section: B013

Lectures: Monday and Tuesday, 10:30 a.m. - 12:00 noon

Instructor: George Stanley

Section: B014

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

Instructor: Maureen Bostock

### ENGLISH 204-3 — Canadian Literature: since WWII

The English literature of Canada from World War Two to the present (with the inclusion of some French literature in translation). Reading and discussion, with student written assignments in response. Some of the writers who will be read are: Gabrielle Roy, Morcecai Richler, Margaret Lawrence, Sheila Watson, George Ryga, Al Purdy, Margaret Atwood, and John Newlove.

**English 203 is not a prerequisite for English 204.**

Section: B018

Lecture: Tuesday, 1:00 - 4:00 p.m.

Instructor: George Stanley

**GEOGRAPHY 102-3 — Introduction to Geography II**

A continuation of Geography 101 with an examination of selected topics of the physical and cultural environment. The course is designed to introduce the student to the broad themes of Geography.

Section: B020

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

Instructor: Ian Anderson

**GEOGRAPHY 242-3 — Man - Land Relationships in Canada**

With an emphasis on Inuit, Indian and Ethnic minorities; regional resource and development within an historic perspective.

Section: B021

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

Instructor: Ian Anderson

**HISTORY 106-3 — Canada since the 1890's**

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

Section: B026

Lecture: Friday, 9:00 a.m. - 12:00 noon

Instructor: Peter Weber

**MATH. 082-0 — Preparation for College Mathematics II**

Students who successfully complete 082 will obtain the equivalent of full credit for Math. 12 (academic). Programmed instruction is used to enable each student to proceed at his or her own speed. Students who need the equivalent of credit for Math 11 may also join the class to work on Math. 081 material.

**Prerequisite:** Math. 10 or permission of the instructor.

Section: B034

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

Instructor: Walt McIntyre

**MATHEMATICS 102-3 — Calculus II**

A continuation of Math 101. More differential calculus if followed by an introduction of the basic methods of integral calculus.

**TOPICS:**

The differentiation of inverse trig, exponential hyperbolic and log functions; Integration - definite and indefinite integrals; Application of integral calculus; curve length, areas and volumes. Taylor's formula; Complex numbers and an introduction of Vectors.

**Prerequisite:** Math 101 or permission of the instructor.

Section: B035

Lectures: Monday, Wednesday and Friday, 9:00 - 10:30 a.m.

Instructor: Carolyn Williston

**PHILOSOPHY 102-3 — Moral Philosophy**

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

Section: B037

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

Instructor: Rolf Nosterud

**PHYSICS 102-3**

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

**Prerequisite:** Physics 101 or its equivalent, or permission of the instructor.

Section: B038

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

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

Instructor: James Ho

**PSYCHOLOGY 102-3 — Introduction to Psychology II**

This course is a continuation of Psychology 101. Selected topics include personality, pathology, therapy, and social issues.

Section: B042

Lectures: Thursday, 9:00 - 10:30 a.m. and Friday, 10:30 a.m. - 12:00 noon

Instructor: Andre Klingner

**PSYCHOLOGY 202-3 — Developmental Psychology**

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

Section: B045

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

Instructor: Andre Klingner

**SOCIOLOGY 102-3 — Introduction to Sociology II**

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

Section: B051

Lecture: Tuesday, 1:00 - 4:00 p.m.

Instructor: Jake Muller

**WOMEN'S STUDIES 225-3 — Women in Literature II**

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

Section: B053

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

Instructor: Joanne Nakonechny

## FULL-TIME STUDIES VOCATIONAL TRAINING OPPORTUNITIES

Some space is still available in the following courses beginning on January 29, 1979.

**ELECTRONICS TECHNICIAN - 10 months**

This course consists of a natural progression of technical knowledge and applied skills, beginning with electrical and electronics theory and circuits and continuing through logic and pulse circuits as used in computers.

**INDUSTRIAL RECORDS AND FIRST AID - 5 months**

This course combines training in office procedures, typing, time keeping, and accident prevention with industrial first aid training. At the completion of this course, students are tested by the Worker's Compensation Board for their Industrial First Aid Certificate.

**WELDING GENERAL - 10 months**

This course covers basic metallurgy, heat treatment, blueprint reading, plate and pipe layout. Various welding procedures are applied to different types of metal. Graduates of this program will have gained sufficient practical experience and related theory to take a welding test under the A.S.M.E. sec. IX, C.S.A. - W - 47, or A.W.S. Codes. These are recognized standards of qualification acceptable to industry. (this course meets on the afternoon shift - 2:30 p.m. - 9:15 p.m.).

Spaces will be available in the following programs at various times throughout the year:

Basic Training for Skills Development  
Business Office Training  
Cook Training

For more information on these and other programs offered through Northwest Community College, contact the Registrar, Counsellor, or Student Services Office at 635-6511.

**FINANCIAL AID**

Tuition fees for most full-time Vocational programs are \$15.00 per month.

Financial aid, from many sources, is available to assist students who might need it.

Contact the College for more information and application forms.

**DORMITORIES**

Space is available in on-campus residences for students whose families live outside of Terrace. Room and board are provided at reasonable monthly rates.

**COUNSELLING AND CAREER INFORMATION**

The counselling office at Northwest College has information on programs at most post-secondary institutions in Canada. The sharing of this information and other career counselling is offered as a Community Service and is in no way restricted to students of the College. For more information, drop in at the College or phone for an appointment.

**SPECIAL NOTICE:**

On February 15 and 16, 1979 counselling or admissions personnel will be at Northwest College in Terrace representing:

B.C. Institute of Technology  
Simon Fraser University - General and Faculty of Education  
University of British Columbia - General and Faculty of Education  
University of Victoria - General and Faculty of Education.

The main purpose of this visit is to talk with Secondary School counsellors and to students wishing to transfer in 1979 to these institutions. Some time will be available to the general public to meet with these people. If you would like an appointment for these dates, please contact the Registrar's Office at the College - 635-6511.

# **SIMON FRASER UNIVERSITY PROFESSIONAL DEVELOPMENT PROGRAM TEACHER TRAINING**

Starting in September 1979 Simon Fraser University will offer its Professional Development Program (PDP) in Terrace. This three semester program will allow students to obtain the majority of their teacher education in their own communities.

The first semester combines seven weeks of teaching practicum with an equal amount of seminar work. The second semester is a full four month practicum. Students will do their practicum in Prince Rupert, Terrace, or Kitimat (possibly in Smithers) and their seminar work in Terrace. During the third semester students select courses offered by the Faculty of Education or other departments to build on strengths and eliminate weaknesses. This third semester must be taken in Burnaby.

Students can enter the Professional Development Program after two years of academic work or after a bachelor's degree. After completing two years of university and the PDP the student would be eligible for the Standard Teaching Certificate. This Certificate would allow a person to teach at the elementary school level. Following the PDP the student could return to SFU for three semesters to obtain his BED and a Professional Teaching Certificate.

Students who enter the program after a bachelor's degree would be eligible for a Professional Certificate. This Certificate allows a person to teach at either the elementary or secondary school level.

In the Northwest Community College region the program will be offered in at least the Prince Rupert, Kitimat and Terrace areas. Smithers is also being considered. For further information please contact the local college office.

A representative from Simon Fraser will be in Terrace, February 15 and 16 to further explain this program to persons interested in applying. Contact the Student Services Office, 635-6511.