THE COLLEGE OF NEW CALEDONIA

1976 - 77

CALENDAR ADDENDUM

TO BE USED

IN CONJUNCTION

WITH THE 1975 - 76

C.N.C. CALENDAR

THE COLLEGE OF NEW CALEDONIA

ACADEMIC-TECHNICAL STUDENT FEES

-- EFFECTIVE FALL 1976 SEMESTER

COURSE FEES PER SEMESTER:

- Per course, $30.00
- Full load (5 courses), $150.00

LABORATORY FEES PER SEMESTER:

- Per course, $15.00
- Maximum, $30.00

STUDENT CARD/LIBRARY CARD FEE:

- one time per year, $1.00

July 19, 1976
RM/bd

COLLEGE OF NEW CALEDONIA

1976-77 CALENDAR ADDENDUM

This addendum is to be used as a supplement to the 75/76 C.N.C. Calendar. Corrections are identified by the 75/76 Calendar page number.

NOTE: This addendum information is correct to March 15th, 1976, but may be subject to revision later in the school year.

INSIDE COVER

1976-1977 COLLEGE CALENDAR

August 18, 19, 20	(We, Th, Fr)	Returning Students 2nd year status All Divisions
August 23, 24	(Mo, Tu)	Returning Students 1st year status All Divisions
August 25, 26, 27 30, 31	(We, Th, Fr)	All new students All Divisions (By student Number) (100 per day)

Sept. 1-3 Registration and interviews for incoming students. Students entering University Transfer and Technical Programs are advised to familiarize themselves with campus facilities and contact the C.N.C. Counsellors or Faculty if they have any questions regarding course content or pre-requisites.

Aug. 30 Registration and Industrial Orientation commences for first year Forest Resource Technology students.

Sept. 6 Labour Day, College closed.

Sept. 7 Fall Semester commences. NOTE: Fees are due and payable at the time of registration.
Last day for late Registration in University Transfer, Technical, and Community Education Services Courses and Programs is 14 days after the first day of classes.
Last day of Course, Section or Program changes is 14 days after Course, Section or Program has commenced. The only exceptions made will require written permission from a C.N.C. Counsellor and all Faculty concerned with the Course, Section or Program change.
(Students changing Laboratory Sections must receive permission from the Instructor and the Lab Demonstrator).

Sept. 21 OR 14 days after course has commenced. Last day for refund of 80% of Fall Semester tuition fees.

Oct. 5 OR 28 days after course has commenced. Last day for refund of 50% of Fall Semester tuition fees.

Oct. 8	Withdrawal Date. Students withdrawing after this date will receive a "W" if they are passing the course at the time of withdrawal or an "F" if they are failing the course at the time of withdrawal.
Oct. 11	Thanksgiving Day. College closed.
Nov. 11	Remembrance Day, College closed.
Dec. 6 - 10	Advance Registration for University Transfer and Technical Programs.
Dec. 17	Fall Semester ends. University Transfer and Technical Programs. NOTE: Some sponsored students may be required to attend classes December 20 to 24th and December 27 to 31st.
Dec. 25-26	Christmas and Boxing Day - College Closed.
Jan. 1	New Years Day - College Closed
Jan. 3	Vocational classes commence.
Jan. 10	University Transfer and Technical programs commence. NOTE: Fees are due and payable at time of registration. Last day for late Registration in University Transfer, Technical, and Community Education Services courses and programs is 14 days after the first day of classes. Last day of Course, Section or Program changes is 14 days after Course, Section, or Program you wish to enter has commenced. The only exceptions made will require written permission from a C.N.C. Counsellor and <u>all</u> Faculty concerned with the Course, Section or Program change. (Students changing Laboratory Sections must receive permission from the Instructor and the Lab Demonstrator).
Jan. 24	OR 14 days after course has commenced. Last day for refund of 80% of Spring Semester tuition fees.
Feb. 7	OR 28 days after course has commenced. Last day for refund of 50% of Spring Semester tuition fees.
Feb. 11	Withdrawal Date. Students withdrawing after this date will receive a "W" if they are passing the course at the time of withdrawal or an "F" if they are failing the course at the time of withdrawal.
April 8	Good Friday - College closed.
April 11	Easter Monday College closed.
April 22	Last day of classes. University Transfer and Technical Programs (excepting Forest Resource Technology).
April 25	First year Forest Resource Technology students commence West Coast Field School. Second year Forest Resource Technology students commence Field School.
May 6	First and Second year Forest Resource Technology Field Schools finish.
May 23	Victoria Day - College closed.
July 1	Dominion Day - College closed.

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As of March 31st, 1976, the Smithers School District #54 is affiliated with Northwest College, Terrace.

COLLEGE COUNCIL MARCH 1976

JAMES PRITCHARD	Prince George
MARY CHEN	Prince George
RUTH RUSHANT	Prince George
PATRICIA CLARK	Vanderhoof Nechako
GLENN BARR	Quesnel
CAROLYN JOHNSTON	Quesnel
LYNDON THURBER	Burns Lake
HARVEY MILNE	- Vanderhoof Nechako

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Power Engineering Recommended Secondary School courses:

At least two of General Mathematics, Physics, Drafting, Industrial Science, or Mechanics 11 highly recommended.

Practical Nursing Recommended Secondary School courses:

Grade 12, Biology 11 required.

Deposits and extra fees are now charged to students in the following Vocational programs:

Tool Deposit (Refundable) $10.00 - for students in:

Automotive Mechanical Repair (Pre-apprenticeship only)
Heavy Duty Mechanics
Heavy Equipment Operating
Welding
Power Engineering
Small Engine Repair

Book Deposit (Refundable) $10.00 for students in Basic Training for Skills Development (B.T.S.D.)

St. John's Ambulance Registration fee: $15.00 for Dental Assisting students.

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COMMERCIAL PROGRAMS ARE NOW KNOWN AS BUSINESS OFFICE TRAINING.

The Business Office Training program is up to 8 months duration.

Commercial Law, Report Writing, Business Mathematics, and Data Processing have now been deleted.

POWER ENGINEERING

Pre-Employment Program - Power Engineering

A pre-employment program intended to prepare persons for a career in Power Plant operation and maintenance. This course includes maintenance of powerhouse equipment, instrumentation, electricity, engineering sciences and water conditioning. While emphasis will be upon the practical application of the basic principles, sufficient theory will be covered to prepare students to write the Fourth Class Power Engineer's Examinations.

Pre-Enrollment Counselling

Due to the complexities of Provincial and Inter-Provincial legislation governing acceptable qualifying time served in industry, prospective students may wish to discuss their acceptability for certification prior to enrollment. The College faculty offer their assistance to students seeking advice regarding the prerequisites for compliance with legislation and mandatory regulations.

College Certificate

A College Certificate is awarded to students who satisfactorily complete the requirements of the program.

Pre-Employment Program Power Engineering

A 10 month Technical Career program. Power Engineering is a field of employment in which promotion is governed by the grade of the certificate.

Program Description

This program is offered to fill a need for entrants into the Power Engineering field at the Fourth Class level. The course has been structured to provide the graduate with the practical and theoretical knowledge required of a Fourth Class Power Engineer.

Length of Course

10 months, September to June

Course Content

(1) Power Engineering (Certificate Program)
(2) Mathematics and Applied Science
(3) Instrumentation
(4) Workshop
(5) Sketching and Blueprint Reading
(6) Steamplant Training
(7) Boiler Operation
(8) Electricity
(9) Report Writing

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Power Engineering Upgrade Program

Throughout the year C.N.C. will offer upgrading courses to the 4th, 3rd, 2nd and 1st class Power Engineering level. These will be on a continual intake basis from September to June. The C.N.C. Power Engineering curriculum includes British Columbia as well as Inter-provincial certification.

Government Certification

Upon the successful completion of this program, the graduate is qualified and prepared to write the examination for a Fourth Class Power Engineer's Certificate.

Prerequisites

At least two of General Mathematics, Physics, Drafting, Industrial Science, or Mechanics 11 preferred.

Students completing C.N.C. 040 Mathematics and C.N.C. 040 Physics will satisfy entry requirements.

General

Good command of communicative English, written and oral; good health, eyesight and hearing; good mechancial aptitude.

Dental Assistant

Requirements for admission:

Education: Grade 12. Biology 11 and Chemistry 11 required.

General: Applicants are reminded that due to the high academic requirements and large number of applicants to the Dental Assisting program, students with better than average high school grades will receive admission priority.

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Heavy Equipment Operating now includes the option of a Class II Operators License and Motor Vehicle Branch Air Ticket.

Extra Tuition: Class II License $22.00
M.V.B. Air Ticket $15.00

Education Pre-requisites for Admission to the Practical Nursing Program

Grade 12 with Biology 11. Applicants are reminded that due to the high academic requirements and large number of applicants to the Practical Nursing Program, students with better than average high school grades will receive admission priority.

PROFESSIONAL SECRETARY'S DIPLOMA COURSE

SEMESTER I

Typewriting
Shorthand
Office Practice
English
Business Machines and Dictaphone

SEMESTER II

Typewriting - 55 Nwpm
Shorthand 100 Wpm
English 152
General Business Law Bus. 163
One elective from list

SEMESTER III

Introduction to Economics	Econ. 153-3
Accounting I	Bus. 151-3
Organizational Behavior	Bus. 274-3
General Psychology	Psyc. 151-3
Data Processing	EDP 151-3

SEMESTER IV

Accounting II	Bus. 152-3
Personnel Administration	Bus. 275-3
Three electives from list	

ELECTIVES TO BE CHOSEN FROM THE FOLLOWING:

Business Fundamentals I	Bus. 153-3
Business Fundamentals II	Bus. 154-3
Business Procedures	Bus. 156-3
Intermediate Accounting I	Bus. 251-3
Intermediate Accounting II	Bus. 252-3
Computer Programming I	EDP 152-3
Mathematics of Finance	Math. 154-3
General Psychology II	Psyc. 152-3
Business Psychology	Bus. 165-3

or

Any two University Transfer courses.

/ed

College of New Caledonia Diploma Nursing Program

Length of Program:

2 years.

Admission Requirements:

1. B.C. grade 12 graduation or equivalent, including Chemistry 11, Biology 11, Mathematics 11, and one Science 12. Biology 12 preferred. Preference for admission will be given to applicants with the highest academic standing.

2. Two letters of reference will be required from:

   a) Senior Secondary School Counsellor or Principal.

   b) Responsible member of the community who will comment on the applicant's suitability for nursing.

3. Mature students will be admitted on an individual basis, but in no event will a mature student be admitted without the minimum science prerequisite one senior secondary school science at the 12 level.

4. Students will be strongly encouraged to discuss their career choice with a College counsellor.

5. Students will be expected to have completed any necessary dental work prior to the start of classes.

6. Completed statements regarding physical examinations and immunizations will be required prior to registration.

Admission Policies:

1. Age, sex and marital status are not factors in selecting students for admission.

2. New classes will start annually within the first two weeks in September.

3. Completed applications, together with required documentation, must be received by the College prior to May first of the year in which the applicant is applying for admission.

4. Priority for admission will be given to residents of the College region and B.C.

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Log Building Construction is no longer offered at the College of New Caledonia.

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Business Administration and Data Processing Programs

Semester I

Human Relations, Psyc 153, is replaced in the Business Administration and Data Processing programs by Business Psychology, Bus 165-3.

Semester 3

Introduction to Statistics, Math 104-3, replaces An Introduction to Business Statistics, Math 157-3.

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Construction Technology

Semester I

Technical Mathematics for Construction Technologists, Math 156-3, is now replaced by Technical Mathematics I, Math 151-3.

Semester 3

Human Relations, Psyc 153-3, is now replaced by Business Psychology, Bus 165-3.

Requirements for Admission

Math 11, Physics 11, or Industrial Science 12, or permission of the instructor.

Semester Two of Construction Technolgoy - Now requires one elective only.

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Early Childhood Eduation

At the time of printing, details of the Early Childhood Education program were unavailable. Interested students should contact the C.N.C. Student Services office in August 1976 for availability of E.C.E. courses.

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Forest Resource Technology

Drafting 11 is now not considered a prerequisite for admission to the Forest Resource Technology program.

Forest Resource Technolgoy students are responsible for the fees associated with the B.C. Interior Log Scaler's examination. (Fourth Semester) 1976 Examination Fees, $25.00

Forest Resource Technology

Semester 2

Technical Mathematics, Math 151-3, is now correctly titled Technical Mathematics I.

Semester 3

Technical Writing Engl 251-3 has been deleted.

Semester 4

Introduction to Statistics Math 104-3, replaces An Introduction to Business Statistics, Math 157-3.

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Medical Laboratory Technology

Intersession Semester

The Biochemistry course for Medical Lab Technology students is entitled Fundamentals of Immunology, Bio 163-3.

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Students are reminded that for the 76/77 Academic year there may be an increase in tuition fees plus a charge for Laboratory and Workshop materials.

Students are reminded that there may be a Student Association fee for the 1976/77 school year.

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Two transcripts are issued upon request, free of charge. Additional transcripts are $1.00 each.

Withdrawal Policy

Students who wish to withdraw from a course or program of study without incurring an "F" grade must complete the withdrawal form available from the Counsellor.

Students may withdraw and receive a "W" grade between the dates indicated in the college calendar.

Students withdrawing after the prescribed dates will receive a "W" if they are passing the course at the time of withdrawal or an "F" if they are failing the course at the time of withdrawal.

Students wishing to transfer to the Faculty of Education at the University of Victoria are asked to note the following requirements:

English 103-3 plus 1 of English 101-3 or 102-3
Mathematics 101-3 and 102-3, or Mathematics 103-3 and 104-3
Six semester hours of a Lab science (Biology, Chemistry, Physics, Geology).
Plus 2 of Geography 101-3, 201-3, 203-3, 205-3;
or Anthropology 103-3, 104-3;
or History 103-3, 104-3

The following course descriptions are alphabetically listed and are only courses which differ significantly from those in the 1975/76 calendar.

ANTHROPOLOGY

ANTH 101-3 CULTURAL & SOCIAL ANTHROPOLOGY (F)

A comparative study of cultural institutions and cultural behaviour, including such topics as social structure, folklore, language, art, religion, economics, marriage and family, and politics. (3,0)

ANTH 102-3 EVOLUTION OF MAN & CULTURE (S)

An introductory survey of physical anthropology and archaeology, including such topics as origins of man and culture, nature of race, and development of culture. (3,0)

ANTH 201-3 SOCIAL STRUCTURE I ETHNOGRAPHY (F)

Review of structural functional theory and method. Survey of structural functional ethnographies and the examination of societies of various subsistence bases, geographical milieux, kinship organization and political structures.

Prerequisite: Anthropology 101-3, 102-3, or equivalent. (3,0)

ANTH 202-3 SOCIAL STRUCTURE II THEORY & METHOD (S)

Examination of major concepts used in structural anthropology (role, social structure, institution, etc.). Use of concepts in comparative work. Examination of research techniques and research problems.

Prerequisite: Anthropology 201-3. (3,0)

ART 166-3 DRAWING II (S)

A continued progression of basic drawing through figured anatomical, multiple media, and all major advanced drawing approaches.

Prerequisite: Art 165-3 or by permission of instructor. (3,3)

ART 167-3 BASIC DESIGN IN OFF-LOOM TECHNIQUES I (F)

A design course structured around non-loom and primitive fibre manipulation in which students will study design fundamentals and colour theory as applied to textile design. Some areas covered will be finger weaves, knotting, macrame, primitive looms, inkle and basketry forms.

Prerequisite: Art 161 or permission of instructor.
Corequisite: Art 161 (3,3)

ART 168-3 BASIC DESIGN IN OFF-LOOM WEAVING TECHNIQUES II (S)

A basic design course structured around primitive off-loom techniques. Students will study design fundamentals and colour theory in relation to textiles. They will receive aid and instruction in building and weaving on simple looms. Included will be a historical survey of ancient looms and weaving techniques.

Prerequisite: Art 167-3 or permission of instructor (3,3)

ART 171-3 SCULPTURE (F)

Sculpture I is a first year course exploring three-dimensional concepts, experiencing new materials and helping students develop their own means of expression. (0,3)

ART 172-3 SCULPTURE II (S)

A continuation of Art 171-3

Prerequisite: Art 171-3 (0,3)

Art 252-3 CONTEMPORARY ART HISTORY (S)

A wide coverage of Contemporary Art trends with effort to uncover the existence and motivations which have influenced them.

Prerequisite: Art 251-3 or permission of the instructor (3,0)

ART 271-3 WEAVING I (F)

Weaving on a multi-harness loom. Basic techniques in weaving, designing and drafting.

Prerequisite: Art 168-3 or by permission of instructor (3,3)

ART 272-3 WEAVING II (S)

A continuation of Art 271, proceeding beyond the fundamentals to a creative exploration of the potential of the multi-harness loom.

Prerequisite: Art 271-3 (3,3)

ART 281-3 INDEPENDENT STUDY I (F,S,)

Students taking Art 281 must have completed credits to qualify for a C.N.C. diploma in Fine Arts. In co-operation with the instructor the student will plan a major artistic production culminating with an exhibition.

Prerequisites: Completion of a series of Fine Arts courses in either drawing, painting, textiles, sculpture, photography, ceramics, plus Instructor's permission. (2,6)

ART 282-3 INDEPENDENT STUDY II (S)

A continuation of Art 281-3 that will terminate in an exhibition.

Prerequisites: Completion of a series of Fine Arts courses in either drawing, painting, textiles, sculpture, photography, ceramics plus instructor's permission.
Art 281-3 (2,6)

BIOLOGY

BIO 104-3 BIOLOGY FOR NON-MAJORS II (S)

Similar in intent to Biology 103-3. Topics covered are ecology, diversity among plants and animals and economic biology. (3,3)

BIO 163-3 FUNDAMENTALS OF IMMUNOLOGY (I)

Principles of Immunology with emphasis on medical laboratory application. Topics covered include antigen-antibody reactions, hypersensitive states and autoimmune diseases, etc. (2,1)

BIO 201-3 CELL STRUCTURE (F)

Beginning with experimental techniques, this course covers physical and chemical aspects of biological structure in procaryote and eucaryote cells as well as in virus particles. Additional topics include cell events (mitosis, meiosis and movement) and correlations of structural diversity with functional specialization.

Prerequisites: Biology 101-3 and Biology 102-3; Chemistry 101-3 and Chemistry 102-3 OR Chemistry 103-3 and Chemistry 104-3.

Corequisites: Chemistry 203-3 (3,0)

BIOLOGY (Cont'd)

BIO 203-3 INTRODUCTION TO ECOLOGY (F)

The organism and its abiotic and biotic environment will be introduced followed by a more complete analysis of energy flow and the cycles of various organic and inorganic materials. Intraspecific and interspecific relationships of organisms will be developed. An introduction to the biome concept and the influence of man on his environment will be considered.

Prerequisites: Biology 101 & 102; or Biology 103 & 104; and 1 year College Chemistry. (3,0)

BIO 204-3 INTRODUCTION TO GENETICS (S)

This introductory course will cover classical genetics, molecular genetics, genetics of populations and human genetics. The use of statistics in genetics will be introduced where applicable.

Prerequisites : Biology 101 & 102; or Biology 103& 104; and 1 year College Chemistry (3,0)

BIO 205-3 INTRODUCTION TO MICROBIOLOGY I (F)

A historical perspective of microbiology, followed by topics which will include bacterial cell structure and its relation to function, bacterial growth kinetics and a survey of the lower protists. An introduction to virology and bacterial metabolism, including environmental factors which affect microbial growth and survival will also be presented

Prerequisites: Biology 101 and Biology 102

Corequisites: Chemistry 203 (3,3)

BIO 206-3 INTRODUCTION TO MICROBIOLOGY II (S)

This course will include an introduction to the genetics of bacteria and viruses; sporulation as a form of bacterial differentiation; immunology, including both antibody and cellular responses to anitgen and an analysis of host-parasite relationships.

Prerequisites: Biology 205

Corequisites: Chemistry 205 (3,3)

BUSINESS

BUS 103-3 BUSINESS FUNDAMENTALS (F)

An introductiory course concerned with Canadian business. The Canadian business system and environment are covered, as are the major functional and decision areas within the firm (i.e. Finance, Marketing, Personnel, Production, and Managament). Lectures and discussions. Discussions will be of current articles concerning Canadian Business, and of current Canadian business cases. (3,0)

BUSINESS (Cont'd)

BUSINESS 153 BUSINESS FUNDAMENTALS I (F)

An introduction to business. The course will present a management overview of the financial, personnel, marketing, and production functions in business, and will provide a basic background in the areas of business law. Basic techniques for analysis in the four major functional areas will be introduced in the course (i.e. Finance - major objectives: basic techniques in cash flow forecasting, profitability analysis, and cost control, for example).

Extensive use will be made of business cases (including some from local businesses), selected readings, films, discussions, guest lecturers. (2,2)

BUSINESS 274 ORGANIZATIONAL BEHAVIOUR

A multidimensional approach to understanding the human problems of business organizations. The areas of determinants of behaviour, actual behaviour and the consequences of behaviour are examined in detail with the objective of improving skill at diagnosing behavioural situations. Specific topics include group behaviour, individual behaviour, leadership, communication and introudction of change. (2,2)

CHEMISTRY

CHEM 201-3 PHYSICAL CHEMISTRY (F)

A discussion of the laws of thermodynamics followed by equilibrium thermodynamics of gases and solutions.

Prerequisites: Chemistry 101 and either Chemistry 102 or 104; OR Chemistry 103 and either Chemistry 102 or Chemistry 104.

(3,3)

CHEM 202-3 INORGANIC AND COORDINATION CHEMISTRY (S)

The Chemistry and structure of coordination compounds is discussed. Quantum mechanics' methods and results are introduced.

Prerequisites: Chemistry 101 and either Chemistry 102 or 104: OR Chemistry 103 and and either Chemistry 102 or 104.

C.N.C. STUDY SKILLS

CNC 154-0 DIRECTED STUDIES (F,S)

An individual approach enabling students to improve study habits, writing, reading and all areas of learning. This is achieved through peer contact and counselling involving the study skills and counselling Instructors.

CNC 155-0 STUDY MANAGEMENT (F,S)

A mini course group approach to be given during orientation and throughout the school year. Areas to be covered either partially or in their entirety are: - Study management Major course/related skills Auxiliary course skills - Attitudes, interests and habits.

ENGLISH

ENGL 103-3 COMPOSITION AND STYLE (F,S)

A study of grammar, composition, and style. Students are required to submit at least five essays plus a variety of writing assignments or exercises dealing with specific problems in essay writing.

(3,0)

FRENCH

FREN 101-3 INTERMEDIATE COLLEGE FRENCH I (F)

This course consists of three parts: 1) A review of the essential structures of French grammar, 2) French conversation, 3) Exercises in comprehension of oral French. Conversation classes will be based on current social issues. The course is conducted in French.

Prerequisite: B.C. Grade 12 French or equivalent. (3,1-1/2)

FREN 102-3 INTERMEDIATE COLLEGE FRENCH II (S)

This course consists of three parts: 1) Continuation of review of the essential structures of French grammar, 2) writing practice, 3) literary analysis. The course is conducted in French.

Prerequisite: French 101-3 or equivalent (3,1-1/2)

FREN 103-3 INTRODUCTION TO COLLEGE FRENCH I (F)

Simple grammatical constructions and syntax are developed in the context of idiomatic French, using an active audiolingual method. Selected readings in French literature form part of the material in this course.

Prerequisites: B.C. Grade 11 French or equivalent (3,1-1/2)

FREN 104-3 INTRODUCTION TO COLLEGE FRENCH II (S)

A continuation of French 103-3.

Prerequisite: French 103 or equivalent (3,1-1/2)

FREN 151-3 CONVERSATIONAL FRENCH (F)

An intermediate conversation course for people who have had between 2 and 4 years of secondary school French. This course will review the rudiments of the French language including pronunciation, grammatical structures, verb forms, and vocabulary using French dialogues as a starting point. Conversation based on themes and vocabularies established in the text or in class will be undertaken in one of the two weekly meetings of this course.

Prerequisites: 2 years Secondary School French or permission of instructor. (2,1)

FREN 152-3 CONVERSATIONAL FRENCH (S)

A continuation of French 151-3

Prerequisites: French 151 or permission of the instructor. (2,1)

FREN 201-3 ADVANCED COLLEGE FRENCH I (F)

Extensive conversation and dissertation will be based on a chronological survey of French literature from the middle ages to the end of the seventeenth century. There will also be a review of grammar and syntax through compositions and translations, to allow further development in this language.

Prerequisites: French 102 or equivalent or permission from instructor. (3,0)

FREN 202-3 ADVANCED COLLEGE FRENCH II (S)

A continuation of French 201-3. French literature from the 18th Century to the present forms the basis of this course.

Prerequisites: French 201 or equivalent. (3,0)

GEOGRAPHY

GEOG 101-3 MAN'S SENSE OF PLACE: AN INTRODUCTION TO GEOGRAPHY (F,S)

The course serves as an introduction to the development, structure, concepts and methods of Modern Geography; emphasis being given to four distinct traditions: the Man/Land, Spatial, Regional, and Cultural/Historical approaches to the discipline

(3,3,)

GEOG 103-3 CANADA: SOME GEOGRAPHICAL PERSPECTIVES (F,S)

The theory and concepts of the "the regional method" are applied to Canada. Emphasis is given to an examination of resource development and resource policy in Canada, using an historical perspective, with particular consideration given to the North.

(3,0)

GEOG 161-3 THE PHYSICAL LANDSCAPE OF THE CENTRAL INTERIOR (F)

This course, for the layman, examines the evolution of the physical landscape of the Central Interior by considering geological make-up, river basins and valleys, glaciation, and climate/vegetation. Students will be made aware of information sources by using maps, air photos, and publications in lab sessions.

(1,2)

GEOG 201-3 WEATHER AND CLIMATE (F)

The major concepts in the sub-disciplines of meteorology, climatology, biogeography (vegetation and soils) and geomorphology (land forms) are introduced. Analysis will be made of processes, distributions, and interrelationships.

Prerequisites: Geography 101 and 103 or permission of instructor. (3,3)

GEOG 203-3 ECONOMIC GEOGRAPHY (F)

A geographic view of economic activities and behaviour, using both a "systems" and "behavioural" approach. Traditional and more recent theories of Economic Geography will be examined in the light of these two approaches.

Prerequisites: Geography 101 and 103 or permission of the Instructor (3,0)

GEOG 205-3 THE EVOLUTION OF THE CULTURAL LANDSCAPE (S)

An investigation of the dynamic nature of the Man/Land Relationship in terms of cultural, sociological, institutional, and psychological influences upon Man's use and organization of his environment.

Prerequisites: Geography 101 and 103, or permission of Instructor (3,0)

GEOLOGY

GEOL 172-3 ADVANCED PROSPECTING (S)

Topics covered will include: review of basic minerals and rock types, introduction to the industrial, strategic and aerospace minerals, interpretation of maps and air photos, mineralization and mineral provinces, geochemical and geophysical prospecting techniques suitable for the prospector.

Prerequisites: Geology 171, Dept. of Mines Introductory Prospecting Course or some prospecting experience. (2,4)

GEOL 201-2 ENVIRONMENTAL GEOLOGY (F)

This course will consider the nature and importance of geological information in physical problems of man's interaction with his environment. Topics included are urban geology and natural hazards, pollution and geological processes, and problems associated with natural resource utilization.

Prerequisites: Geology 101, Geology 102 or permission of the instructor (2,0)

HUMANITIES

HUM 101-9 HUMANITIES I (F)

A non-disciplinary program of liberal education

Prerequisite: Permission of the instructors (9,3)

HUM 102-9 HUMANITIES II (S)

A continuation of Humanities 101-9

Prerequisite: Humanities 101 or permission of the instructors (9,3)

HUMANITIES

Humanities is a non-disciplinary program based on a reading list of significant works of literature, philosophy, history, etc. The program and reading list are organized around a general theme, but within the program there are no barriers between subject areas. The program is designed to provide the first year student with comprehensive practice in reading major works intelligently and in thinking, talking, and writing about those works. Considerable emphasis is placed on essay-writing: five major essays per semester are required.

Humanities is team-taught by two or more instructors of different academic specialization. The instructors use both lecture and seminar formats and meet frequently with students on an individual basis to assess progress and help with difficulties.

A limited number of students will be accepted into the Humanities program. The program carries credit for three courses per semester and demands a proportionate amount of student's time. In order to receive credit for a full first year, the student must take two additional courses each semester.

Students interested in this program should obtain a more detailed outline from either the counsellors or one of the Humanities instructors.

NOTE: The Humanities program is most beneficial to the student who remains in the program for both semesters (i.e. Humanities 101 and 102). Students who enter the program in the Fall semester are strongly encouraged to commit themselves to remaining in the Humanities program for both Fall and Spring semesters.

MATHEMATICS

MATH 100-3 COLLEGE MATHEMATICS (F)

The topics in this course include an intensive review of algebra, followed by the Binomial Theorem, functions and relations and their graphs, inverse functions, exponential and logarithmic functions, analytic geometry, conics and trigonometric functions.

Prerequisite: Grade 11 academic Math or permission of the instructor (3,1)

MATH 101-3 INTRODUCTORY CALCULUS (F,S)

An introduction to the concepts, techniques, and applications of differential and integral calculus.

Prerequisite: B.C. Math 12 (3,1)

MATH 102-3 CALCULUS AND LINEAR ALGEBRA (F,S)

This course is a continuation of Math 101-3 with an introduction to linear algebra.

Prerequisite: Math 101 (3,1)

MATH 151-3 TECHNICAL MATHEMATICS I (F,S)

Topics will be drawn from the following general areas: functions and their graphs, exponents and logarithms, quadratic equations, plane geometry, trigonometry with applications, vector analysis with applications.

Prerequisite: S Standing in Math 150-3 (3,0)

MATH 161-3 MEDICAL LAB TECHNOLOGY MATHEMATICS I (F)

Fast review of algebra, linear and quadratic equations, systems of equations, functions, logarithms, logarithmic and exponential functions with applications. The use of electronic calculators.

Prerequisite: B.C. Math 12 (3,0)

MATH 162-3 MEDICAL LAB TECHNOLOGY MATHEMATICS II (S)

Graphs, slopes, the derivative, techniques of differentiation, integrals, techniques, simple differential equations, med. lab applications.

Prerequisite: Mathematics 161 (3,0)

MATH 201-3 CALCULUS III (F)

Algebra and Geometry of IR^N , vector functions and their derivations, functions and their derivatives, functions of several variables, partial differentiation, gradient, derivatives as linear maps, implicit function theorem.

Prerequisites: Mathematics 102-3 (3,0)

MATH 202-3 CALCULUS IV (S)

Multiple integrals, vector fields, line and surface integrals, Green's theorem, complex numbers and functions, introduction to differential equations.

Prerequisites: Mathematics 201-2 (3,0)

MATH 203-3 INTRODUCTION TO ANALYSIS (S)

Elementary Logic, Induction, Sequence, Limit, Completeness, Continuity, Differentiability, Supremum and Infimum, Uniform Continuity, Some Theorems of the Calculus.

Prerequisites: Mathematics 101 and 102 (3,0)

MATH 204-3 LINEAR ALGEBRA (F)

Vector spaces, Linear equations, Bases, Dimension, Inner Product Spaces, Linear Transformations and Matrices, Determinants, Eigenvectors and Eigenvalues, Applications.

Prerequisites: Mathematics 101 and 102 (3,0)

MUSIC

MUS 104-3 HISTORY OF MUSIC II (S)

A continuation of Music 103, covering the development of musical forms, styles, and techniques from 1750 to present.

Prerequisites: Music 103-3 (3,1)

PHYSICAL EDUCATION

P.E. 102-2 OUTDOOR ACTIVITIES (S)

An introductory course in orienteering, downhill skiing, cross country skiing, and snowshoeing. Emphasis will be on methods and teaching techniques for beginners.

PHYSICS

PHYS 101-3 INTRODUCTORY PHYSICS I (F)

Mechanics including vector, linear kinematics, circular motion, dynamics, energy, momentum, relativity, SHM, gravity, properties of matter, temperature, heat, simple kinetic theory, introductory thermodynamics.

Prerequisite: Mathematics 12 and Physics 12 or permission of instructor

Corequisite: Mathematics 12 (3,3)

PHYS 102-3 INTRODUCTORY PHYSICS II (S)

Electricity and magnetism including charges, electric field, magnetic field, electric current and circuits, light atomic physics, nuclear reaction.

Prerequisites: Physics 101 or Physics 105 with permission of instructor

Corequisites: Math 102-3 (3,3)

PHYS 202-3 ELECTRICITY AND MAGNETISM (S)

Topics include electrostatic charges, the Electric Field, Gauss' Law, the electric potential, capacitance, current and resistance, electric circuits, A.C. circuits, the magnetic field, Ampere's Law, Faraday's Law.

Prerequisites: Physics 102 or 106 (3,0)

PHYS 203-2 GENERAL LAB (S)

A series of experiments designed to demonstrate concepts of mechanical, electrical, heat and modern physics. Experiments include the use and design of meters, LCR circuits, temperature measurement, and the determination of a radioactive half-life. One experiment is designed by the student.

Prerequisite: Physics 101 and 102; or Physics 105 and 106 (0,6)

PHYS 204-3 MECHANICS

The topics studied include vectors, kinematics, dynamics of a particle, moving reference systems, special theory of relativity, central forces and celestial mechanics, dynamics of a system of particles, dynamics of rigid bodies, Lagrange's equations (optional) and vibrations.

Prerequisites: Physics 101 or 105; and Math 101 (3,0)

POLITICAL SCIENCE

POSC 101-3 INTRODUCTION TO POLITICAL SCIENCE I (F)

An examination of concepts and issues in Political Science, through lectures, discussions, readings, and research papers. (3,0)

POSC 102-3 INTRODUCTION TO POLITICAL SCIENCE II (S)

An examination of theories and methods in Political Science, through lectures, discussions, readings and research papers. (3,0)

POSC 201-3 THE GOVERNMENT OF CANADA (F)

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

POSC 202-3 SELECTED PROBLEMS IN CANADIAN POLITICS (S)

A study in depth of the major issues in Canadian politics; federalism in theory and practice, nationalism and political nationality, cultural duality, separatism and regionalism, and similar issues of interest to students.

Prerequisite: Political Science 101-3 (3,0)

POSC 203-3 CONTEMPORARY IDEOLOGIES (F)

A study of the major political ideologies such as nationalism, conservatism, liberalism, socialism, anarchism, communism, fascism, democracy, and the new left. (3,0)

POSC 204-3 POLITICS AND SOCIAL LIFE

An introduction to theories and methods of political analysis and their application to the study of social, cultural, and psychological context of political behaviour.

Prerequisites: Political Science 101-3 or 102-3 (3,0)

PSYCHOLOGY

PSYC 201-3 EXPERIMENTAL PSYCHOLOGY I (F)

This course covers the basic principles of descriptive and inferential statistics and their application in psychological research. Highly recommended for majors in Psychology.

Prerequisites: Psychology 101-3 and 102-3; Grade 12 Mathematics or first year College Mathematics

Corequisites: Mathematics 103-3 or Mathematics 100-3 (if prerequisite is not met) (3,3)

PSYC 206-3 DEVELOPMENTAL PSYCHOLOGY II (S)

The growth and development of the individual during adolescence, adulthood and senescence, including developmental theory as well as the factors affecting development during these periods. (3,0)

SOCIOLOGY

SOC 101-3 INTRODUCTION TO SOCIOLOGY I (F)

A general introduction to the philosophical and historical background of sociology; method and theory; basic concepts used in the analysis of society, such as culture and society, groups, socialization, classes, minorities, collective behaviour and urbanization. (3,0)

SOC 102-3 INTRODUCTION TO SOCIOLOGY II (S)

Continuation of Sociology 101; an analysis of the structure and function of social institutions, such as the family, religious institutions, education, economic institutions, political structure, and theories of social change.

Prerequisite: Sociology 101-3 (3,0)

SOC 203-3 CANADIAN SOCIETY I (F)

A detailed sociological, anthropological, and literary analysis of Canadian Society, including such topics as occupations, social classes, social groups, authority and political behaviour, social stratification, and deviant behaviour.

Prerequisite: Introductory Sociology (3,0)

SPANISH

SPAN 101-3 INTRODUCTION TO SPANISH I (F)

An audio-lingual introduction to Spanish, designed to equip the student with the basic knowledge for communicating in Spanish. (3, 1½)

SPAN 102-3 INTRODUCTION TO SPANISH II (S)

A continuation of Spanish 101

Prerequisite: Spanish 101 (3, 1½)

SPAN 151-3 CONVERSATIONAL SPANISH (F)

An introduction to practical conversation based on an active audio-lingual method. At the same time giving the student some appreciation of the life and the culture of Latin-America and Spain

Prerequisite: Spanish 101 or permission of the instructor (2,1)

Spanish - cont'd

SPAN 201-3 INTERMEDIATE SPANISH I (F)

A review of basic structures of Spanish and readings in Spanish and Spanish conversation.

Prerequisite: Spanish 102 (3,1½)

SPAN 202-3 INTERMEDIATE SPANISH II (S)

A continuation of Spanish 201

Prerequisite: Spanish 201 (3, 1½)

Students from School District #54, (Smithers), are not now considred IN REGION students.

Grades and Grade Points

University Transfer courses use letter grades A, B+, B, C+, C, P, F only.

College credit courses may be graded with letter grades or the following:

S - Satisfactory, College credit granted
U - Unsatisfactory, no credit granted.

FACULTY & ADMINISTRATION

H. Allgaier	B.A., M.A.	English
E. Anderson	B. Sc.	Medical Laboratory Technology
L. Anderson		Welding
L. Backman		Dental Assistant
M. Baehr	B.A.	Business Office Training
C. Bardal	B.S.F., R.P.F.	Forestry
M. Barrena	B.A., M.A.	Spanish
P. Beckmann	B. Sc., M. Sc.	Mathematics
D. Blacker		Millwright
W. Blits		Small Engine Repair
L. Boyd		Business Office Training
B. Broeksma		Millwright
L. Bryce	R.N.	Practical Nursing
S. Burgess		Heavy Equipment Operator
D. Chipman		Business Administration
J. Cloe	B.A., M.A.	Psychology
J. Connors	B. Sc.	B.T.S.D.
K. Conroy	B.A., M.A., M.S.W.	Counsellor
M. Croken	R.N.	Practical Nursing
J. Crow	B. Sc., Ph. D.	Chemistry
A. Cunningham		Basic Logging
A. Danesh	B.A., M.A.	Political Science/Sociology
K. Dawson	Regional Director, Community Education	Vocational Division
A. Dayle		Dean of the Vocational Technical Programs
A. Deas	B. Sc., M. Sc.	Physics
L. Denter		Bursar
B. Dickens	B.S.F., R.P.F.	Forestry
A. Dumas	B. Sc., P.Eng.	Construction Technology
B. Dunsmore	B.S.F.	Forestry
P. Durkee	B.B.A, M.A.	Economics
E. Faulkner	B. Sc., M.Sc., Ph.D.	Geology
J. Forster	P.Eng.	Power Engineering
C. Fortin		Welding
K. Friedrich	B.Sc.N.	Practical Nursing
B. Garrett	B.A., M.A., Ph.D.	Psychology
M. Gee	B. Ed., Comm. Cert. F.T.M. (Dip.)	B.T.S.D./C.N.C. Preparatory Program
F. Gelin	B.A., M.A., Ph.D	Dean of Arts & Science Divis
E. Genser	B.Ed., M.Ed.	Art
J. Gillespie	B.S.F.	Forestry
G. Girvan	B.A., M.A.	French
R. Green	B. Com., C.A.	Business Office Training/ Business Administration
J. Harris	B.A., M.A., Ph.D.	English
G. Heinzmann	R.N.	Practical Nursing

S. Husband	B. Com., B.L.Sc. M.B.A.	Librarian
G. Ingalls	B.A.	Philosophy
R. Insley	B. Sc., M. Sc.	Mathematics
G. Jackson		B.T.S.D.
C. Jarosch	B.S.A.	Biology
J. Jensen		Electrical
J. Keefe		Forestry
C. Lee	B.A., M.Sc., PhD.	Mathematics
F. Leonard	B.A., M.A.	History
A. Leveridge	Dip.Tech., C.I.M., C.D.P.	Director Computer Center
M. MacAulay	B.A., M.A.	English
T. McDonald	B.Sc., M.A.	Psychology
B. McKinnon	B.A., M.A.	English
A. McVey	M.A., M.A.	Geography
R. Maida	B.A., M.S.	Counsellor
J. Malbonneuve	R.N.	Practical Nursing
B. Malcolm	B.Sc., M.Sc.	Chemistry
M. Maloney		Commercial
R. Martin		Welding
R. Miller	B.Sc.	Business Administration
V. Nau	B. Sc.	B.T.S.D.
R. Nelson	B.Sc., M.Sc., PhD.	Physics
F. Nordin		Business Office Training
E. Peacock		Drafting
G. Powers		Automotive
P. Ramsey	B.A., M.A.	English
I. Reaugh		Basic Logging
E. Ritch	B.Sc.	B.T.S.D./C.N.C. Preparatory Program
P. Roberts	B.P.E.	Counsellor
P. Robinson	B. Com., M.B.A.	Business Administration
D. Rubadeau	B.A., M.Sc., Ed.D.	Psychology
W. Rush	B. Sc.	B.T.S.D./C.N.C. Preparatory Program
L. Sampson	B.A., B.S.W., M.S.W.	Business Administration
T. Sawtell	B.A., M.Ed.	Study Skills
R. Scales	B.A., M.Ed.	Dean of Student Services
K. Sedgwick	B.A., M.A.	Geography
P. Seans	B.A., M.A., M.L.Sc.	Librarian
S. Shaffer	B.A., M.A.	English
J. Sketchley		Heavy Duty Mechanic
F. Snaychuk		Heavy Equipment Operator
F. Speckeen	B.A., B.D., Ph.D.	Principal
T. Stageberg	B.S.Ed., M.Ed.	Study Skills
S. Stefanson		Basic Logging
B. Stevenson	B.A., M.S., Ph.D.	Biology
H. Stobbe		Log Building
E. Stringer	B.Sc.N.	Practical Nursing

N. Tarrant		Dental Assisting
B. Thair	B.A., M.A., Ph.D.	Biology
J. Therres		Power Engineering
R. Thorsen	B.P.E., M.P.E.	Recreation Co-ordinator
T. Toulson	B.A., M.A.	Dean of Community Education Services
V. Trevellyan	B.F.A., M.F.A.	Art
P. Trushel	B.A., Ph.D.	Mathematics
G. Tunnell	B.S., M.A.	Anthropology
J. Waters	B.A., M.A.	English
B. Watters	B.A.Sc., P.Eng., R.P.F.	Forestry
K. White	B.A., M.A.	Theatre