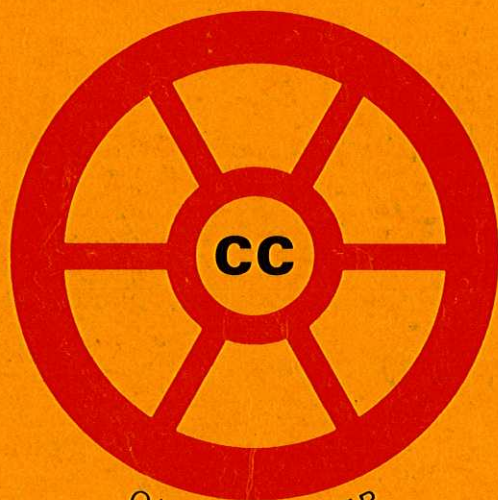


Cariboo College



QUANSEM ILEP

Inaugural Year

CALENDAR 1970-1971

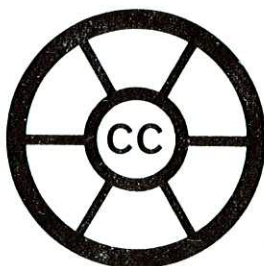
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Cariboo College

CALENDAR 1970 - 1971

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QUANSEM ILEP

INAUGURAL - YEAR

As this Calendar is published a considerable time before the commencement of the Fall Semester, Cariboo College reserves the right to change any regulation, requirement or statement as circumstances may require. This includes addition or cancellation of courses.

P.O. Box 860,
Kamloops,
British Columbia.
Telephone: 374-6294

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CARIBOO COLLEGE

In 1962 the first positive action occurred which led ultimately to the establishment of Cariboo College. A brief was presented to Dr. J. B. Macdonald on behalf of the communities in the Mainline-Cariboo area. The proposals were included in Dr. Macdonald's Report on Higher Education in British Columbia.

In November, 1964, the first brief drawn up by the Mainline-Cariboo Regional College Committee, was presented to the Minister of Education, and it is interesting to note, in the light of subsequent developments, that the brief proposed a comprehensive college involving the integration of the College and the incoming Kamloops Vocational School.

A very active Committee for Higher Education made up of Kamloops citizens assisted the local educational authorities in pressing for both the College and the Vocational School, and the College owes them a debt of gratitude for their efforts.

The Mainline-Cariboo Branch of the British Columbia School Trustees Association also played a very important role in the development of the College, and was instrumental in reestablishing the Regional College Committee which started a new campaign in March, 1968, aimed at the inauguration of a College for the area.

Toward the end of 1968 a new brief was presented to the Minister of Education on behalf of the five School Districts of Kamloops, Barriere, Birch Island, Williams Lake and Lillooet. This brief received a favourable reaction from the Department of Education, it was amended a month or so later to include the South Cariboo School District.

The Council of Public Instruction, early in 1969, gave permission for the six School Districts to hold a plebiscite to determine the wishes of the people. In March, this plebiscite was passed in all six districts by a very convincing majority vote.

In October, 1969, the Cariboo College Council was established with the approval of the Council of Public Instruction, and on January 1st, 1970, the Principal was appointed.

It was decided to inaugurate the College in September, 1970.

Throughout the long history of pre-College development, the College Committee worked in a most diligent and co-operative fashion, and received the constant encouragement of the Trustees of the six Boards.

The philosophy of the Cariboo College has been established over the years by the public commitments to comprehensiveness by the six School Boards. This College will provide a comprehensive program aimed at meeting the needs of the communities which it serves. It will bring to the public courses of an academic, technical, vocational, professional, cultural and general interest nature. The College will look for widespread community participation.

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CARIBOO COLLEGE COUNCIL

D.O. SUMMERS, Chairman

Representing School District No. 24 (Kamloops)

L.R. REDFORD, Vice-Chairman

Appointed by Lieutenant-Governor-in-Council

McG. ALLEN

Representing School District No. 25 (Barriere)

A.R. FORSYTH

Representing School District No. 26 (Birch Island)

MRS. A. STEVENSON

Representing School District No. 27 (Williams Lake)

MRS. I. EDWARDS

Representing School District No. 29 (Lillooet)

A.N. McLAUGHLIN

Representing School District No. 30 (South Cariboo)

C.A. BRUCE

Appointed by Department of Education

W. JORDAN

Appointed by Lieutenant-Governor-in-Council

ADMINISTRATION

PRINCIPAL

N. Harrison, B. A.

DEAN OF ACADEMIC INSTRUCTION

D. W. Couch, B. A., M. A.

DIRECTOR OF ADMINISTRATIVE SERVICES AND TECHNOLOGY

T. F. Ferguson, C. G. A.

BURSAR

J. D. Pratt, C. G. A.

LIBRARIAN

D. B. Williams, B. A., B. S. W., M. Lib.

COUNSELLOR

J. C. Strong, B.S., M. Ed.

FACULTY

C. W. F. Bishop, B.A., M.A. (U.B.C.)

HISTORY

R. W. Cobb, B.Sc., M.A. (U.B.C.), Ph.D. (U of Rochester)

PHYSICS

J. J. Crawford, B.Sc. M.A. (U. of Toronto)

ACTING CHAIRMAN, MATHEMATICS

M. R. Granger, B.Sc. (Hons), M.Sc. (U.B.C.), Ph.D. (U. of Calif. - Berkeley)

ACTING CHAIRMAN, SCIENCE DIVISION, CHEMISTRY

T. F. Ferguson, C.G.A.

BUSINESS ADMINISTRATION

B. M. Mazur, B.Sc. (U. of Manitoba), M.Sc (U. of Calgary)

MATHEMATICS

R. J. W. Michell, B.A., M.A. (Oxon)

ENGLISH

R. W. Miles, B.A., M.A. (U.B.C.)

ENGLISH

N. A. Riis, B.Ed., M.A. (U.B.C.)

GEOGRAPHY

W. T. Robinson, B.A. (U. of California), B.Sc. (Education), M.A. (U. of Minnesota)

ENGLISH

K. G. Taylor, B.Sc. (U.B.C.), M.Sc. (Washington State U.)

BIOLOGY

R. D. Williams, B.Sc., M.Sc. (U.B.C.)

BIOLOGY

NOTE: The College Calendar goes to press in April. Not all faculty appointments have been made, and a number of faculty members will have post-graduate degrees conferred at Spring Convocation.

CARIBOO COLLEGE

THE COLLEGE YEAR

1970

July 1	Wednesday	- Dominion Day - College closed
August 21	Friday	- Last day for submission of Application for Admission
September 7	Monday	- Labour Day - College closed
September 8	Tuesday	- Registration Day
September 9	Wednesday	- Orientation Day
September 10	Thursday	- Fall Semester - classes begin
September 25	Friday	- Last day for Late Registration
		- Last day for Course Changes
		- Last day for Payment of Fees for Fall Semester
October 12	Monday	- Thanksgiving Day - College & Library closed
November 11	Wednesday	- Remembrance Day - College closed, Library open
December 11	Friday	- Fall Semester - classes end
December 14	Monday	- Fall Semester - exams begin
December 22	Tuesday	- Fall Semester ends
December 25-28		- College and Library closed

1971

January 1-3		- College and Library closed
January 4	Monday	- Registration Day
January 5	Tuesday	- Winter Semester - classes begin
January 15	Friday	- Last day for Late Registration
		- Last day for Course Changes
		- Last day for Payment of Fees for Winter Semester
February 18-19		Winter Recess - Classes cancelled
April 9	Friday	- Good Friday - College closed
April 12	Monday	- Easter Monday - College closed
April 19	Monday	- Winter Semester - classes end
April 21	Wednesday	- Winter Semester - exams begin
April 28	Wednesday	- Winter Semester ends
May 3	Monday	- Spring Semester - Special Technology Program begins
End of June		- Spring Semester - Special Technology Program ends

HOURS OF OPERATION

COLLEGE:

To meet the needs of the region the College will provide a full day-time program and a special evening program.

1) DAY PROGRAM - 8:30 a.m. - 5:30 p.m.

Monday to Friday

with classes beginning on the half-hour and being
50 minutes in length.

NOON HOUR

Monday, Wednesday, Friday - 12:30 p.m. - 1:30 p.m.

Tuesday and Thursday - 12:30 p.m. - 2:30 p.m.

2) EVENING PROGRAM - 7:00 p.m. - 10:00 p.m.

Monday to Thursday

LIBRARY:

Monday - Thursday - 8:00 a.m. - 11:00 p.m.

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

Saturday & Sunday: - Hours to be established at the beginning of Fall Semester

ADMINISTRATION:

SEPTEMBER - JUNE

Monday - Friday - 9:00 a.m. - 5:00 p.m.

JULY - AUGUST

Monday - Friday - 8:00 a.m. - 4:00 p.m.

PROGRAMS OF STUDY

FIVE TYPES OF PROGRAMS ARE AVAILABLE AT CARIBOO COLLEGE. THESE ARE:

1. University Transfer Programs
2. British Columbia Institute of Technology Transfer Programs
3. Career Programs
4. College Introductory Program
5. Extension Programs

1. UNIVERSITY TRANSFER PROGRAMS

(LIBERAL ARTS AND SCIENCES)

GENERAL INFORMATION

A student intending to transfer to a university should carefully review the university's requirements before registering for the appropriate courses at Cariboo College. Advice and help in selecting a course of studies may be obtained from the counsellor and members of the academic departments at the College.

Students wishing to transfer to a university should attempt to complete a minimum of thirty semester hours of credits of course work each year. The universities of British Columbia require an additional sixty semester hours of credit to be completed during their third and fourth year.

Many professional schools and faculties (such as Education, Law and Engineering) at the universities will only admit students who have completed one or more years of a specified program in Arts or Science. Most of these prerequisite courses may be taken at Cariboo College.

A student wishing to proceed to a Bachelor of Arts degree or a Bachelor of Science degree is usually expected to follow a specialty in a prescribed Major or Honours program. In 1970-71, the first year of the following programs in Arts are offered at Cariboo College:

Anthropology	History
Economics	Mathematics
English	Psychology
Fine Arts	Sociology
French	Spanish
Geography	

The first year of a program in Science is offered in the following subjects:

Biology	Mathematics
Chemistry	Physics
Geology	

Further information regarding Major and Honours program requirements is given in the university Calendars and may be obtained from the College Counsellor.

REQUIREMENTS FOR BACHELOR OF ARTS, BACHELOR OF SCIENCE DEGREES

Course requirements for the Bachelor of Arts and Bachelor of Science degrees vary with each university, depending on the vocational aim of the student and the Major or Honours program he may select. Students proceeding to a Bachelor of Arts or Bachelor of Science degree should select their courses in consultation with the College Counsellor.

BACHELOR OF ARTS DEGREE

GENERAL COURSE REQUIREMENTS

First Year English 111 and English 121 are required.

Twenty-four additional semester hours of course work to be chosen from the University Transfer courses listed in this Calendar.

NOTE: Students must check with the College Counsellor to ensure that their program is chosen to correspond with requirements of the various faculties in the universities.

BACHELOR OF SCIENCE DEGREE

GENERAL COURSE REQUIREMENTS

First Year English 111 and English 121, Mathematics 111 and
Mathematics 121 are required.

Eighteen additional semester hours of course work to be chosen from the University Transfer courses listed in this Calendar.

NOTE: Students must check with the College Counsellor to ensure that their program is chosen to correspond with requirements of the various faculties in the universities.

HONOURS PROGRAMS

Students wishing to enrol in an Honours Program in Biology, Chemistry, Mathematics or Physics, or in any combination of two of these, and who are required to carry more than fifteen semester hour credits in any one semester, must have their program approved by the Dean of Academic Instruction.

COLLEGE DIPLOMA REQUIREMENTS

A student who has successfully completed a minimum of sixty semester hours of university transfer work may be granted a Diploma in Arts and Science. It is not necessary for a student to follow a particular degree program to obtain a diploma; however, English 111 and English 121 are required Courses.

GENERAL REQUIREMENTS FOR ENTRY

A) SECONDARY SCHOOLS

Entrance Requirement -

- 1) Regular Student -
Graduation on Academic/Technical Program
- 2) Conditional Student -
Deficient in graduation on Academic/Technical Program, by not more than two subjects, but whose secondary record indicates a good potential for further education. These students must comply with College Regulations applicable to this category (see page 33).

B) ADULT

Entrance Requirement -

- 1) Regular Student -
Graduation on Academic/Technical Program
- 2) Mature Student Regulations - Academic

Special consideration may be given to a student of 19 years of age, or over, (in view of the applicant's experience, maturity or ability) although Grade 12 Academic graduation is not complete, and who has not been a full-time student during the preceding Academic year. All such applications will be treated on an individual merit basis, and must be approved by the Dean of Academic Instruction.

2. BRITISH COLUMBIA INSTITUTE OF TECHNOLOGY TRANSFER PROGRAMS

Cariboo College will provide the first year of the two-year British Columbia Institute of Technology (B.C.I.T.) programs in the areas of:

Business Administration - For details on the Business
Administration Program please refer to Career Programs.
Chemical and Metallurgical Technology
Electrical and Electronics Technology
Forest Products Technology
Medical Laboratory Technology
Mining Technology
Natural Gas and Petroleum Technology

Students completing the first year of these programs successfully at Cariboo College will be eligible to transfer into the second year of the programs at B.C.I.T. These programs are open only to a limited group of students selected from those who meet one of the following requirements:

1. Graduation from a British Columbia secondary school on the Academic/Technical program, or equivalent;
2. Lack the formal admission requirements, but may be admitted on a mature student basis if there is evidence of his or her probable success in the program.

NOTES:

1. For students to be eligible for transfer to the second year B.C.I.T. programs, they will be required to attend the extended semester programs in their first year at Cariboo College. The extended semester will be offered in May and June. These programs will allow the student to complete the required topics in the various technical courses, and match the hours of instruction specified by B.C.I.T.
2. Since there are a limited number of places available at B.C.I.T. for students from Cariboo College, application for these programs should be submitted not later than one month before the scheduled date for the first day of instruction in the fall semester. Students applying after this time may ask to be placed on a waiting list for those programs that are filled but cannot be guaranteed acceptance for transfer to B.C.I.T. Applications will continue to be accepted for those programs which are not filled.

CHEMICAL-METALLURGICAL PROGRAM

The Chemical and Metallurgical program provides instruction to those men and women wishing to enter the process industries - either in the laboratory, the production department, in the engineering department, or in the technical sales department. As the program encompasses a broad range of industries and sciences, the training emphasizes mathematics, physics and chemistry, and their application to general problems recurring in the chemical process industries, rather than to specific problems peculiar to a single industry. Consequently, the first year program at Cariboo College is general rather than specialized.

Typical of the chemical process industries that will engage graduates from the program are oil refineries, chlorine and caustic soda producers, beet and cane sugar refiners, cement producers, lime and gypsum producers, plastic and resin producers; copper, lead, zinc, and other smelters; aluminum, iron, and steel, magnesium and bronze smelters; metal fabricators and heat treaters; pulp and paper mills, and cellulose chemical producers; and mining companies engaged in both exploration and production.

Typical of the positions graduates would seek upon entering industry would be as chemists and analysts in research, commercial, and industrial laboratories, as engineering assistants in engineering departments of industrial and consulting companies, as production supervisor trainees in production plants, or as technical sales trainees in the sales departments of chemical process industries or equipment manufacturers.

COURSE REQUIREMENTS

Special pre-requisites: Mathematics 12, Chemistry 11, Physics 11. In the second year of this program, students may select an Extractive Metallurgy option, or an Industrial Chemistry option, or a Pollution Treatment option, or a Physical Metallurgy option.

FIRST SEMESTER

Chemistry 110
Chemistry 150
Drafting 150
English 150
Mathematics 150
Physics 150

Special Electives -

SECOND SEMESTER

Chemistry 120
Chemistry 160
Drafting 160
English 160
Mathematics 160
Physics 160

Chemistry 152 in the second semester
Geology 111 in the first semester
Geology 121 in the second semester

SECOND YEAR

Transfer to B.C.I.T.

ELECTRICAL AND ELECTRONICS PROGRAM

The electrical and electronics industry, vital to every aspect of Canadian life, continues to grow rapidly. It provides power needed by industry (the use of electrical energy in Canada doubles every 10 years), supplies facilities for the ever-increasing requirements of communications, and serves the needs of automation, transportation, defence, and our personal comfort. New products and methods are continually being developed to meet new demands. Consequently there is a continuing and increasing need for men and women well trained in the principles and practical application of electricity and electronics to apply their talents and assume positions of importance in an ever-increasing and interesting field.

Graduates from the Electrical and Electronics Program are employed in research and development, system design, production, sales, installation, and maintenance in both commercial companies and government agencies.

COURSE REQUIREMENTS.

Special pre-requisites: Mathematics 12, Chemistry 11, Physics 11. In the second year of this program, students may select a Communications option or an Electronics option, or a Power option.

FIRST SEMESTER

Drafting 150
EE 150 (Electrical & Electronic Components)
EE 152 (Electrical Circuits I)
English 150
Mathematics 152
Physics 150

SECOND SEMESTER

Drafting 160
EE 162 (Electrical Circuits II)
EE 164 (Electronic Circuits)
EE 166 (Properties of Materials)
English 160
Mathematics 162
Physics 160

NOTE: Some courses in this program will be offered in the evening only.

SECOND YEAR

Transfer to B.C.I.T.

FOREST PRODUCTS PROGRAM

The modern forest industry of British Columbia offers challenging and rewarding employment for conscientious young people of ability and training. The demand increases yearly as the application of new technology continues in the pulp, newsprint, plywood, sawmill, and particle-board industries.

The objectives of the Forest Products Program are to qualify technologists for the various manufacturing operations and to prepare them for responsible positions in British Columbia's largest industry. For example, young men with a good knowledge of technological advances and their application are needed in plant process operations, research and development, technical services, and sales.

In addition to the basic sciences of mathematics, chemistry, and physics, the specialized first year subjects include an introduction to forest science, wood technology, sawmilling, plywood, and pulp and paper manufacture.

COURSE REQUIREMENTS

Special pre-requisites: Mathematics 12, Chemistry 11, one other science to the Grade 12 level - with Chemistry 12 strongly recommended. In the second year of this program, students may select a Pulp and Paper option or a Wood option.

FIRST SEMESTER

Chemistry 110
Chemistry 150
Drafting 150
English 150
Mathematics 150
Physics 150

Special Electives

SECOND SEMESTER

Chemistry 120
Chemistry 160
Drafting 160
English 160
Mathematics 160
Physics 160

Forestry 150 in the first semester
Forestry 160 in the second semester

SECOND YEAR

Transfer to B.C.I.T.

MEDICAL LABORATORY PROGRAM

The medical laboratory technologist, as a member of the health team, performs the many and varied laboratory procedures the results of which are used by physicians as important aids to the diagnosis and treatment of the patient.

Laboratory screening programs are being developed to alert the physician to disease processes which, though not yet clinically evident, are nevertheless present in the patient. Automation, instead of decreasing the need for the medical laboratory technologist, has created a demand for more highly trained technologists. The increasing use of sophisticated laboratory procedures and the rising demand generally for health services assure a wide range of opportunities for employment.

The Medical Laboratory Program offers a variety of scientific pursuits within the modern hospital, the private clinical laboratory, and the research laboratory. These fields include histo-pathology, clinical chemistry, haematology, microbiology, and immuno-haematology. The trained technologist may pursue any one or a combination of these fields after completion of training.

Applicants should have a strong interest in science and be meticulous in their work and habits.

COURSE REQUIREMENTS

Special pre-requisites: Mathematics 12, Chemistry 11 and one other science to the Grade 12 level.

The first year of training can be completed at Cariboo College, following which students will be eligible to complete the second year of their program at the B. C. Institute of Technology. Alternately, the successful completion of the first year at Cariboo College can lead directly into a second year University Transfer Program. Note that the Canadian Society of Laboratory Technologists (CSLT) requires candidates, after the second year at B.C.I.T., to complete a further year of practical training in a hospital laboratory program approved by the Canadian Medical Association. The complete program is thus a total of three years.

At the end of this time, the candidate is eligible to sit the CSLT certification examination. The successful completion of these examinations leads to the professional qualifications of R. S. (a registered medical laboratory technologist). During the third year (at the hospital laboratory) the candidate received a living allowance.

FIRST SEMESTER

Biology 111
Chemistry 110 or 111
English 150
Mathematics 150
Physics 110 or 111

SECOND SEMESTER

Biology 121
Chemistry 120 or 121
Med. Lab. 160 (Medical Laboratory Orientation)
English 160
Mathematics 160
Physics 120 or 121

SECOND YEAR

Transfer to B.C.I.T.

MEDICAL LABORATORY PROGRAM (continued)

SPECIAL NOTES:

1. All Medical Laboratory Technology students will be required to show evidence of having had a recent chest X-ray and having completed an immunization program prior to registration.
2. The Biology, Chemistry, Mathematics and Physics courses include additional topics to the regular university courses. These will be given during the year and in the extended semester.

MINING PROGRAM

During the past decade as a supplier of metals to the entire world, Canada has been increasing its share of the market and has now become a major producer of such metals as iron, asbestos, lead, nickel, silver, zinc and copper. Western Canada is now about to experience an unprecedented expansion of the mining industry. Exploration in British Columbia and the Yukon is more active than anywhere in North America, and the area is considered to be the most promising mineral-bearing region on the continent. Coupled with this is the great interest shown in the non-metallic mineral deposits now being developed on the Prairies. Several major discoveries, currently being examined, offer reasonable assurance of production and consequent demand for engineers and technicians.

Because of strong international competition, the higher costs of operation in our rugged terrain, and the increasingly complex ores now being sought, the industry is becoming much more reliant upon engineering imagination and technological skill.

The program of the Mining Program is designed to serve this major industry by preparing technicians to help search for new mineral deposits, develop and operate new mines, and design and operate new mineral-processing plants. Most students who complete this program can expect to enter the industry as exploration assistants mapping structure, logging drill core, or performing geophysical or geochemical tests in the field; as engineering assistants sampling developed rock, surveying in pits or underground, or doing production control work in mines; or as test laboratory technicians, assayers, or junior operating staff in mineral-processing plants.

Opportunity for advancement in this industry are good for a person of ability and initiative, and, possibly within five years of graduation, he might well achieve a supervisory rank as party chief, shiftboss, or foreman.

Men entering the mining industry should be able to get along with people, be able to enjoy life in smaller communities, and be willing to travel. They should also have good health and be able to pass a medical examination and chest X-ray if they wish to work in or around a mine.

COURSE REQUIREMENTS

Special pre-requisites: Mathematics 12 and any three of: Physics 11, Chemistry 11, Physics 12, Chemistry 12.

In the second year of this program, students may select a Laboratory option, or a Mining option.

FIRST SEMESTER

Chemistry 110
Chemistry 150
Drafting 150
English 150
Mathematics 150
Physics 150

SECOND SEMESTER

Chemistry 120
Chemistry 160
Drafting 160
English 150
Mathematics 150
Physics 160

Special Electives: Geology 111 in the first semester
 Geology 121 in the second semester

SECOND YEAR

Transfer to B.C.I.T.

NATURAL GAS AND PETROLEUM PROGRAM

The gas and oil industry offers a wide variety of employment opportunities for a qualified technician. The transmission branch of the industry, involving the operation of pumping stations and maintenance of pipelines over vast areas, offers graduates opportunity for outdoor work in remote regions. On the other hand, the refining branch of the industry, usually located in more populous areas, offers a stable source of interesting work if this is preferred. Moreover, the industry as a whole is one of the most modern and up to date and is constantly introducing the latest technological improvements. Thus, there is every opportunity for a keen technician to advance in an interesting and profitable vocation.

Students desiring to enter this field should have a keen interest in the operation of large-scale equipment, as distinct from its maintenance and repair, and should have a good academic standing in chemistry and physics. Although in modern refineries most of the time may be spent indoors, technicians should be prepared to work outdoors for lengthy periods. They must be prepared, in the plant operations, to take great responsibility for the satisfactory and safe operation of highly complex plant equipment.

Employment opportunities for technicians include laboratory work, studies of corrosion of above-ground and buried structures, analysis of oils, gases, and petroleum products, right-of-way land work, and plant operation in pumping stations and refineries. With such a variety of opportunities, a qualified technician should have no difficulty in establishing himself in a profitable and interesting career.

COURSE REQUIREMENTS

Special pre-requisites: Mathematics 12, Chemistry 11, Physics 11.

There are no options in the second year of this program.

FIRST SEMESTER

Chemistry 110
Chemistry 150
Drafting 150
English 150
Mathematics 150
Physics 150

SECOND SEMESTER

Chemistry 120
Chemistry 160
Drafting 160
English 160
Mathematics 160
Physics 160

Special Electives: Geology 111 in the first semester
Geology 121 in the second semester

SECOND YEAR

Transfer to B.C.I.T.

3. CAREER PROGRAMS

LEADING TO COLLEGE CERTIFICATES OR COLLEGE DIPLOMAS

A number of students may not wish to take courses leading to transfer to a university or the B. C. Institute of Technology. These students may, however, desire training in a specific field for a one or two year period. These courses normally lead to direct job opportunities.

It is possible to take a complete program, or individual courses.

Because of facility requirements in the College Year 1970-71, it is anticipated that some of these courses may be held on an evening basis.

GENERAL ENTRANCE REQUIREMENTS

1. Grade 12 graduation in any of the secondary school or adult education streams.
2. Special consideration will be given to adults who, by reason of maturity, skill or background, are deemed by the College to be capable of handling the courses satisfactorily.
3. Secondary school students who may be deficient in certain courses for Grade 12 graduation may be considered for entry.

PROGRAM OFFERINGS

Cariboo College will offer the following Career Programs during 1970-71. (Note: There may be additions or deletions to this list subsequent to publication - please check with the College):

1. Business Administration-Accounting (Two Year Diploma Program)
2. Beef Production (One Year Certificate Program).
3. Commercial Art (One Year Certificate Program).
4. Pre-School (Private Kindergarten) (One Year Certificate Program).
5. Recreation Leadership (One Year Certificate Program).
6. Secretarial Science (One Year Certificate Program).
7. Welfare Aide (One Year Certificate Program).

1. BUSINESS ADMINISTRATION-ACCOUNTING (Two Year Diploma Program)

The accelerated development in recent years of scientific knowledge and industrial productivity has increased the complexity of modern business. This has stimulated competition to a very high degree, and in order to maintain its ability to compete, management has had to rely on a more scientific approach to managing. Specialists in many fields are employed to gather, analyse, interpret, and present information for management's use. With the increasingly specialized nature of modern business, young persons about to enter business must not only be eager, intelligent, and hard working, but must have specialized training as well. The curriculum of the Business Administration-Accounting Program embraces the technical nature of management practices, and consequently graduates from the program are in high demand by prospective employers.

1. BUSINESS ADMINISTRATION-ACCOUNTING (continued)

COURSE REQUIREMENTS

FIRST SEMESTER

English 150
Bus. Admin. 150 (Procedures)
Bus. Admin. 155 (Accounting I)
Mathematics 154 (Business)
Economics 111

THIRD SEMESTER

English 250
Bus. Admin. 250 (Law)
Bus. Admin. 252 (Finance)
Bus. Admin. 254 (Auditing)
Bus. Admin. 255 (Accounting III)

SECOND SEMESTER

English 160
Bus. Admin. 160 (Data Processing)
Bus. Admin. 165 (Accounting II)
Mathematics 160
Economics 121

FOURTH SEMESTER

Bus. Admin. 264 (Marketing)
Bus. Admin. 260 (Law)
Bus. Admin. 262 (Cost and Managerial)
Psychology 260
Bus. Admin. 265 (Accounting IV)

NOTE: Arrangements are being made for students to transfer to B.C.I.T. after completion of full first year requirements, if the area of specialization desired is not offered at Cariboo College.

2. BEEF PRODUCTION (One Year Certificate Program)

In association with the Canada Agriculture Department's Research Station at Tranquille, the following program is offered to interested students or adults.

ENTRANCE REQUIREMENTS: Grade 12 or maturity and experience considered appropriate to the program.

COURSE REQUIREMENTS

FIRST SEMESTER

Agric. 150 (Irrigation)
Agric. 152 (Field Crops I)
Agric. 154 (Feeds and Feeding)
Agric. 156 (Range Management I)
Agric. 158 (Weed and Insect Control)
Agric. 170 (Field Lab I)

SECOND SEMESTER

Agric. 160 (Farm Economics)
Agric. 162 (Field Crops II)
Agric. 164 (Marketing)
Agric. 166 (Range Management II)
Agric. 180 (Field Lab II)

3. COMMERCIAL ART (One Year Certificate Program)

This course will implement the basic art philosophies of drawing, design, perspective, lettering, mounting and visual techniques used in commercial art. This course will be of a practical nature and should not be confused with the Academic Fine Arts course offered in another division of the College.

3. COMMERCIAL ART (Continued)

COURSE REQUIREMENTS

FIRST SEMESTER

Art 150 (Design)
Art 152 (Drawing)
Art 154 (Basic Lettering)
Art 156 (Perspective)

SECOND SEMESTER

Art 160 (Colour and Colour Blending)
Art 162 (Mounting and Visual Techniques)
Art 164 (Advanced Lettering)
Art 166 (Advertising)

4. PRE-SCHOOL (Private Kindergarten) PROGRAM (One Year Certificate Program)

This program is designed to prepare students to qualify for the Provincial Department of Health and Welfare licence in pre-school teaching. There is a growing provincial need for people trained to teach pre-school children in co-operative pre-schools, private nurseries, kindergartens and child-care centres.

Those adults who have qualified in a recognized Adult Education program in this field may use any subject obtained as part of the above program.

Good health is required.

COURSE REQUIREMENTS

FIRST SEMESTER

Educ. 150 (Child Growth and Development)
Educ. 152 (Fundamentals of Child Education)
Educ. 154 (Language and Arts)
Educ. 156 (Curriculum Development)
Educ. 158 (Observation and Recreational Behavior)
Educ. 170 (Field work)

SECOND SEMESTER

Educ. 160 (Child Growth and Development)
Educ. 162 (Human Relations)
Educ. 164 (Creative Arts)
Educ. 166 (Curriculum Development)
Educ. 168 (Pre-School Science)
Educ. 180 (Field work)

5. RECREATION LEADERSHIP (One Year Certificate Program)

This program is designed to train students or adults in all the important aspects of recreational work at the para-professional level.

There is a need for technically trained persons in the broad range of programs conducted by community organizations.

Applicants must be in good health and should be interested in, and have an aptitude for, leadership activities. Previous participation in sports, arts and crafts, or other related types of activity at school, or in their adult background is required.

RECREATION LEADERSHIP

This program is designed to train students in all the important aspects of recreation and park maintenance work at the para-professional level.

There is a need for practically trained persons in the broad range of programs conducted by community organizations.

Applicants must be in good health and should be interested in, and have an aptitude for, leadership activities. Previous participation in sports, arts and crafts, or other related types of activity at school or in their adult background is required.

CERTIFICATE PROGRAM (ONE YEAR)

FIRST SEMESTER

English 150
Psychology 111/121
Sociology 111/121
Recreation 150
Recreation 152

SECOND SEMESTER

Park & Playground Maintenance 150
Administrative Procedures 151
Recreation 160
Recreation 161
Recreation 162

DIPLOMA PROGRAM (TWO YEAR) - Certificate Program plus the following second year courses.

FIRST SEMESTER

Effective Supervision 250
Park & Playground Maintenance 250
Recreation 250
Recreation 251
Recreation 252

SECOND SEMESTER

Accounting 250
Building Maintenance Regulations 250
Recreation 260
Recreation 261
Recreation 262

CAREER PROGRAM

JOURNALISM - ONE YEAR COLLEGE CERTIFICATE

This is a very practical course aimed at preparing students for direct entry into employment in the newspaper industry.

It is aimed quite specifically at the daily, or weekly, newspaper type of operation which is pertinent to all areas in the province, except Vancouver and Victoria, although the same basic principles would be relevant in those two major city newspapers to a lesser degree.

This course is not basically a philosophical or theoretical approach, but deals with actual practical situations and thus provides the direct training which will encourage employers to accept graduates who will have enough basic knowledge to be put straight to work without lengthy initial training in the newspaper industry itself.

This should give the College's graduates a marked employment opportunity advantage over untrained, or theoretically trained people.

PROGRAM:

FIRST SEMESTER

Communications English
Typing
Basic Reporting
Journalism Workshop
News Sources and Research
Practical Techniques of Journalism

SECOND SEMESTER

Communications English
Specialized Reporting
Interpretative Writing
Journalism Workshop
Paper Management
Practical Techniques of Journalism

COURSE DETAILS:

- | | |
|---------------------------|--|
| 1. Communications English | - spelling, grammar usage, punctuation, precis writing, sentence structure. |
| 2. Typing | - introductory level. |
| 3. Basic Reporting | - factual objective reporting as a means of communication, structure style and order of report making. |
| 4. Journalism Workshop | - practical problems and solutions, with practical lessons based on actual situations. |
| 5. Paper Management | - management structures, editorial policy and related subjects. |
| 6. Specialized Reporting | - special situations such as sports, women's features, news, etc., practical training. |

5. RECREATION LEADERSHIP (Continued)

COURSE REQUIREMENTS

FIRST SEMESTER

English 150
Psychology 111
Bus. Admin. 150 (Bus. Procedures)
Recreation 150
Recreation 152

SECOND SEMESTER

English 160
Psychology 121
Bus. Admin. 155 (Accounting 1)
Recreation 160
Recreation 162

6. SECRETARIAL SCIENCE (One Year Certificate Program)

This program offers the opportunity to acquire much more than the basic skills required in normal stenographic positions. Skill training in basic business subjects is maintained, but a knowledge of subjects related to business management should make the Secretarial Science graduate a much more valuable asset to the employer.

COURSE REQUIREMENTS

FIRST SEMESTER

Typing 150
Shorthand 150
English 150
Mathematics 154 (Business)
Office Practice 150

SECOND SEMESTER

Typing 160
Shorthand 160
Bus. Admin. 150 (Procedures)
Bus. Admin. 155 (Accounting 1)
English 150

7. WELFARE AIDE PROGRAM (One Year Certificate Program)

This program includes preparation for employment in the social welfare field as assistants to professional social workers. There are many job opportunities in the rapidly expanding welfare field for technically trained persons. This training prepares them to perform many welfare services which do not require professional social work qualifications.

Two of the most likely employment areas will be in social welfare agencies and in institutions housing children and/or adults.

COURSE REQUIREMENTS

FIRST SEMESTER

English 150
Psychology 111
Welfare 150 (Law)
Welfare 152 (Family in Society)
Welfare 154 (History and Philosophy of Social Work)
Welfare 156 (Welfare Aide Workshop)
Welfare 170 (Field Work)

SECOND SEMESTER

English 150
Psychology 121
Welfare 160 (Child Activities)
Welfare 162 (Social Welfare Practice)
Welfare 164 (Special Social Problems)
Welfare 166 (Welfare Aide Workshop)
Welfare 180 (Field Work)

4. COLLEGE INTRODUCTORY PROGRAM

A College Introductory program is offered for persons who must complete academic requirements to the College entrance level required for University transfer or B.C.I.T. transfer programs.

Courses are available primarily for students whose high school record is incomplete, or who have graduated from secondary school but lack the necessary prerequisites to enrol in a special course or program in the first year of the University Transfer or a B.C.I.T. transfer program at Cariboo College.

The program undertaken by a student will be dependent on his needs. Generally it will consist of four courses (five courses are not recommended) each semester.

The following Introductory courses will be offered in 1970-71.

FIRST SEMESTER

English 50
Chemistry 50
Mathematics 50

SECOND SEMESTER

English 60
Chemistry 60
Mathematics 60
Mathematics 70

For details see the course descriptions.

One, or in a special situation two, courses may be chosen from First Year Arts and Sciences courses which do not require pre-requisites. Permission of the Departments offering these courses must be obtained.

These courses are supplementary in nature and differ in content and aim from those given in secondary schools. They do not carry any guarantee of credit for possible transfer to institutions other than Cariboo College.

ADMISSION AND REGISTRATION

APPLICATIONS FOR ADMISSION

All inquiries relating to admission should be directed to:

The Registrar,
Cariboo College,
P. O. Box 860,
Kamloops, B. C. (Telephone 374-6294)

Cariboo College, (temporary office)
No. 2 - 465 Victoria Street,
Kamloops, B. C. (Telephone 374-6294)

Director,
Adult Education Department,
12th and Tranquille,
Kamloops, B. C. (Telephone 376-1269)

Director,
Adult Education Department,
Williams Lake, B.C. (Telephone 392-6202)

Senior Secondary Schools in the six school districts.

Application forms for admission are available at the above locations.

EARLY REGISTRATION

Early registration at the College is encouraged and Students may obtain and fill out the required application forms.

- a) In the case of early registration a secondary school student must:
 - 1) fill out the application form.
 - 2) provide evidence of his Grade 12 results up to and including his Easter examination results.
 - 3) provide evidence of his standing in the Grade 11 terminal subjects.
- b) In the case of an adult he must, in addition to filling out the application form, provide evidence of his results obtained from an adult education or other acceptable educational institution during the current year, or previous years, to show the highest level of formal education completed.

If the results are acceptable to the College a Provisional Admission Card will be issued to the applicant. The Provisional Admission Card will be replaced by a College Admission Card when the student confirms his results at the end of the school year, or after the results of governmental examinations are received and forwarded to the College.

ADMISSION REQUIREMENTS

All Applications for Admission, together with the required documentation, should be submitted by Friday, August 21st, 1970.

UNIVERSITY TRANSFER AND B.C.I.T. TRANSFER REQUIREMENTS

A student cannot be formally admitted to the College until the Registrar has received the following documentation:

- application form, completed and signed.
- transcript of marks.
- a) the ORIGINAL transcript of high school marks (if the student has just completed Grade 12), or an official copy provided by the Department of Education upon the applicant's request;
- b) all certificates showing standing in individual subjects taken for high school graduation, any higher certificates held, and transcripts of any college or university work taken; photostat copies of these latter documents are acceptable.

A mature student who cannot meet these requirements for documents should submit a letter explaining the grounds for requesting special consideration.

Students are eligible to apply for admission to the University Transfer and B.C.I.T. Transfer Programs if they meet the following requirements:

- graduation on the Academic-Technical (University) Program from a British Columbia senior secondary school;
- completion of the equivalent of British Columbia senior secondary school standing (University Program) in some other school system;
- acceptance by special arrangement in view of candidate's particular experience, maturity or ability;
- completion of college entrance examinations acceptable to the College (for mature students only) may be required.

REGISTRATION

COURSE PLANNING

Secondary School students, or adults, are encouraged to work out a tentative course plan for their first year at Cariboo College with their Student Counsellor, or Director of Adult Education.

A student, or an adult, may wish to work out his program with the College Admission Officer. This official will be available at the office of the Director of Adult Education in your district, or at the local Senior Secondary Schools, at a time and place to be announced.

Every student, however, must in all cases submit his program to the College Admissions Officer (Counsellor) for final approval.

Each applicant will be advised of his admission status after his application and documents have been assessed. All applicants accepted for entrance will receive instruction on procedures for the completing of registration.

TESTING OF UNIVERSITY AND B.C.I.T. TRANSFER PROGRAM STUDENTS

To enable the College to evaluate the performance of students enrolled in University and B.C.I.T. Transfer programs a series of tests will be required of each student by September 11, 1970. These tests will NOT be referred to in consideration of eligibility for admission to Cariboo College.

CHANGE OF PROGRAM

A student who wishes to transfer to another program within the College prior to official Registration should notify the Registrar of his intention as early as possible before August 21, 1970.

COMPLETION OF REGISTRATION

Each student is required to complete his registration in person on September 8, 1970

CHANGE OF REGISTRATION

A student desiring to make a change in the program of courses for which he has registered must make application at the Registrar's office and obtain the proper authorization. Only in very exceptional cases will any change be permitted after two weeks of the Fall Semester have elapsed (or two weeks of the Winter Semester in the case of courses begun in January).

MEDICAL EXAMINATION

Students registering at the College for the first time should consider taking a medical examination. This examination is not provided by the College but can be obtained from a physician of the student's choice. Students requiring medication for their safety should notify the Counsellor as to what action should be taken in case of an emergency.

REGISTRATION (Continued)

WITHDRAWAL FROM A COURSE

A course may be dropped at any time of the year, up to the last day of class, with permission of the Registrar and following counselling advice. If no official withdrawal from a course has been made, the student will have failed the course and the failing mark will appear on his transcript. In the case of students who officially withdraw, a "W" will appear on his transcript, together with date of withdrawal.

FEES

Registration is not complete until all fees are paid. Cheques or money orders shall be made payable to "Cariboo College".

LATE REGISTRATION

An additional fee of \$10.00 for late registration will be charged.

In the Fall Semester late registration is defined as the period of time between September 9, 1970 and September 25, 1970, inclusively. Registration will not be permitted for the Fall Semester after September 25, 1970.

In the Winter Semester late registration is defined as the period of time between January 5, 1971 and January 29, 1971, inclusively. Registration will not be permitted for the Winter Semester after January 29, 1971.

STUDENT RESPONSIBILITY

The student is responsible for the completion and accuracy of his registration. There must be no discrepancy between the program he is following and that entered on his course card in the Registrar's office.

No application will be considered until all relevant documents have been received.

A student will not receive credit for courses for which he has not registered.

FEES AND FINANCIAL AID

FEES

1. Resident - Cariboo College Regional Students -
\$125 per semester; \$250 per annum.
2. Non-Resident - Students from outside Cariboo College region -
\$250 per semester; \$500 per annum.
3. Part-time student fees will be at the rate of \$30 per course.
4. Auditing fees will be at the rate of \$30 per course.
5. Full-time student service fee - \$10 per semester.
Part-time student service fee - \$ 5 per semester.

PAYMENT OF:

Fall Semester Fees are due and payable on Registration Day, September 8, 1970.

Winter Semester Fees are due and payable on Registration Day, January 4, 1971.

SCALE OF FEE REFUNDS

1. Withdrawal in 1st or 2nd week of instruction - 80% of tuition fee.
2. Withdrawal in 3rd or 4th week of instruction - 50% of tuition fee.
3. Withdrawal after the 4th week of instruction - no refund.

RESIDENTIAL DEFINITION

1. A Cariboo College Regional Student:

(a) is a person of 19 years of age, or over, who on the first day of the current semester resides within the boundaries of the following School Districts and has resided therein for at least three months prior to the first day of the current semester.

School District No. 24 (Kamloops)

School District No. 25 (Barriere)

School District No. 26 (Birch Island)

School District No. 27 (Williams Lake)

School District No. 29 (Lillooet)

School District No. 30 (South Cariboo)

OR

(b) is under 19 years of age on the first day of the current semester, but who is a dependent of parents or legal guardians who reside within the boundaries of the six school districts mentioned above, and who have resided therein for at least three months prior to the first day of the current semester.

OR

(c) is an owner of real property within the aforementioned school districts.

2. A person who does not qualify under the above clauses shall be regarded as a Non-Resident.
3. Students must establish their residential status at the time of enrolment, and must notify the Registrar if there is any change in residential status.
4. Any person who wishes to appeal against the residential regulations stated above may have his case adjudicated by the College.
5. A student who furnishes false information regarding residential status shall be subject to suspension, or dismissal.

LOANS, SCHOLARSHIPS and BURSARIES

The Canada Student Loan Plan

This plan was instituted by the federal government to provide financial aid to students who would be unable to pursue a post-secondary education.

The maximum amount available for a student in one year is \$1,000, and the total amount available for a student under the plan is \$5,000. The College will make recommendations concerning the amount of the loan applied for.

Borrowers must repay principal and interest in regular monthly payments which begin six months after the student is no longer in full-time attendance at an eligible institution.

Loans are granted for one academic year, which commences each July. To qualify, the student must meet the following requirements:

- be a resident of British Columbia for 12 consecutive months prior to his admission to the College - a student from another province must apply to the province in which he was a resident;
- have completed high school graduation;
- carry a full academic load of 15 semester-hours each semester.
- if applying from another B.C. university or college, have completed his last academic year without failure;
- maintain a C average, or better; students who have failed their previous year in school, or are on probation, or have poor academic records are not eligible for loans.

BY WITHDRAWING FROM A COURSE A STUDENT IMMEDIATELY FORFEITS THE RIGHT TO CLAIM THE REMAINING PORTION OF HIS LOAN IF THE REMAINING COURSES TOTAL LESS THAN 15 SEMESTER HOURS.

Application forms may be obtained from the Registrar's office. These should be completed and returned to the Registrar's office, where they will be signed and forwarded to the appropriate authorities in British Columbia. When the loan has been approved, a Certificate of Eligibility will be issued to the student. The student must then bring the Certificate of Eligibility to the Registrar's office for signature. He may then take the Certificate of Eligibility to a branch of any chartered bank in Canada (or another institution of his choice) and arrange a loan which will be paid in two installments.

Government of British Columbia Scholarships

These scholarships are awarded for academic excellence evidenced by full-time Grade 12 and Grade 13 applicants; and for outstanding academic performance by undergraduate students in one of the specified post-secondary institutions in British Columbia in which an applicant has been registered as a full-time student, undertaking at least 15 units or 15 semester hours of acceptable work. Candidates must satisfy the government awards committee that they fulfill British Columbia domicile requirements.

LOANS, SCHOLARSHIPS AND BURSARIES (Continued)

Scholarships may be utilized by students taking either a full or partial course in the day program. The recipient can make one claim only against that scholarship award regardless of whether he utilizes it when carrying a full course or a partial course load.

These scholarships are tenable in British Columbia only. Except when deferment is authorized for medical reasons, the scholarship must be used within the period for which it was originally awarded. All candidates must submit applications on special forms available in the Registrar's office.

Details concerning these awards are available in a special circular issued by the Department of Education, Victoria, B.C. Cariboo College students must apply through the College not later than July 15. Secondary school students must apply through their schools before May 31. (These scholarships are not available through Cariboo College until Spring 1971).

GOVERNMENT BURSARIES

The Government of the Province of British Columbia (with a contribution from the federal government) provides funds annually for the award of bursary assistance to selected capable persons who can show financial need and who fulfill certain requirements of being domiciled in British Columbia. These awards will be made primarily to assist students entering their first or second year at a university or college in British Columbia. Awards are normally in the range of \$100 - \$250.

Applications must be submitted to the Registrar by July 15. Application forms may be obtained from the Department of Education, Victoria, B.C., from the Registrar's office at Cariboo College or from the Principals of senior secondary schools. (These bursaries are not available through Cariboo College until Spring 1971).

MILITARY SERVICE SCHOLARSHIPS

The Federal Government offers scholarships in the following plans: Regular Officer Training (ROTP); Medical Officer Training (MOTP); Dental Officer Training (DOTP) and Reserve Officer University Training (ROUTP). Students interested in following one of these very rewarding careers may obtain complete information from the College Office. All applicants must be Canadian citizens.

OTHER LOANS, SCHOLARSHIPS AND BURSARIES

It is anticipated that there will be additional loans, scholarships, and bursaries available to students. Information regarding same can be obtained from the Registrar.

ACADEMIC REGULATIONS

UNIVERSITY TRANSFER AND B.C.I.T. TRANSFER PROGRAMS

STUDENT CLASSIFICATION

Students admitted to the College are classified as follows:

FULL TIME STUDENT

A student who meets in full the entrance requirements of the program in which he is enrolled, and who registers for at least twelve semester hours of work each semester, is classified as a Full Time Student.

PART-TIME STUDENT

A student who registers for fewer than twelve semester hours of work each semester will be classified as a part-time student. Part-time students will be permitted to register for any course for which they have the required pre-requisites or background.

CONDITIONAL STUDENT.

A student who is deficient in some course credit for high school graduation may be admitted as a conditional student. Such students must show evidence that they have completed college entrance requirements through correspondence courses, or evening courses given by Adult Education, or the College Introductory courses, before they will receive credit for any College courses they complete successfully.

PROBATIONARY STUDENT

The term "academic probation" is used to deal with a student whose academic progress is unsatisfactory. The probationary regulations of the College include the following:

- A full-time student who does not pass three or more courses in any one semester will be placed on probation;
-
- a full-time student who did not pass the previous academic session at Cariboo College or another college or institute or university will be admitted only on probation;
- there are two main times a student may be placed on probation:
 - (a) at the time of admission;
 - (b) in January, following Fall Semester examinations;
 - (c) the possibility of placing a student on probation at other times during the year is not excluded;
- a full-time student admitted on probation in September will be required to withdraw in January if he does not pass three or more courses in the Fall Semester;
- a student placed on probation in January will not be readmitted the following September if he does not pass eighteen semester hours. He may apply for readmission after a period of at least one year.

STUDENT OBLIGATION

A student on probation must attend all regularly scheduled classes in which he is enrolled. Absence from classes without an acceptable reason will lead to disciplinary action which may include required withdrawal:

- from the courses not attended, or
- from the College, if required to withdraw from three or more courses.

Furthermore, a student will be expected to consult regularly with his instructors in all courses and with the Counsellor.

MATURE STUDENT

Applicants whose high school records are inadequate or incomplete, who have reached the age of 19, and who have not been full-time students during the preceding academic year, may be admitted as provisional students. In some cases, such students will be required to take one or more courses in the College Introductory Program, as recommended by the Admissions Officer and approved by the Dean of Academic Instruction or Director of Technology and Career Programs.

Persons applying for admission under this regulation may be required to write special entrance tests.

A student admitted under the Mature Student Regulation will be a provisional student until he has taken twelve semester hours of course work at Cariboo College, at which time his status will be reviewed. He may then become eligible to be admitted as a fully admissible student, or be denied admission.

EVALUATION OF STUDENT ACHIEVEMENT

For the 1970-71 year Cariboo College will use the following letter grade system for student evaluation:

LETTER GRADE	GRADE POINT VALUE	CLASSES OF ACHIEVEMENT
A+, A, A-	4	First Class
B+, B, B-	3	Second Class
C+, C	2	Pass
D	1	Lowest Pass Standing
F	0	Failure
W		Withdrawal from a Course

Grade point averages are established by multiplying the credit hours of the course by the numerical equivalent of the course grade and dividing the total number of grade points by the total number of credit hours.

STATEMENT OF GRADES

A student will receive his grade statement by mail as soon as possible after the end of a semester.

No statement of grades, diploma, or certificate, will be issued until the student has cleared up all obligations to the College in the way of fees, library books, or fines outstanding.

APPEAL OF FINAL GRADES

A student may appeal in writing to the Dean of Academic Instruction or Director of Technology and Career Programs against a final grade that he considers to be worthy of review. All such appeals must be accompanied by a fee of \$5.00 for each course in which a review is requested.

All appeals must be in the hands of the Dean or Director no later than ten days from the announcement of grades. Applicants should state clearly their reasons for believing that the grade does not represent a true evaluation of their efforts.

The appeal will be reviewed by a Faculty Committee which will advise the Dean, or Director, who will decide upon such appeal.

If the grade is raised the \$5.00 fee will be returned to the student. If the appeal fails, the \$5.00 will be forfeited.

Any departure from the procedures above will mean that the appeal will be disallowed.

NOTE: Students should be aware that final grades are awarded after much consideration, and, except in the case of a typographical error, grades are rarely changed.

TRANSFER TO OTHER INSTITUTIONS

The transferability of courses taken at Cariboo College is determined by the institution to which the student transfers. Students who plan to transfer from Cariboo College to another educational institution should consult the Registrar of that institution. An institution to which an official transcript is sent may evaluate the courses and establish the standing of the student in accordance with its own policies and regulations.

General standards laid down by most receiving institutions are as follows:

- a) No grades less than "C" considered for credit;
- b) Cumulative Grade Point Average of at least 2.0;
- c) Credit may be withheld for courses passed if semester Grade Point Average is less than 2.0;
- d) A student must have completed a full first year (thirty semester hours), or second year (sixty semester hours).

EXAMPLES OF STATEMENTS ON TRANSFER TO UNIVERSITIES

A. EXCERPT TAKEN FROM 1970-71 U.B.C. TRANSFER GUIDE, ISSUED BY THE U.B.C. REGISTRAR

"The University will accept students on Transfer from public colleges on the same basis as students transferring from a provincial university. A student who chooses courses at a public college that are appropriate to his academic objective at the University and who obtains adequate standing in them will be accepted for further studies at the University under the same conditions that apply to a student who has taken all his post-secondary studies at the University.

"A student seeking transfer to the University following success in his studies through two semesters (one year or 30 semester-hours of credit) at a college will be considered on standing on the transcript of his record issued by the College.

"A student seeking transfer to the University following success in his studies through four semesters (two years or 60 semester-hours of credit) at a college will be considered for admission to the level of the third year at University.

"The basic principle is that transfer be considered only for those students whose previous academic records are satisfactory. The minimum standing considered as satisfactory is a C average or grade point average of 2.0 (calculated on a 4-point scale: A=4, B=3, C=2, D=1) on all college courses attempted.

"The University does not insist that individual courses taken at the Colleges have exact counterparts in the University curriculum in order that credit be granted on transfer. However, transfer cannot be permitted if an applicant is deficient in the academic preparation required of the study program into which transfer is being requested.

EXAMPLES OF STATEMENTS ON TRANSFER TO UNIVERSITIES(cont'd)

"Students transferring from any college or university may not be granted transfer credit for courses in which they obtained the minimum passing grade. A college grade of D (below 55% in U.B.C. marking) is not credited on transfer to degree programs leading to degrees such as: B.A., B.Ed., B.Sc., but after a student has completed at least one year of successful study at the University he may petition for credit up to 6 units (12 semester hours) for college courses with D grades.

"A college grade of D in a preparatory year such as pre-Commerce or pre-Forestry does not prevent acceptance to the Faculty concerned unless it has been assigned to a subject for which admission requirements prescribe a better grade. For example, pre-Engineering requires that no grade be less than C.

"Students who have attended college are expected to have completed at least two semesters of study at the college before applying to the University; i.e. transfer should not be sought on the basis of less than 30 semester-hours of college credit. Student who have attended more than two semesters are normally expected to present 60 semester-hours (four semesters) before applying to the university for admission.

"Transfer credit from two year institutions is applied only on the University first (freshman) and second (sophomore) years. The maximum credit permissible on transfer is normally 60 semester-hours.

"A student may not receive credit for subjects taken at a college after he has been granted 30 units (60 semester-hours) of course credit either on transfer, or by a combination of transfer and University credit."

B. EXCERPT TAKEN FROM 1970-71 SIMON FRASER UNIVERSITY UNDERGRADUATE ADMISSIONS BULLETIN

"a) An applicant who met university admission requirements for First Year after completion of Grade 12 may be admitted on the basis of Grade 12 requirements. However, an applicant who presents 3 or more courses equal to 9 or more semester hours with an average of less than 65% or 2.4 will not be admitted (but see section (c) below).

"Transfer credit will be awarded for all acceptable passed courses if the average on all courses is at least 60% or 2.0. No transfer credit will be awarded if the average on all courses undertaken is less than 60% or 2.0.

"b) An applicant who did not meet university admission requirements for First Year from Grade 12 may be admitted providing that he presents at least a full year of transferable work (30 semester-hours) taken at the College and providing that his cumulative grade point or average is not less than 2.4 or 65% (but see section (c) below). Transfer credit will be awarded for all acceptable passed courses.

"c) An applicant who has an average below 65% (2.4), but not less than 60%, 2.0, will be admitted under the same conditions if staff and facilities permit.

TRANSCRIPTS

Cariboo College regards the individual's transcript as a personal and private document. Therefore, no transcripts are released without the written authorization of the individual concerned.

Official transcripts which bear the Registrar's signature and seal are sent only to employers, educational institutions, Department of Education and other authorized agencies. Student copies of transcripts which do not bear the Registrar's signature and seal are issued to students.

One official transcript will be sent by the College free of charge. For additional copies, a one dollar fee will be charged.

ATTENDANCE

ATTENDANCE AT CLASSES

Attendance is the responsibility of the student, who is expected to regularly attend lectures, laboratories, tutorial and seminar sessions held in each subject for which he is enrolled. Admission to a lecture, laboratory, tutorial or seminar session may be refused by the instructor for lateness, class misconduct, or failure to complete assigned work.

DEFICIENT ATTENDANCE

In cases of deficient attendance, students may, on recommendation of the instructor and with the sanction of the instructor's Chairman and the Dean of Academic Instruction or Director of Technology and Career Programs be excluded from a course or the final examination in a course. Students may appeal such decisions to the Principal.

WITHDRAWAL OR DEBARMENT

Any student who decides to withdraw from the College should report first to the Counsellor and then to the Registrar. He will be required to obtain clearance from the College to the satisfaction of the Registrar before being granted honourable dismissal or recommended, where applicable, for a refund of fees.

The Principal may suspend a student at any time for unsatisfactory conduct, for failure to abide by regulations, or for consistent failure to apply himself to his course of studies. Students may appeal such decisions to the College Council.

Any student absent from classes for two weeks will be considered to have withdrawn unless the Registrar is notified of his intention to continue and the reason for his absence.

EXAMINATION REGULATIONS

Examinations will be held during the last ten days of each semester.

Students who miss examinations because of illness or domestic affliction should submit, in writing to the Registrar, an application for special consideration, accompanied in the case of illness by a doctor's certificate. Such requests for consideration must be made as soon as possible after the absence. A Confirmation of Illness form is available at the Registrar's office.

The final standing in each course may be based on all of the work in the course submitted during the term; a passing grade in any one examination does not necessarily ensure a passing grade for the course.

If a course is repeated, no exemption from assignments or other classroom work will be granted.

STUDENT RESPONSIBILITIES

GENERAL CONDUCT

College authorities do not assume responsibilities which properly rest with adults, parents or guardians. It is the policy of the College administration to rely upon the good sense of students to maintain standards of acceptable behavior and dress.

UNAUTHORIZED STUDENT ACTIVITIES

The College Council prohibits any act by a student attending the College, or by anyone, which might cause injury to a person or damage to College property.

No liquor shall be brought onto the precincts of the College.

The College Council considers unlawful entry of buildings a very serious offence, and any such occurrences will be reported to and dealt with by the College Council.

Any student violating the above regulations is liable to suspension or debarment from the College.

MOTOR VEHICLES

Systematic regulations of traffic speed and direction, and of parking and stopping are enforced on the campus. The maximum speed limit is ten miles per hour. Students are permitted to park only in those areas specifically reserved for student parking.

TRANSPORTATION

The local bus line will be making regularly scheduled trips to the College, beginning in September. These trips will form part of, and connect with, routine trips from Brocklehurst, Kamloops North and Kamloops City Proper.

ACCOMMODATION

For students who desire assistance in finding accommodation, the College keeps a list of available boarding facilities. Students may obtain this information from the Counsellor.

COURSES OF STUDY

COURSE NUMBERING

100 Series First Year	200 Series Second Year	Courses
1-99		College Introductory
100-149	200-249	University Transfer
150-199	250-299	B.C.I.T. Transfer and Careers

A university transfer course has a fourth digit added after its number which indicates the number of semester hours of credit carried by the course, e.g., Biology 111-3. Following the course description there are two sets of bracketed figures. The first set applies to the Fall Semester, the second set to the Winter Semester. The first figure indicates the hours of lecture per week, the second figure the hours of laboratory work per week.

SAMPLE: Geography 111-3. Introduction to Physical Geography (4, 2) (0,0)

The first digit indicates a first-year course. The second and third digits of the number are used by the department to indicate course sequence and content.

The numbers following the dash indicate the number of semester hours of credits for university transfer.

The first set of bracketed figures indicates four hours of lectures (including seminars) per week and two of laboratory work, for the Fall Semester only. The second set indicates no lectures or laboratory work in the Winter Semester.

SEMESTER HOURS OF CREDIT

Semester hours are weights given to each University Transfer course. Practically all of the courses the student may take at Cariboo College are of three semester hours weight.

Eligibility for degrees is expressed in terms of total semester hours credit. For transfer to an institution which weights courses by Units of Credit (e.g., U.B.C.), the semester hours are simply halved.

PRE-REQUISITES

If work must be taken before a student is eligible to enter a course, such work is specified in the course description. The pre-requisite requirement may be waived only by permission of the Instructor, his Chairman and the Dean of Academic Instruction or Director of Technology and Career Programs.

TEXTBOOKS

The titles of textbooks required will be announced by instructors when classes assemble in September. The College Bookshop will stock all required texts.

UNIVERSITY TRANSFER PROGRAM

COURSE DESCRIPTION

ANTHROPOLOGY 111-3 - INTRODUCTION TO ANTHROPOLOGY I (4,0) (0,0)

A comparative study of cultural institutions in the primitive world; of family and other social structures; of economics, government, language, art, religion; of the origins of man and culture, the races of mankind.

ANTHROPOLOGY 121-3 - INTRODUCTION TO ANTHROPOLOGY II (0,0) (4,0)

A continuation of Anthropology 111-3.

BIOLOGY 110-3 - CONCEPTS IN BIOLOGY I (3,2) (0,0)

A study of the major concepts, particularly as they relate to human ecology; a course designed for students who do not intend to take further courses in the biological sciences.

BIOLOGY 120-3 - CONCEPTS IN BIOLOGY II (0,0) (3,2)

A continuation of Biology 110-3

BIOLOGY 111-3 - PRINCIPLES OF BIOLOGY I (3,3) (0,0)

How information is passed on at the molecular, cellular and organism level. Diversity of organisms; organizing the diversity; evolution, and the relationship of organisms to their total environment. (Pre-requisite: Biology 11, Chemistry 11 or by special permission).

BIOLOGY 121-3 - PRINCIPLES OF BIOLOGY II (0,0) (3,3)

The origin of life. The various levels of organization, from the molecular to the systems level. Emphasis will be placed on the complementarity of structure and function in plants and animals. (Pre-requisite: Biology 11, Chemistry 11, or by special permission).

NOTE: Biology 111 is not pre-requisite to Biology 121)

CHEMISTRY 110-3 - PRINCIPLES OF CHEMISTRY I (4,3) (0,0)

A study of the fundamental principles of Chemistry with particular reference to the nature of solutions, the solid state and molecular structure of both inorganic and organic substances. (Pre-requisite: Chemistry 11)

CHEMISTRY 120-3 - PRINCIPLES OF CHEMISTRY II (0,0) (4,3)

A continuation of Chemistry 110-3. (Pre-requisite: Chemistry 110-3).

CHEMISTRY 111-3 - PRINCIPLES OF CHEMISTRY I (3,3) (0,0)

Similar to Chemistry 110 but the subject matter - chemical equilibrium, thermodynamics, kinetics, atomic and molecular structure, reactions of organic and inorganic compounds - is treated in somewhat more detail.

(Pre-requisite: Chemistry 12. Mathematics 111 and Physics 111 should be taken concurrently).

COURSE DESCRIPTIONS (Continued)

CHEMISTRY 121-3 - PRINCIPLES OF CHEMISTRY II (0,0) 3,3)

A continuation of Chemistry 111-3
(Pre-requisite: Chemistry 111-3)

CHEMISTRY 113-3 GENERAL CHEMISTRY I (3,3) (0,0)

A study of the fundamental principles of Chemistry including the molecular structures of both inorganic and organic compounds.

CHEMISTRY 123-3 - GENERAL CHEMISTRY II (0,0) (3,3)

A continuation of Chemistry 114-3

ECONOMICS 111-3 - INTRODUCTION TO ECONOMICS (4,0) (0,0)

An examination of modern economic institutions in the light of elementary economic theory, including a critical evaluation of public and business economic activity and policy.

ECONOMICS 121-3 - INTRODUCTION TO ECONOMIC HISTORY (0,0) (4,0)

A study of modern economic history with an examination of the ideas and prominent economists from Smith to Keynes.

ENGLISH 111-3 - MODERN LITERATURE I (4,0) (0,0)

Composition and a study of the Short Story, Essays and Poetry.

ENGLISH 121-3 - MODERN LITERATURE II (0,0) (4,0)

Composition and a study of the Novel and Drama.

FINE ARTS 111-3 - HISTORY OF ART I (3,0) (0,0)

The history of architecture, sculpture and painting of the Western World from Ancient Egypt and Mesopotamia to the present.

FINE ARTS 121-3 - HISTORY OF ART II (0,0) (3,0)

A continuation of Fine Arts 111-3

FRENCH 110-3 - COLLEGE FRENCH I (3,2) (0,0)

A course emphasizing oral French. A thorough knowledge of syntax and grammar, and a study of passages selected mainly from modern French writers.
(Pre-requisite: French 11)

FRENCH 120-3 - COLLEGE FRENCH II (0,0) (3,2)

A continuation of French 110 - 3

COURSE DESCRIPTION (Continued)

FRENCH 111-3 - FRENCH LANGUAGE AND LITERATURE I (3,2) (0,0)

Oral French and a more intensive study of the works of selected French writers.
(Pre-requisite: French 12)

FRENCH 121-3 - FRENCH LANGUAGE AND LITERATURE II (0,0) (3,2)

A continuation of French 111-3

GEOGRAPHY 111-3 - INTRODUCTION TO PHYSICAL GEOGRAPHY (4,2) (0,0)

A study of weather, climate, soils and development of landforms.

GEOGRAPHY 121-3 - INTRODUCTION TO HUMAN GEOGRAPHY (0,0) (4,2)

A study of man, his numbers, distribution, cultures and impact on the earth's surface.

GEOLOGY 111-3 - INTRODUCTION TO PHYSICAL GEOLOGY (3,2) (0,0)

Structure of the earth, diastrophism, erosion, landforms, mineral deposits.

GEOLOGY 121-3 - INTRODUCTION TO HISTORICAL GEOLOGY (0,0) (3,2)

Origin and development of the earth as indicated through a study of stratigraphy and Palaeontology.

HISTORY 111-3 - EUROPEAN HISTORY IN THE 20TH CENTURY (4,0) (0,0)

An examination of the background to contemporary world affairs.

HISTORY 121-3 - WORLD DEVELOPMENTS SINCE 1939 (0,0) (4,0)

HISTORY 112-3 - CANADA TO 1867 (4,0) (0,0)

HISTORY 122-3 - CANADA SINCE 1867 (0,0) (4,0)

MATHEMATICS 110-3 - FIRST YEAR COLLEGE MATHEMATICS I (3,1) (0,0)

This course is intended primarily for students going into Liberal Arts or Education. The course will include such topics as properties of real numbers, probability, matrices, determinants, permutations and combinations, together with a discussion of some of the basic concepts of higher mathematics.
(Pre-requisites: Mathematics 11, Mathematics 91 or equivalent)

MATHEMATICS 120-3 - FIRST YEAR COLLEGE MATHEMATICS II (0,0) (3,1)

A continuation of Mathematics 110-3.
(Pre-requisites: Mathematics 110-3 or equivalent)

COURSE DESCRIPTIONS (Continued)

MATHEMATICS 111-3 - CALCULUS I (3,2) (0,0)

Limits and continuity; the derivative and techniques of differentiation; application of differentiation to sketching curves, extreme value problems, related rates, inverse functions and their derivatives.

(Pre-requisite: Mathematics 12 or equivalent).

MATHEMATICS 121-3 - CALCULUS II (0,0) (3,2)

The exponential and logarithmic functions; definite and indefinite integrals; improper integrals; techniques of integration; applications of integration to area, volume, lengths of curves.

(Pre-requisites: Mathematics 111-3 or equivalent).

MATHEMATICS 122-2- LINEAR ALGEBRA (0,0) (2,0)

Determinants, matrices and matrix algebra; systems of linear equations; vectors and vector spaces.

(Pre-requisite: Mathematics 12 or equivalent).

PHYSICS 110-3 - BASIC PHYSICS I (3,3) (0,0)

A general survey of mechanics, heat, optics, electricity, magnetism and modern physics.

(Pre-requisites: Physics 11 or 91, Mathematics 11 or 91. Mathematics 110 or 111 must be taken concurrently).

PHYSICS 120-3- BASIC PHYSICS II (0,0) (3,3)

A Continuation of Physics 110.

(Pre-requisite: Physics 110-3 or equivalent).

PHYSICS 111-3 - FUNDAMENTALS OF PHYSICS I (3,3) (0,0)

A general survey of mechanics, heat, wave motion, electricity, magnetism, optics, atomic and nuclear physics.

(Pre-requisites: Physics 12, Mathematics 12. Mathematics 111 must be taken concurrently or previously).

PHYSICS 121-3 - FUNDAMENTALS OF PHYSICS II (0,0) (3,3)

A continuation of Physics 112

(Pre-requisite: Physics 111-3 or equivalent).

PSYCHOLOGY 111-3 - INTRODUCTION TO PSYCHOLOGY I (4,0) (0,0)

A study of the nervous system and physiological processes, learning motivation and emotion.

PSYCHOLOGY 121-3 - INTRODUCTION TO PSYCHOLOGY II (0,0) (4,0)

Sensation and perception, statistical processes, personality, social attitudes.

COURSE DESCRIPTIONS (Continued)

SOCIOLOGY 111-3 - INTRODUCTION TO SOCIOLOGY (4,0) (0,0)

A general survey of the structures of society and their interaction.

SOCIOLOGY 121-3 - METHODS OF SOCIOLOGICAL ANALYSIS (0,0) (4,0)

A general introduction to the perspectives and methods of sociology, including a consideration of basic concepts and problems in the analysis of groups and societies.

SPANISH 111-3 - INTRODUCTORY SPANISH I (4,1) (0,0)

Oral practice, a basic knowledge of grammar and syntax, and elementary prose writing.

SPANISH 121-3 - INTRODUCTORY SPANISH II (0,0) (4,1)

A continuation of Spanish 111-3
(Pre-requisite: Spanish 111-3).

B.C.I.T. TRANSFER PROGRAMS

COURSE DESCRIPTIONS

BUSINESS ADMINISTRATION 150 - BUSINESS PROCEDURES (3,1) (3,1)

An introduction to business. This course recognizes the need for a thorough knowledge of the conduct of business in our society regardless of which business specialty is selected by the student for intensive study.

BUSINESS ADMINISTRATION 155 - ACCOUNTING I (3,1) (3,1)

The fundamentals of accounting. An examination of the basic techniques, principles and concepts involved in the accumulation, classification and presentation of financial data.

BUSINESS ADMINISTRATION 160 - DATA PROCESSING EQUIPMENT (0,0) (3,1)

A study of mechanized accounting systems in business and industry. Orientation to the systems and equipment used in bulk processing of data, including accounting machines, punch card machines and computers.

BUSINESS ADMINISTRATION 165 - ACCOUNTING II (0,0) (3,1)

Accounting for proprietorship, partnerships and limited companies. Introduction to cost accounting, financial statement analysis and consolidations.

BUSINESS ADMINISTRATION 250 - BUSINESS LAW I (3,1) (0,0)

A general overview of business law, including sources of law, court procedures, law of contracts, agency law, sale of goods, partnership and company law. An introduction to negotiable instruments, tort liability and the Bankruptcy Act; labour, welfare and tax legislation; and acts applying to the various financial institutions.

BUSINESS ADMINISTRATION 252 - FUNDAMENTALS OF FINANCE (3,1) (0,0)

A study of internal company financing. Reference is made to investment and banking institutions. Major topics are financial ratio analysis, cash, inventory and receivables, management (including consumer credit), fixed asset investment, cash flow forecasting, sources of credit, cost of capital, and appraisal of investment opportunities. Some emphasis on ownership versus leasing, implications of income tax and real estate investment.

BUSINESS ADMINISTRATION 255 - ACCOUNTING III (3,1) (0,0)

Intermediate Accounting, a comprehensive study of the more complex accounting techniques, principles and practices. A detailed examination of the methods and concepts involved in the measurement of net income and the determination of financial position.

(Pre-requisite: Accounting II)

BUSINESS ADMINISTRATION 262 - COST AND MANAGERIAL ACCOUNTING (0,0) (3,1)

An introduction to the major purposes of cost accounting; cost-volume-profit analysis; job-order and process costing; direct costing and standard costs; budgeting.

COURSE DESCRIPTIONS (Continued)

BUSINESS ADMINISTRATION 264 - MARKETING (0,0) (4,2)

Introduction to marketing environment, marketing institutions. Study of basic marketing functions, research, product planning, trade channels, merchandising, advertising, sales promotion, industrial and consumer goods.

BUSINESS ADMINISTRATION 265 - ACCOUNTING IV (0,0) (3,1)

A continuation of Business Administration 255

CHEMISTRY 150 - ENGINEERING MATERIAL I (2,3) (0,0)

Comparative properties of all classes of engineering materials, metals, alloys, woods, plastics, ceramic materials, concrete; failure of material under operating conditions, hardening, weathering, corrosion, etc.

CHEMISTRY 160 - ENGINEERING MATERIALS II (0,0) (2,3)

A continuation of Chemistry 150.

CHEMISTRY 152 - ANALYTICAL CHEMISTRY (0,0) (1,3)

Basic techniques in sampling, weighing, moisture determinations, ashing, extractions, filtration gravimetric methods, volumetric methods; instrumental analysis and separation methods.

DRAFTING 150 - GENERAL TECHNICAL DRAFTING I (0,2) (0,0)

Sketching, lettering, linework, use of instruments, geometric construction, orthographics, auxilliary views, sections and conventions, isometric and oblique projections, intersections and developments.

DRAFTING 160 - GENERAL TECHNICAL DRAFTING II (0,0) (0,2)

A continuation of Drafting 150.

EE-150- ELECTRICAL & ELECTRONIC COMPONENTS (0,2) (0,0)

Characteristics and application of the small components most frequently used in electrical and electronics industries. Standards, coding systems, tolerances. Fabrication and assembly techniques. Emphasis on special soldering techniques. Basic inspection and quality control procedures.

EE-152 - ELECTRICAL CIRCUITS I (5,4) (0,0)

Fundamental principles and techniques in circuit analysis as applied to d.c. circuits, at a level requiring a working knowledge of linear equations, determinants, trigonometry, logarithms and exponential functions. Study of basic parameters and units such as current, voltage, resistance, conductance and power; circuit laws.

EE-162 - ELECTRICAL CIRCUITS II (0,0) (3,3)

A continuation of EE-152. Involving analysis of alternating current circuits.

COURSE DESCRIPTIONS (Continued)

EE-164 - ELECTRONIC CIRCUITS (0,0) (2,2)

Course in understanding and designing basic electronic circuits. Topics included: semi-conductor physics applied to the PN junction and the bipolar transistor, basic voltage and current amplifying circuits, load-line analysis, feedback, oscillation and oscillator circuits; power supplies including voltage and current regulating circuits.

EE-166 - Properties of Materials (0,0) (0,2)

Comparative properties of engineering materials, emphasizing application to Electrical and Electronics Technology; plastics, ceramics, metals and alloys, mechanical, electrical and corrosion properties; service failures in operating environments.

ENGLISH 150- TECHNICAL ENGLISH I (4,0) (0,0)

Basic principles of composition, grammar, style, semantics, logic and persuasion to the writing of business and technical letters and reports. Communication theory and social consequences of science and technology.

ENGLISH 160 - TECHNICAL ENGLISH II (0,0) (4,0)

A continuation of English 150.

FORESTRY 150 - FOREST SCIENCES I (2,3) (0,0)

Fundamental concepts related to the forest. Structure and physiology of seed plants. Special emphasis on the reproduction of gymnosperms. Classification of plants. The gross and microscopic structure of wood. The dendrology of trees.

FORESTRY 160 - FOREST SCIENCES II (0,0) (2,3)

A continuation of Forestry 150.

MATHEMATICS 150 - TECHNICAL MATHEMATICS (3,2) (0,0)

Topics in algebra and analytic geometry; exponents and logarithms; logarithmic and exponential equations; log-log and semi-log graphs; introductory calculus. Applications of the above to the student's chosen program.

MATHEMATICS 152 - ELECTRICAL-ELECTRONIC MATHEMATICS I (5,4) (0,0)

Theory and application in the electrical and electronic fields of the following: Trigonometry with emphasis on wave-forms, vectors and use of identities; complex numbers and their use in a.c. circuit calculations; logarithmic and exponential functions with application to transient and power problems.

MATHEMATICS 154 - BUSINESS MATHEMATICS (2,3) (0,0)

Basic mathematics, fundamentals of analytic geometry; functions and managerial planning; elements of calculus with business application to discounts, mark-ups, margin, selling price, mark-downs, simple interest, compound interest; discounting negotiable instruments; installment purchases, depreciation, insurance.

COURSE DESCRIPTIONS (Continued)

MATHEMATICS 160 - STATISTICS (0,0) (3,2)

An introduction to statistics. Topics include organization and presentation of data; measures of location, variation, skewness and kurtosis; probability; frequency distributions; sampling, estimation, hypothesis testing, analysis of variance, quality control, correlation and regression.

MATHEMATICS 162 - ELECTRICAL- ELECTRONIC MATHEMATICS II (0,0) (5,4)

A continuation of Mathematics 152.

MEDICAL LABORATORY 160 - MEDICAL LABORATORY ORIENTATION (0,0) (2,3)

An introduction to the procedures and principles of operation of precision instruments and equipment used in clinical laboratories.

PHYSICS 150 - GENERAL PHYSICS I (4,3) (0,0)

Designed to provide background knowledge required in the various technologies. Covers main fields of physics- kinematics, dynamics, friction, statics, angular motion, energy, momentum, structure and properties of matter, thermodynamics, heat transfer, atomic and nuclear phenomena. The mathematics treatment requires only algebra and trigonometry, although use of calculus may occur near end of second semester.

PHYSICS 160 - GENERAL PHYSICS II (0,0) (4,3)

A continuation of Physics 150.

COLLEGE INTRODUCTORY PROGRAM

COURSE DESCRIPTIONS

ENGLISH 50 - FUNDAMENTALS OF ENGLISH COMPOSITION (4,0) (0,0)

Special emphasis upon structure, usage and the development of effective reading skills.

ENGLISH 60 - FUNDAMENTALS OF ENGLISH COMPOSITION II (0,0) (4,0)

A continuation of English 50.

CHEMISTRY 50 (3,3) (0,0)

College Introductory Chemistry

CHEMISTRY 60 (0,0) (3,3)

A continuation of Chemistry 50

MATHEMATICS 50 (4,1) (0,0)

The number system, equations and inequalities, system of linear equations, basic set theory, relations and functions, exponents and logarithms, analytic geometry, trigonometry, complex numbers.

MATHEMATICS 60 (0,0) (4,1)

A continuation of Mathematics 50.

MATHEMATICS 70 (0,0) (4,1)

As for Mathematics 50 and Mathematics 60 but covered during one semester.

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