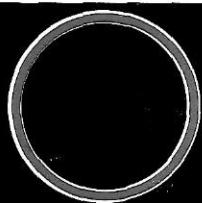


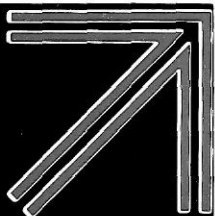
1976 - 77



today



tonight



tomorrow

THE
REAL
PLACE

MOUNT ROYAL COLLEGE

COLLEGE DIRECTORY OF FREQUENTLY CALLED NUMBERS

Department	Phone Number	Room	Level
Athletics	246-6341	1068	1
Bookstore	246-6421	1055	1
Business Services	246-6501	1003	1
Continuing Services and Continuing Education	246-6437	2029	2
Continuing Education	246-6470	KIOSK	2
Information Kiosk	246-6470	KIOSK	2
Counselling	246-6581	1023	1
Day Care Centre	246-6343	2028A	2
Director of Information	246-6589	2000	2
Health Services	246-6430	2048	2
Library Information Desk	246-6536	1027	1
Student Placement	246-6441	1007	1
President's Office	246-6300	2003	2
Registrar's Office	246-6551	2000	2
Admissions	246-6551	2000	2
Student Records	246-6555	2000	2
Security	246-6404	1059	1
Student Affairs and Financial Aid	246-6425	1007	1
Students' Association	246-6331	2026	2
Switchboard	246-6111	3005	3
Tours	246-6544	KIOSK	2

MOUNT ROYAL COLLEGE reserves the right to make changes which circumstances may require, including the addition and cancellation of courses and programs.

MOUNT ROYAL COLLEGE is incorporated by the Province of Alberta, under the Colleges Act, May 7, 1969.

Mount Royal College Office Hours: Administrative offices are open Monday through Friday from 8:00 a.m. to 12:00 noon, and 1:00 p.m. to 4:30 p.m.

The College observes the following holidays: New Year's Day, Good Friday, Easter Monday, Victoria Day, Canada Day, Calgary Stampede Parade morning, Calgary Day, Labour Day, Thanksgiving Day, Remembrance Day, Christmas Day.

Requests for additional information should be addressed to:

THE REGISTRAR AND DIRECTOR OF ADMISSIONS
Mount Royal College
4825 Richard Road S.W.
Calgary, Alberta
T3E 6K6

**Board of Governors
of
Mount Royal College**

GERRY M. BURDEN, B.A., LL.B. — CHAIRMAN
DONALD C. MACMAHON, B.A., M.DIV. — VICE-CHAIRMAN
DENNIS N. ELLERGODT
DOUGLAS M. LAUCLAN, B.A., B.D., GRAD. DIP., ED. ADMIN.
WARD A. STECKLE, B.S.C., M.S.C., DUC.
FRED A. STEWART, B.COMM., LL.B.
DAVID M. THOMAS, B.A.(HONS), P.G.C.E., M.A.
MAX NELSON (STUDENT REPRESENTATIVE)

Administrative Officers

DOUGLAS M. LAUCLAN, B.A., B.D., GRAD. DIP., ED. ADMIN.
Acting President
D. CORNISH, B.A., B.ED., M.ED.
Dean of Instruction
GARY W. DEAN, B.A., M.A., ED.D.
Dean of College Services
D. PARKER, B.P.E., M.A.
Dean of Community Services
W. G. MAX RAE
Vice-President, Business Services

PHILOSOPHY AND OBJECTIVES

OF

MOUNT ROYAL COLLEGE

In 1966 the Board of Governors adopted, as guidelines for this institution, the community college philosophy. To be a community college, Mount Royal must meet, within its corporate capacity and to the best of its ability, the educational needs of the area in which it is located.

This basis for governance rests upon three main tenets:

1. A comprehensive, flexible and current curriculum;
2. Accommodation of any adult who expresses a willingness to learn;
3. Availability of an active counselling and guidance program.

In order to make these requirements operational, we are charged with the following objectives:

1. Provide, in addition to courses that enable students to transfer to senior institutions, learning opportunities in programs that are beyond high school and lead to gainful employment.
2. As far as possible, admit anyone with a high school diploma or who is 18 years of age.
3. Help the student become aware of his academic qualifications, as well as assist him in overcoming any limitations, so that he can choose reasonable alternatives in the successful pursuit of his education goals.

The process of synthesizing the needs of the community, the capacities of the students and the requirements of the institution is never-ending. An additional dimension of this problem is offering instruction which is of the highest quality possible yet relatively inexpensive to the student. It is in this way that Mount Royal College has become a community college, in fact, and has taken its rightful place in the system of higher education in Alberta and Canada.

A GLANCE BACKWARD

While it is true that every mental faculty should be developed, it is also true that certain faculties that crave it should have the opportunity for special training when unusual aptitude is manifest. Our regular course of study will meet the first, and our elective courses the second of these requirements. Our aim is to provide a thorough preparation for University for those that choose it, and also a strong course for such as cannot or do not wish to enter University. We desire to make the latter feel that they are not outclassed or less fitted for the enjoyment and service of life in the spheres of their choosing. Our Departments of Bookkeeping, Stenography, Typewriting, Elocution, Music, Art and Manual or Technical Training, when earnestly pursued, transform the accomplishment to a profession worthy the dignity of any man or woman confronted with the necessity of earning their living.

Mount Royal College Calendar 1911-12

ATTENTION STUDENTS!!

The purpose of this calendar is to provide information for students considering a college education. Prospective students can find information concerning various programs offered as well as services available to Mount Royal College students.

WHY GO TO A COLLEGE?

Students who choose to study at a college may do so for a variety of reasons. One and two year career programs are offered for those who are job oriented, while others may select a university transfer program. Besides career or university goals, college offers an exciting social experience. The unique atmosphere of small classes lends itself to a greater togetherness — a community of students — whether rapping in a central area, participating in a sporting event, or relaxing in a student cabaret.

WHAT'S SO SPECIAL ABOUT MRC?

Mount Royal's learning model is designed to be flexible — to accommodate a variety of needs such that each student can find the best way to achieve his/her own goals. The central core of the campus is a mall which opens into the learning library. Study areas and faculty offices are located near the centres of study, thus instructors are in close liaison with students. The Students' Association supports various student activities and programs for student involvement in extra curricular events.

We hope you will find this page helpful in planning and carrying out your program. Use it as a guide and you may eliminate many of the problems college students encounter.

1. First and foremost, see your advisor who is assigned by the Counselling Office, prior to each registration.
2. Become familiar with the graduation requirements for an Associate Diploma or a Certificate. You will find these described in the Calendar, page 37 to 87. Your advisor will help you meet the requirements.
3. Many students decide to drop a class. There is a procedure for doing this. Always check with your advisor first. Otherwise your transcript may show an "I", or an incomplete grade.
4. Don't hesitate to confer with your instructors during the semester regarding your progress in classes.
5. This is important! Determine from each of your instructors what the "ground rules" are for the course, (i.e., attendance, examinations, assignments, etc.).

REMEMBER

The "Open Door" policy of the college makes it possible for anyone 18 years of age or older to enter and attempt most programs. It does NOT guarantee an Associate Diploma after two years of study, as you may need an extra semester or more to gain an adequate background.



academic schedule

FALL SEMESTER 1976

LAST DAY TO CONFIRM ADVANCE Registration With Payment of Registration Deposit of \$25.00	August 6
LAST DAY TO CANCEL ADVANCE Registration and Receive Refund of Registration Deposit if Deposit of \$25.00 Previously Paid.	August 6
REGULAR REGISTRATION BEGINS	August 23
*LAST DAY TO APPLY FOR REGULAR ADMISSION	August 31
LAST DAY OF REGULAR REGISTRATION Without Payment of Late Registration Penalty of \$25.00	August 31
COLLEGE CLOSED: Labour Day	September 6
FIRST DAY OF CLASSES	September 7
LAST DAY FOR REGISTRATION ADJUSTMENT and Last Day for Late Registration With Payment of \$25.00 Penalty	September 14
LAST DAY FOR PAYMENT OF FEES	September 20
COLLEGE CLOSED: Thanksgiving	October 11
NO TUITION REFUND AFTER THIS DATE	November 2
COLLEGE CLOSED: Remembrance Day	November 11
LAST DAY TO DROP A COURSE WITHOUT Instructor Approval With Award of "W" GRADE	November 16
ADVANCED REGISTRATION: For Spring 1977 Semester Begins	December 13
LAST DAY TO DROP A COURSE WITH Instructor Approval With Award of "W" GRADE	December 15
LAST DAY OF CLASSES	December 16

ADVANCED REGISTRATION FOR SPRING SEMESTER ENDS	December 16
FINAL EXAMINATIONS COMMENCE	December 17

During Christmas Recess, College Offices will be open except on afternoon of December 24 and December 31.

*Late admission and registration subject to approval by the Registrar.

Note: The College reserves the right to make changes in the information stated in this calendar without prior notice.

Note: Effective April 1, 1976, a non-refundable application fee of \$10.00 must accompany every application requesting admission to the College for the first time.

SPRING SEMESTER 1977

LAST DAY TO CONFIRM ADVANCE Registration With Payment of Registration Deposit of \$25.00	December 16
*LAST DAY TO APPLY FOR REGULAR ADMISSION	December 20
LAST DAY TO CANCEL ADVANCE Registration and Receive Refund of Registration Deposit if Deposit of \$25.00 Previously Paid	December 29
FIRST DAY OF REGULAR REGISTRATION	January 4
*LAST DAY OF REGULAR REGISTRATION	January 7
LAST DAY OF REGULAR REGISTRATION Without Payment of Late Registration Penalty of \$25.00	January 7
FIRST DAY OF CLASSES	January 10
LAST DAY FOR REGISTRATION ADJUSTMENT and For Late Registration With Payment of \$25.00 Penalty	January 18
LAST DAY FOR PAYMENT OF FEES	January 21
NO TUITION REFUND AFTER THIS DATE	March 4
LAST DAY TO WITHDRAW FROM A COURSE OR Program Without Instructor Approval With Award of "W" Grade	March 26
COLLEGE CLOSED: Good Friday	April 8
Easter Monday	April 11
GRADUATION	April 17
ADVANCE REGISTRATION FOR FALL SEMESTER BEGINS	April 18

LAST DAY TO WITHDRAW FROM A COURSE OR Program With Instructor Approval With Award of "W" Grade	April 21
ADVANCE REGISTRATION FOR FALL SEMESTER ENDS	April 21
LAST DAY OF CLASSES	April 22
FINAL EXAMINATIONS COMMENCE	April 25
ADVANCE REGISTRATION FOR FALL SEMESTER ENDS	April 22
*Late admission and registration subject to approval by the Registrar.	

Note: All students must pay a Registration Deposit of \$25.00 to complete their registration. See Page 25.

SUMMER SESSION I 1977

In order to avoid disappointment, students are encouraged to register early. Fees must be paid at the time of registration.

For a schedule and application form, contact the Registrar's Office.

LAST DAY OF REGISTRATION SUMMER SESSION I	April 26
FIRST DAY OF CLASSES	May 2
LAST DAY FOR REGISTRATION ADJUSTMENT	May 5
NO TUITION REFUND AFTER THIS DATE	May 5
COLLEGE CLOSED: Victoria Day	May 23
LAST DAY TO WITHDRAW FROM ALL COURSES WITH AWARD OF "W" GRADE	June 24
LAST DAY OF CLASSES	June 24
FINAL EXAMINATIONS COMMENCE	June 27

SUMMER SESSION II 1977

In order to avoid disappointment, students are encouraged to register early. Fees must be paid at the time of registration.

For a schedule and application form, contact the Registrar's Office.

LAST DAY OF REGISTRATION SUMMER SESSION II	June 28
FIRST DAY OF CLASSES	July 4
LAST DAY FOR REGISTRATION ADJUSTMENT	July 7
NO TUITION REFUND AFTER THIS DATE	July 8
COLLEGE CLOSED	August 1
ALL COURSES WITH AWARD OF "W" GRADE	August 26
LAST DAY OF CLASSES	August 26
FINAL EXAMINATIONS COMMENCE	August 29

_____ 1976 _____

APRIL

				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

AUGUST

1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

DECEMBER

DECEMBER						
			1	2	3	4
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12	13	14	15	16	17	18
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_____ 1977 _____

APRIL

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AUGUST

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28	29	30	31			

DECEMBER

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18	19	20	21	22	23	24
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1978

APRIL

2	3	4	5	6	7	8
9	10	11	12	13	14	15
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23	24	25	26	27	28	29
30						

AUGUST

			1	2	3	4	5
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13	14	15	16	17		18	19
20	21	22	23	24		25	26
27	28	29	30	31			

DECEMBER

3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

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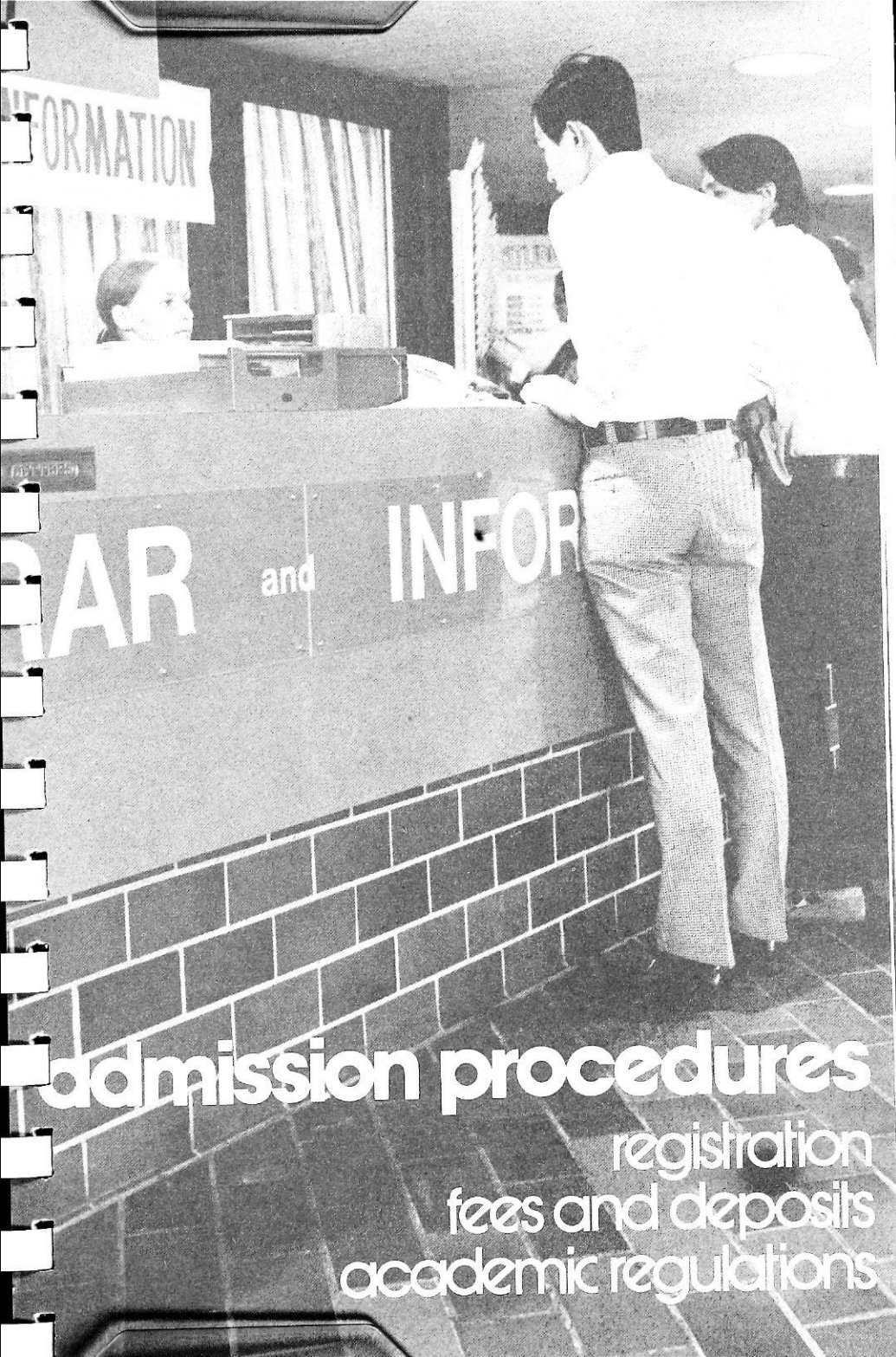
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admission procedures

registration
fees and deposits
academic regulations

ADMISSION

ADMISSION PROCEDURE FOR NEW STUDENTS

To be considered for admission to the College, all prospective students must have on file in the Office of the Registrar and Director of Admissions, a completed application, all transcripts, and health history questionnaire signed by a Medical Doctor.

INITIAL INQUIRY: Inquiries regarding admission must be directed to the Registrar and Director of Admissions, Mount Royal College, 4825 Richard Road S.W., Calgary, Alberta, T3E 6K6, Telephone: (403) 246-6551. Upon receipt of the inquiry, a detailed letter of instructions, an application for admission, a health history questionnaire, a request for transcript form for High School marks, a College Calendar and other information brochures, if requested, will be provided.

APPLICATION: Prospective students must submit a completed application on the official application form. The health questionnaire and transcripts, along with other information requested should also be submitted. A notice of acceptance and a permit to register form will be sent to a prospective student when evaluation of documents received establishes admissibility. **See Page 24 for application fee information.**

LIMITED PROGRAMS: The College offers what is referred to as, "Limited Programs." These are programs which will normally accept a limited number of students into the first year. Completed applications for these programs will be reviewed on a "first come, first served" basis. The College begins accepting applications for limited programs following October 15 of the year prior to commencement of the program.

NOTE: All students accepted into limited enrollment programs will be required to pay a \$50.00 deposit, non-refundable, within three weeks of notification of acceptance into the program. (Includes \$25.00 registration fee.)

The following are identified as "Limited Programs."

Aviation
Broadcasting
Community Recreation
Early Childhood Education and Development
Interior Design
Journalism
Medical Office Assistant
Nursing
Public Relations
Youth Services
Therapeutic Recreation

ADMISSION PROCEDURE — CONTINUING STUDENTS

Continuing students are defined as those who have not interrupted the normal progression of their academic program. Continuing students will be notified prior to the end of any given semester as to how to enroll for a subsequent semester.

ADMISSION PROCEDURE — READMITTED STUDENTS

Students who have interrupted their academic program will have to reapply and be admitted in the same manner as new students. (See above.)

Important Note: Students who have interrupted their program and re-entered the College shall be required to complete current graduation requirements of the year of their re-entry to be eligible for Mount Royal College Graduate status. Consideration will be given to the work students have completed during their first entry and work experience gained between their first and second entry. Courses that such students shall be required to complete for Graduate Status shall be determined in consultation with the appropriate Department Chairman.

ADMISSION PROCEDURE — READMISSION AFTER DISQUALIFICATION

One regular semester must elapse after disqualification for poor scholarship before a student is eligible to petition for readmission. Petitions for readmission must be received by the Admissions Office at least one month prior to the beginning of the semester to which the student is seeking admission. Opportunities for readmission following disqualification will be enhanced by:

1. Vocational experience in an area related to the desired studies at Mount Royal College.
2. Participation in vocational or educational counselling at a professional agency.
3. Participation in a recognized basic skills upgrading program (reading, writing, mathematics, study skills.)

ACADEMIC ADMISSION REQUIREMENTS

ADMISSION REQUIREMENTS — TWO YEAR DIPLOMA PROGRAMS AND ONE YEAR CERTIFICATE PROGRAMS

In order to be admitted to the above mentioned programs, students must be 18 years of age or over and have left high school or possess an Alberta High School Diploma or its equivalent. To enhance the opportunity for transfer to a University at a later date, it is recommended that students intending to transfer possess at least a High School Diploma or, alternatively, complete two semesters and ten courses successfully with a GPA of 2.0 to be considered for admission to the universities in Alberta by recommendation. (See page 18).

Due to the range and depth of material to be covered, individual students may be required to complete additional requirements for admission to specific programs. See Admission Requirements for Aviation, Music, Nursing and Architecture.

Students who have deficiencies in their Alberta High School Diploma may attempt to clear the deficiencies by enrolling in selected college courses as recommended by their Academic Advisor.

ADMISSION REQUIREMENTS — UNIVERSITY OF CALGARY TRANSFER PROGRAMS

Under the terms of affiliation between Mount Royal College and the University of Calgary, specified first year University of Calgary courses are offered at Mount Royal College. A student is admitted to University of Calgary approved courses if he meets one of three sets of criteria:

University Transfer Program A: A student who wishes to register in the program must hold senior matriculation standing according to the faculty desired as specified by the University of Calgary. A student so admitted will be permitted to carry as many as five full University of Calgary courses.

University Transfer Program C: A student with an average of less than 60% with 50% or higher standing in five matriculation subjects will be admitted on the understanding that one or more Grade XII senior matriculation equivalent subjects will be completed in order to gain a 60% average. Along with University of Calgary courses, the combined total is not to exceed five courses in any session.

— OR —

Applicants with 50% or higher in acceptable Alberta Grade XII subjects (or equivalent) may take a combination of senior matriculation equivalents and University of Calgary courses, the total not to exceed five courses in any given session.

For example, a student with one deficiency would complete one senior matriculation equivalent and four University of Calgary courses for a total of five courses. A student with four deficiencies would only be allowed to complete one University of Calgary course.

The student admitted to Program C is responsible for clearing any matriculation deficiency. To do this, students in consultation with their Academic Advisors will take appropriate courses, usually during the first semester. Normally, C Program students will not be allowed to enroll in more than four full University of Calgary courses.

Students of Mount Royal College may clear their matriculation deficiency in the C Program by writing the appropriate Department of Education examination or by completing Mount Royal College courses deemed acceptable alternatives by the Alberta Colleges Commission. The Mount Royal College courses and the Department of Education courses they may be used in place of, are listed below:

Mount Royal College Courses		Department of Education Courses	
Biology	1110	Biology	30
Chemistry	1180	Chemistry	30
Economics	1180	Economics	30
English	1180	English	30
French	1111	French	30
German	1111	German	30
Mathematics	1179	Mathematics	30
Mathematics	1180	Mathematics	31
Physics	1180	Physics	30
Social Science	1180	Social Studies	30

For the purpose of computing matriculation average only, the University of Calgary will evaluate Mount Royal College course grades for the Department of Education equivalent courses only, as indicated below. THIS GRADING SCALE MUST NOT BE CONFUSED BY STUDENTS OF MOUNT ROYAL COLLEGE WITH THE GRADING SCALE TO WHICH OTHER COLLEGE COURSES ARE GRADED.

MRC Letter Grade	Percent Scale
A+	90%
A	80%
B+	75%
B	70%
C+	65%
C	60%
D+	55%
D	50%

Students who are eligible to use a non-departmental subject to clear their matriculation deficiency must complete an Alberta Department of Education five credit Grade XII subject in order to do so.

ADMISSION TO THE UNIVERSITY OF CALGARY BY RECOMMENDATION

Students who do not meet the normal requirements for admission to Alberta universities may qualify for admission by successfully completing 10 Mount Royal College courses with a Grade Point Average of no less than 2.00. The University of Calgary will accept students under this arrangement provided the University receives a letter from the Registrar of Mount Royal College giving reasons why the student should be deemed to have satisfied matriculation requirements. Where these conditions are satisfied, the student shall receive automatic admission to the appropriate faculty or school PROVIDED the faculty or school has no admission requirements other than matriculation requirements. Where selection procedures are involved in the admission to a faculty or school of the University of Calgary (presently the Faculty of Social Welfare and the Faculty of Nursing), the applicant shall be treated on the same basis as any other person seeking admission to that faculty or school.

In addition, such students, upon recommendation, can receive up to five full courses of advanced credit in the Faculty of Arts and Science provided the courses recommended are listed in the University of Calgary Transfer Guide or are University of Calgary or University of Alberta courses as offered at the sending institution. Other undergraduate faculties and schools at the University of Calgary are also prepared to consider the awarding of transfer credit.

ADMISSION REQUIREMENTS — MATURE NON-MATRICULATED STUDENTS

Mount Royal College will be pleased to accept applications for entry to Programs A or C from students of mature age, who desire a university education but who are unable to present complete matriculations. Such applicants should also consult with the appropriate faculty or school at the University of Calgary which they wish to eventually enter for a letter indicating their acceptability as a mature non-matriculated student. Due to limited enrollments, the Faculties of Nursing and Social Welfare at the University of Calgary cannot grant mature students permission to attend Mount Royal College.

ADMISSION REQUIREMENTS — MOUNT ROYAL COLLEGE FOREIGN STUDENTS

Applications for admission are accepted from persons on a Tourist Visa, if the required documents and application forms are filed with the Registrar's Office. Applicants whose schooling has been completed in countries other than Canada must present official, notarized certificates or credentials which provide proof of high school education standing. When the certificates are in a language other than English, notarized English translations must accompany them.

On completion of evaluation of transcripts and other documents, a letter of acceptance may be given. This letter will be required in order to support immigration of Student Visa documentation. This latter action is the responsibility of the student. A valid Student Visa must be held by the prospective student before official registration will commence.

Applicants who are in Canada on a Student Visa but attending another school in the country must complete at least one semester at the other school to which they were originally admitted before their application can be considered.

ADMISSION REQUIREMENTS — ENGLISH LANGUAGE PROFICIENCY

Applicants from countries other than Canada, whose native language is not English, must demonstrate proficiency in the English language before they will be permitted to

enroll in a regular program of studies. In this respect, all foreign student applications must provide test information regarding their English language proficiency by submitting the results of the Test of English as a Foreign Language (TOEFL). Details and applications for this test may be obtained from Test of English as a Foreign Language, Box 899, Princeton, New Jersey 08540, U.S.A.

Admission to College programs will be determined on the basis of TOEFL scores as follows:

- Score 500 or less — Student must register in the College English as a Second Language (EASL) program for two complete semesters.
- Score 501 to 599 — Student with this score will be admitted to an Academic upgrading program of two semesters duration.
- Score 600 or more — Student will be admitted to any program, assuming other requirements are satisfied.

In all cases described above, a student must complete the two semesters of work before a recommendation for transfer to another program will be given.

STUDENTS WITH EDUCATIONAL DEFICIENCIES

Mount Royal College admits students in accordance with its open-door policy, who are 18 years of age or over, regardless of their educational background. Although opportunity for further instruction is thus provided, students with educational deficiencies should not expect necessarily to complete any Mount Royal College program in the normal time allotted. Such students may be advised to enroll in an additional preparatory course(s) in order to enable them to complete their program of studies at the College successfully.

WAIVE OF CONSENT FORM

After advising and/or counselling, a student may be asked to sign a **Waive of Consent Form** if it is felt that the student may have academic difficulty in his chosen program. It should be noted that not signing a **Waive of Consent Form** is not a guarantee of success in a program.

PROGRAMS AVAILABLE AT MOUNT ROYAL COLLEGE

PROGRAMS OF STUDY	ADMISSION REQUIREMENTS							TYPE OF PROGRAM				
	Calendar Page	High School Matriculation	High School Diploma OR 18 years of age	Mature Non-Matriculant (See page #)	Special Qualifications (See page #)	One Year Transfer — U. of C.	One Year Career	Two Year Transfer	Two Year Career	Limited Enrolment Program	Miscellaneous	
Agriculture		x		x		x						
Applied Social Sciences			x					x				
Architecture					x	x		x	x	x		
Aviation					x							
Bachelor of Arts		x		x		x						
Bachelor of Science		x		x		x						
Broadcasting			x					x	x	x		
Business Administration		x	x	x		x	x	x	x			
Canadian Studies			x					x				
College Preparatory		Contact Counselling Centre — 246-6581										
Completing Matriculation			x	x							x	
Computing Science			x					x				
Community & Regional Planning			x				x		x			
Community Recreation (Leisure Ed.)			x					x	x	x		
Correctional Careers			x						x			
Correctional Officer			x				x					
Early Childhood Education			x		x		x		x	x		
Education		x		x		x						
Engineering			x					x				
English as a Second Language					x						x	
Environmental Quality Control			x				x		x			
General Arts & Science			x					x				
General Interest		x	x	x							x	
Industrial Security			x				x					
Interior Design			x					x	x	x		
Journalism			x						x			
Leisure Facilities Operations			x						x			
Medical Office Assistant			x						x	x		
Music					x			x	x			
Nursing					x				x	x		
Petroleum Land Management			x					x				
Pharmacy		x		x		x						
Physical Education		x	x	x		x		x				
Police Science			x				x	x	x			
Pre-Dentistry		x		x		x						
Pre-Medicine		x	x	x		x						
Pre-Nursing					x					x	x	
Pre-Veterinary		x		x		x						
Public Administration			x				x		x			
Public Relations			x					x	x	x		
Secretarial Arts			x					x	x			
Social Service Careers			x									
Speech			x					x	x			
Stenographers			x				x					
Theatre Arts			x					x				
Therapeutic Recreation			x						x	x		
Youth Services			x				x			x		

REGISTRATION

REGISTRATION

Registration in Mount Royal College requires agreement by the student to be bound by the rules and regulations in existence or as made modified or amended from time to time by the Board of Governors or persons who, by virtue of delegation of authority, may make, modify or amend rules. Only students who have been admitted or re-admitted may register. The completion of an Approved Program of Study Form and other documents indicated by the Registrar's Office comprise the agreement referred to above. **See Page 25 for Registration Fee and Page 25 for Late Registration Fee.**

PERMIT TO REGISTER

Upon completion of admission requirements and declaration of admissibility, new students will receive a Permit to Register. Upon receipt of the Permit to Register, the student is permitted to make a Program Advisor appointment and to prepare for the registration process.

COUNSELLING AND ADVISING SERVICES

Counselling and advising is an integral part of the registration process. New full-time students are urged to meet with members of the counselling staff prior to registering for the first time at the College. Specialized Program Advisors are available and must be consulted when planning the student's program and completing the Approved Program of Study Form. Counsellors and Program Advisors provide continuing academic counselling and guidance throughout the student's academic career.

REGISTRATION DATES

Students must register on the registration dates announced in the College calendar. Admission applications should be filled out and sent to the Office of the Registrar and Director of Admissions well in advance of registration day. No registrations will be permitted beyond the published registration dates.

MASTER TIMETABLE

The courses offered in each semester are published in the Master Timetable several months prior to the commencement of the semester. The College reserves the right to make any changes it deems necessary and to adjust the student's registration to meet this schedule. Timetable information is available at the Registrar's Office.

PLANNING THE STUDENT'S SCHEDULE OF COURSES

The master timetable schedules courses in the morning, afternoon and evening hours. Full-time students are expected to devote both mornings, afternoons and evenings to their program of studies.

STUDENT RESPONSIBILITY

Each student is personally responsible for the continuing completeness and accuracy of his course registration as shown in his Approved Program of Study. To ensure that courses selected are appropriate to the program, including the number of courses required to complete requirements for graduation, particular care should be exercised with regard to the selection of courses. The student is also responsible for any change of registration made by the results of examinations. Counsellors and program advisors are available to assist the student in his selection of a program and the relative courses.

The official withdrawal date from a course or program is the date the student first advises the Registrar's Office of intent to withdraw. This date will be used for fee refund purposes.

AUDITORS

Auditors are students who have been granted permission by an instructor to attend lectures in a course on the understanding that they may not participate in assignments or examinations. Such permission will be contingent upon accommodation being available.

Students once registered for audit are not permitted to change to credit; neither are students who have registered for credit permitted to change to audit. Audit courses will be reflected on the student's permanent record as "X".

Note: Students who audit nursing courses are not allowed to participate in clinical laboratory experiences.

Audit: The student may, in succeeding terms, take any course for credit which he has previously audited.

INCOMPLETE REGISTRATION

Registration is not complete until all fees have been paid and proper procedure followed. Failure to satisfy any of the admission or registration requirements may result in the removal of a student from all classes.

COURSE CHANGES

Programs should be carefully planned under the guidance of the Program Advisor so that changes in registration will not be necessary. After a student has completed his registration, changes may be made only through the Office of the Registrar and Director of Admissions by means of a Drop-Add Form completed in the presence of the student's advisor. Normally changes may be made only during the course change period as announced in the Academic Schedule.

DROPPING COURSES AFTER CLOSE OF REGISTRATION

The courses for which a student is registered at the close of the change of registration period constitute his official registration and semester load. A student may, without the approval of his instructor, officially drop a course or courses from his Approved Program of Studies with a mark of "W" after the close of the Drop/Add period and up to one month prior to the end of the last day of classes indicated in the Academic Schedule.

In the period from one month prior to the last day of classes, a student must obtain the approval of his instructor before he may be officially withdrawn from a class. A student who quits a course for which he is officially registered by absenting himself will receive a grade of "I" at the end of the semester.

Also, a student who withdraws from a class in the last month without the approval of his instructor will receive a grade of "I". No student will be permitted to drop a course during the weeks in which final examinations begin nor will any student ever be allowed to drop the last course for which the student is registered as this constitutes an official withdrawal from Mount Royal College.

To drop a course, a student will obtain from the Office of the Registrar and Director of Admissions an Authorization For Dropping Course Form and process it according to the instructions shown on the form.

COURSE CANCELLATION BY THE COLLEGE

A course cancelled by the College, for whatever reason, is automatically dropped from the student's registration.

STUDENT WITHDRAWAL FROM THE COLLEGE

Students who find it necessary to withdraw from the College must withdraw officially by obtaining and completing an official Withdrawal Form from the Office of the Registrar and Director of Admissions.

Until a student withdraws officially, he is registered in all courses and will at the end of the semester, receive grades appropriate for his performance in each course. No student will be permitted to withdraw during the week in which final examinations begin.

PROGRAM OR COURSE WITHDRAWAL INFORMATION	
ACTION	DEADLINE DATES
Withdrawal — Course DROP Action Student withdraws/drops course prior to last day Drop/Add Session Course will NOT show on transcript	September 14, 1976 January 18, 1977
Withdrawal — Program or Course Student may withdraw from program or course without Instructor's approval; however, Instructor must state last date of class attendance for refund purposes No refund of tuition after November 1. Transcript records "W" grade.	November 16, 1976 March 26, 1977
Withdrawal — Program or Course Student wishes to withdraw from program or course after November 16, or March 26, 1977. Will require Instructor's approval. If Instructor does not wish to give approval, grade of "1" will be awarded.	After November 16, 1976 or March 26, 1977, to last day of classes in each semester.
Withdrawal — Program or Course No withdrawal approved during examination week. If student quits College, an "I" grade will be awarded.	
NOTE: It is the personal responsibility of a student to deliver his application for withdrawal to the Office of the Registrar or else formal withdrawal action will not be completed. Telephone withdrawals will not be accepted.	
FOR REFUND INFORMATION, SEE PAGE 27	

INSTRUCTOR INITIATED WITHDRAWAL

After the expiration of one month from the beginning of classes an instructor may request the withdrawal from his class of any person registered for that course who has not appeared in class at any time or has not completed assignments, tests or examinations.

A student so withdrawn will have two weeks to respond in writing to the Registrar stating the reason why his name should not be withdrawn.

Failure to appeal or respond to notice of intent to withdraw will result in the automatic removal of the student from the class list.

Application for Appeal Forms may be obtained from the Office of the Registrar.

TRANSCRIPTS

Official transcripts bearing the seal and signature of the Registrar will be issued only to educational institutions and companies. A student will be issued only unofficial transcripts, without the school seal. A fee of \$1.00 will normally be charged for each transcript. Transcripts will not be issued for students who have not fulfilled their financial or other obligations to the College, such as the return of library material and/or other College equipment.

TRANSFER ARRANGEMENTS AND ADVANCE CREDIT — UNIVERSITIES

It is the responsibility of the student who intends to transfer to a university after completing studies at Mount Royal College to ensure that courses taken at the College are acceptable to the receiving institution. As a safeguard against refusal to grant advance credit, the student should obtain confirmation in writing from the university that the courses he intends to offer for advance credit are acceptable.

STUDENTS WHO REGISTER AGAINST ADVISOR'S RECOMMENDATION

Any student who, as a result of the "open-door" policy, insists on registering in a course for which he does not have the recommended preparation will be required to sign a waive of consent form acknowledging that he is doing so against the advice of the college and indicating that he expects no special assistance beyond that available to all other students.

FEES AND DEPOSITS

The payment of all fees and deposits is compulsory. The Board of Governors reserves the right to change fees and deposits when necessary and without notice. Fees and deposits are due on dates shown in the Academic Schedule.

TUITION AND GENERAL FEES

Tuition and general fees cover accident insurance, athletics and laboratory fees. The cost of textbooks and other materials relevant to college courses are over and above the tuition, general fees and other special fees.

APPLICATION FEE

Effective April 1, 1976, a non-refundable application fee of \$10.00 must accompany every application requesting admission to the College for the first time. Applications received without the fee will not be processed. If an applicant is accepted, the fee will apply against normal tuition fees. If the applicant is not accepted for admission, the fee will be refunded. An applicant who has been accepted but fails to attend after a letter of acceptance has been given will not receive a refund. **STUDENTS WHO HAVE PREVIOUSLY ATTENDED THE COLLEGE ARE NOT REQUIRED TO PAY THIS FEE.** A cheque or money order made payable to Mount Royal College should accompany every application.

LATE REGISTRATION FEE:

All students registering after the regular registration date shown in the Academic Schedule are required to pay an additional fee of \$25.00. This fee will not be refunded, nor is it applied to normal tuition fees. See Registration, page 21.

STUDENT ACTIVITIES FEE

This fee is levied each semester. It is intended to provide financial support for the administration and operation of all Students' Association activities.



REGISTRATION DEPOSIT:

Each continuing or new full or part time student who registers during the advance registration period is required to pay a non-refundable registration deposit prior to the cut off date shown in the Academic Schedule (August 6, for the 1976 Fall Semester and December 29, for the 1977 Spring Semester). The registration deposit confirms acceptance of admission and reserves the student a place in the program selected. (See also Page 28.) Students who register during the regular registration period will also pay the registration fee at the time of registration. The deposit is non-refundable, and is applied against normal tuition fees. If a student does not cancel registration prior to the cut off dates shown above, does not show for classes, or withdraws from the College at any time after the semester commences, the registration deposit is forfeited.

BUILDING AND PLANNING FEE

This fee is levied each semester. It is used by the Students' Association for provision of student owned areas and space.

SEMESTER FEE SCHEDULE — [EXCLUDING AVIATION PROGRAM]

Credits	Tuition & General	Student Activities	Building Fund	Total Fees
1	\$ 14.00	\$	\$3.00	\$ 17.00
2	28.00		3.00	31.00
3	42.00		3.00	45.00
4	56.00		3.00	59.00
5	70.00		3.00	73.00
6	84.00	7.50	3.00	94.50
7	98.00	7.50	3.00	108.50
8	112.00	7.50	3.00	122.50
9	126.00	12.50	6.00	144.50
10 and Over	145.00	12.50	6.00	163.50
NO. OF CREDITS 		TOTAL FEES 		
For students auditing, see page 26				

SPECIAL FEES

AVIATION PROGRAM FEES — In addition to the regular tuition and general fees, flight training fees for the two year aviation program are approximately \$8,000.00, payable as follows:

1st Semester — 25%

3rd Semester — 33%

2nd Semester — 25%

4th Semester — 17%

Further details may be obtained from the Office of the Registrar.

AUDIT FEES — Auditors are students who have been granted permission by an instructor to attend lectures in a course on the understanding that they may not participate in assignments or examinations.

The audit privilege is restricted to students who receive written permission from the instructor with the additional condition that accommodation is available. Students once registered for audit are not permitted to change to credit; neither are students who have registered for credit permitted to change to audit.

Audit Fee per credit — \$7.50 plus normal Building and Planning Fee according to number of credits.

SECRETARIAL ARTS ARTICULATION FEE — This fee covers the cost of preparation of examinations, the invigilation and the marking of papers for Secretarial Arts students entering the Secretarial Arts program under the articulation agreement. The fee is \$25.00.

CHALLENGE EXAMINATION FEE — A fee of \$25.00 is assessed for each course which is challenged by examination.

PAYMENT OF FEES

PAYMENT: The APPROVED PROGRAM OF STUDY form, which shows fee assessment data, constitutes the student's invoice. No other invoice will be issued. Students are expected to pay tuition and all other fees at the time of registration or as shown in the Academic Schedule.

STUDENT LOAN — SPONSORSHIP: Students attending on a student loan or through sponsorship must provide evidence of the student loan or sponsorship to the Business Office. The evidence will be regarded as guarantee of payment and should be so worded.

DEADLINE FOR PAYMENT: The absolute deadline for payment of fees in full is the last day of the second week of classes. If payment is NOT RECEIVED within this time, a late payment penalty of 10% of the unpaid balance will be levied. STUDENTS WHOSE FEES ARE UNPAID AT THE END OF THE FOURTH WEEK OF CLASSES WILL HAVE THEIR REGISTRATION CANCELLED.

NON-PAYMENT OF FEES — Second Semester and Beyond: Non-payment of fees in any semester results in the cancellation of registration for that semester. Non-payment for the second semester and beyond will mean that, until all financial obligations attributable to fees, deposits, non-return of equipment and material are settled, Grades, Transcripts, Diplomas, Scholarships, Medals, Prizes or standings will not be awarded or issued.

NOTE:

For the convenience of students making fee payments, fee drop boxes have been installed in the following locations:

Office of the Registrar
Bookstore
Business Office

Cash must not be placed in these boxes — Cheques only, together with completed remittance form.

Students intending to apply for a government loan must complete a loan application in the Financial Aid office — **AT THE EARLIEST OPPORTUNITY.**

12 CREDIT HOURS ARE NECESSARY TO QUALIFY FOR A LOAN

REFUND OF STUDENT ASSOCIATION AND BUILDING FUND FEES

If a student withdraws within two weeks from the commencement of the school semester, he shall be refunded his Students' Association and Building Fund Fees in full.

If he withdraws after this time there will be no refund of Students' Association or Building Fund Fees.

REFUND OF TUITION AND GENERAL FEES

Students withdrawing from the College or classes will receive a refund based on a percentage of the total semester fees PAID in accordance with the following schedule, **LESS ALL NON-REFUNDABLE FEES AND DEPOSITS.***

Formal Withdrawal from Course or Program During:	*Refund Due to Student if Tuition Fee is Paid in Full Prior to Formal Withdrawal	*Amount Due to College if Student has not Paid Tuition Fee in Full Prior to Formal Withdrawal
1st or 2nd week of classes	100% refund	Student owes College nothing
3rd or 4th week of classes	60% refund	Student owes College 40% of original tuition fee
5th, 6th, 7th, 8th week of classes	40% refund	Student owes College 60% of original tuition fee
After 8th week of classes	No Refund	Student owes College 100% of original tuition fee

SENIOR CITIZEN FEES

Residents of Alberta who are 65 years of age or older at the time of commencement of studies at the College are not required to pay tuition fees for credit courses taken at the College. This waiver of tuition fees is made subject to the availability of space in a course. Requests for further details regarding the College Senior Citizen Study Program should be directed to the Office of the Registrar.

LOCKERS—ISSUED BY THE BUSINESS OFFICE

Lockers are shared by two students and may be rented at the following rates per student:

Full year \$1.00

One Semester .50

NOTE: At the end of the semester for which rent has been paid, all items left in lockers will be turned over to the Lost and Found Department. Ninety days thereafter, all unclaimed items will be disposed of. Mount Royal College does not accept responsibility for any damage to the contents or loss of items from lockers which have been rented to students and/or other parties.

LIMITED PROGRAM DEPOSIT

All students accepted into limited enrolment programs will be required to pay a \$50.00 deposit within three weeks of notification of acceptance into the program. The deposit is non-refundable and is applied against the tuition fee for the program.

ACADEMIC REGULATIONS

ACADEMIC YEAR

The standard academic year consists of a Fall Semester and Spring Semester of 16 weeks each.

SIMULTANEOUS ENROLLMENT

A student enrolled in Mount Royal College should not enroll simultaneously in another college or university without prior permission from the Registrar of the college he attends.

ADVANCE CREDIT

Mount Royal College may grant credit for work completed at an accredited post-secondary educational institution. Only courses completed with an equivalent of a "C" grade or better in subjects equivalent to current offerings at Mount Royal College will be considered.

The amount of advance credit which may be given is limited by the Residence Requirements.

Application for advance credit must be made through the Office of the Registrar and Director of Admissions.

Advance credit will not be given for course work completed 6 years prior to the date on which advance credit is requested.

ARTICULATION ARRANGEMENT — SECRETARIAL ARTS

The Secretarial Arts Department of Mount Royal College has completed an articulation arrangement whereby Alberta high school students who have a business education background may apply for advanced credit in the secretarial programs of the College. To qualify for articulation privileges, see page 79. The articulation fee is \$25.00.

ATTENDANCE POLICY

It is the responsibility of the student to attend all classes. It is the policy of the College to require a student to conform to the particular attendance requirements established by his instructors. Students are warned that they stand a chance of losing their seat in a class if they fail to attend each class on the first day it meets. In the situation where circumstances prevent a student from attending the first class, notification of instructor of expected absence will ensure that the seat in the class is held.

ABSENTEEISM

Students who absent themselves from courses rather than complying with the withdrawal procedures will be recorded as having failed the course.

CHANGE OF GRADE

A final grade of "I" may be changed to a letter grade by entering into a contractual agreement as described on Page 31. Grades for which a contract has not been set, once reported to the Registrar's Office, can only be changed upon the authorization of the faculty member issuing the original grade and the approval of the Dean of Instruction.

CHEATING

All matters of cheating will be dealt with by the Dean of Instruction or his designate.

In the case of a first offence, the credit for the course will not be given, and the course must be repeated in order to obtain credit.

In the event of a second offence, the student will be immediately expelled and will not be readmitted to the College.

CREDIT BY EXAMINATION – SUBJECT TO DEPARTMENTAL APPROVAL

Mount Royal College recognizes that persons may gain knowledge through methods other than study at an accredited post-secondary educational institution. In recognition of this students may gain credit in any introductory level college course (see page 28) by successfully challenging an examination established by the department concerned.

The amount of credit by examination which may be gained by any student is limited by the Residence Requirement.

Application for credit by examination must be made through the Office of the Registrar and Director of Admissions.

A fee of \$25.00 will be assessed for each examination. This fee is non-refundable after the instructor has been advised to prepare the examination.

CREDIT HOURS

Traditionally one hour of credit (credit hour) has indicated an hour of lecture or tutorial class per week per semester. With the changing instructional mode one hour of credit indicates the comparable amount of learning which is actually attained through some combination of lectures, tutorials, seminars, laboratory or field placement activities together with directed independent and/or individualized study.

EXAMINATION POLICY

Final examinations are the responsibility of each Department; however, the duration of these examinations may be limited by the Dean of Instruction.

GRADE POINT AVERAGE

The grade point average is determined by dividing the total grade points earned by the number of credit hours attempted. The I, W, X, and Y grades are not included in calculating the grade point average.

Example of how to calculate a grade point average: Assume a student earns the following grades: Administration A, Chemistry B, English C, Geology D, Mathematics I, Psychology W.

Course	Grade	Points		Credits		Grade Points
Administration 1122	A	4	x	4	=	16
Chemistry 1180	B	3	x	4	=	12
English 1110	C	2	x	3	=	6
Geology 1120	D	1	x	3	=	3
Mathematics 1114	I	0	x	0	=	0
Psychology 1110	W	0	x	0	=	0
				14		37

TOTAL GRADE POINTS ÷ TOTAL CREDITS = G.P.A.

Example: 37 Grade Points ÷ 14 Credits = 2.64

G.P.A. = 2.64

IDENTIFICATION CARDS

Identification Cards are required for all students who wish to check out resources from the Library and Resource Islands and to use the facilities of the Students Association. A card proves that a student is registered at the College.

The card is validated for use each semester upon presentation of a registration form. If a student loses his identification card, he should report its loss to the Library or Resource Island immediately. This serves as a protection in that until this is done, a student is responsible for all equipment checked out with his card. A new card will be issued by the Registrar's Office for a price of \$5.00.

MAXIMUM STUDENT COURSE LOAD

A student with a less than satisfactory academic performance record may be advised to take a course load reduced to below the normal load shown in the calendar. Students carry from 14 to 19 credits a semester depending on the program of study. First year students in their first semester will not be permitted to enrol in more courses than shown in the Calendar under the program of their choice. A student who has not successfully completed all courses in a normal program load in the program of their choice in a semester, and attained a grade point average of 3.00 will not be permitted to register for an additional course over the normal program load, in the next semester. There will be no exception to this policy.

REPETITION OF A COURSE

Students may repeat any course. When a course is repeated the original grade remains on the student's record and is included in his grade point average.

A course, may only be counted once for any program requirement pertaining to graduation.

GRADE REPORT TO STUDENTS

A grade report will be sent to each student at the end of each semester after he completes his final examinations and after his credentials and financial obligations at the College are in order. It is the responsibility of each student to keep the Office of the Registrar informed concerning his correct address.

RESIDENCE REQUIREMENT

In order to qualify for a diploma a student must be registered at Mount Royal College for a minimum of two (2) semesters and in addition must earn a minimum of thirty (30) Mount Royal College credits. To qualify for the award of a certificate a student must earn a minimum of fifteen (15) Mount Royal College Credits.

STUDENT GRIEVANCES

There are two committees in the College to deal with student grievances:

1. MARKS REVIEW COMMITTEE

The purpose of the Marks Review Committee is to provide a means by which students can obtain a hearing if they feel they have been assigned an unjust final grade. Appeals to this committee must be submitted within 10 days of the release of grades from the Office of the Registrar.

2. GRIEVANCE COMMITTEE

The purpose of the College Grievance Committee is to deal with all other student complaints relating to the operation of the College and the Students' Association.

Students wishing to initiate a final grade review or grievance should do so by submitting a completed form to the Dean of College Services. Forms are available at the Information Kiosk on the 2nd Level, the Office of the Dean of College Services, the Registrar's Office or the Students' Association Office.

ACADEMIC STATUS

HONOUR ROLL

A student who earns 12 or more credit hours in a semester at Mount Royal College with a grade point average of 3.20 or higher and with no grades below a C will be placed on the Honour Roll for that semester.

PRESIDENT'S HONOUR ROLL

A student who earns 24 or more credit hours in an academic year at Mount Royal College with a grade point average of 3.50 will be placed on the President's Honour Roll.

GRADING SYSTEM

Grade	Interpretation	Grade Points
A	Superior	4 grade points per credit hour
B	Excellent	3 grade points per credit hour
C	Average	2 grade points per credit hour
D	Low Pass	1 grade point per credit hour
I	Incomplete	Is not calculated in the G.P.A.
W	Withdrawal	Is not calculated in the G.P.A.
X	Audit	Is not calculated in the G.P.A.
Y	Non-Credit	Is not calculated in the G.P.A.
I	A student receives an I grade for not completing term work to the satisfaction of the instructor. The I grade can be changed to a letter grade only if the student has entered a contractual agreement with the instructor for the completion of the course. When the instructor is not available, the student must contact the appropriate Division Chairman. The agreement must be arranged prior to the deadline for submission of final grades to the Registrar's Office as published in the Academic Schedule, and must be completed within 60 days after that time.	
	The decision as to whether or not the student will be permitted to enter into a contract for the completion of a course will rest with the instructor concerned.	
	The I grade may be changed to A, B, C, or D if the contract is completed within the specified time.	
	If no grade change is initiated by the Instructor before the end of the 60 day period, the I grade will become permanent.	
	Students are cautioned against accumulating 'I' grades for two reasons:	
	1. Other institutions, to which students may later want to transfer, may treat the 'I' grade as a failure.	
	2. Accumulation of 'I' grades may limit the number of courses for which a student can subsequently register (See Academic Probation Policy p. 32).	
W	A student receives a W grade following official withdrawal from a course after the registration adjustment period. No withdrawals will be permitted after the last day of lectures. Students accumulating W grades, must familiarize themselves with the implications this may have in relation to the Academic Probation Policy p. 32.	
X	The X grade is given for all courses audited.	
Y	The Y grade is given if the course is offered for non-credit.	

ACADEMIC PROBATION POLICY

In order to ensure that Mount Royal College full time students are profiting from **their educational experience** and that those who are encountering difficulties are readily identified and given an opportunity to resolve their problems, the following program has been instituted.

A. A PLAN TO IMPROVE POOR SCHOLARSHIP

A full-time student is placed on Academic Probation when:

1. He has registered for **12 credits or more in a semester** and has **successfully completed only 7 credit hours**. The remainder of his courses have been given a grade of I or W or;
2. He has **registered for 12 credits or more in a semester** and has earned a **semester G.P.A. of 1.50 or less or**;
3. He is readmitted after disqualification from Mount Royal College.

Students on Academic Probation are required to:

1. Consult with a counsellor in **Counselling Services** for an analysis of academic deficiencies. This analysis will require the involvement of the students' teachers.
2. Register for no more than **4 courses or 12 credits** per semester while on Academic Probation.
3. Refrain from formal participation in extra-curricular activities, e.g. Students Executive Council and inter-collegiate athletics.

Students are removed from Academic Probation when they are able to maintain 12 credit hours with a 2.00 G.P.A. in the following semester.

B. DISQUALIFICATION FOR POOR SCHOLARSHIP

A full time student, having been on Academic Probation will be subject to disqualification when:

1. He has registered for **24 credits or more in the preceding two semesters** and has **successfully completed** only 12 credit hours. The remainder of his courses have been given a grade of I or W or;
2. He has **registered for 24 credits or more in the preceding two semesters** and has earned a second consecutive semester G.P.A. of 1.50 or less or;
3. He has had **2 successive semesters of poor performance as defined by A.1 and/or A.2 as stated above**.

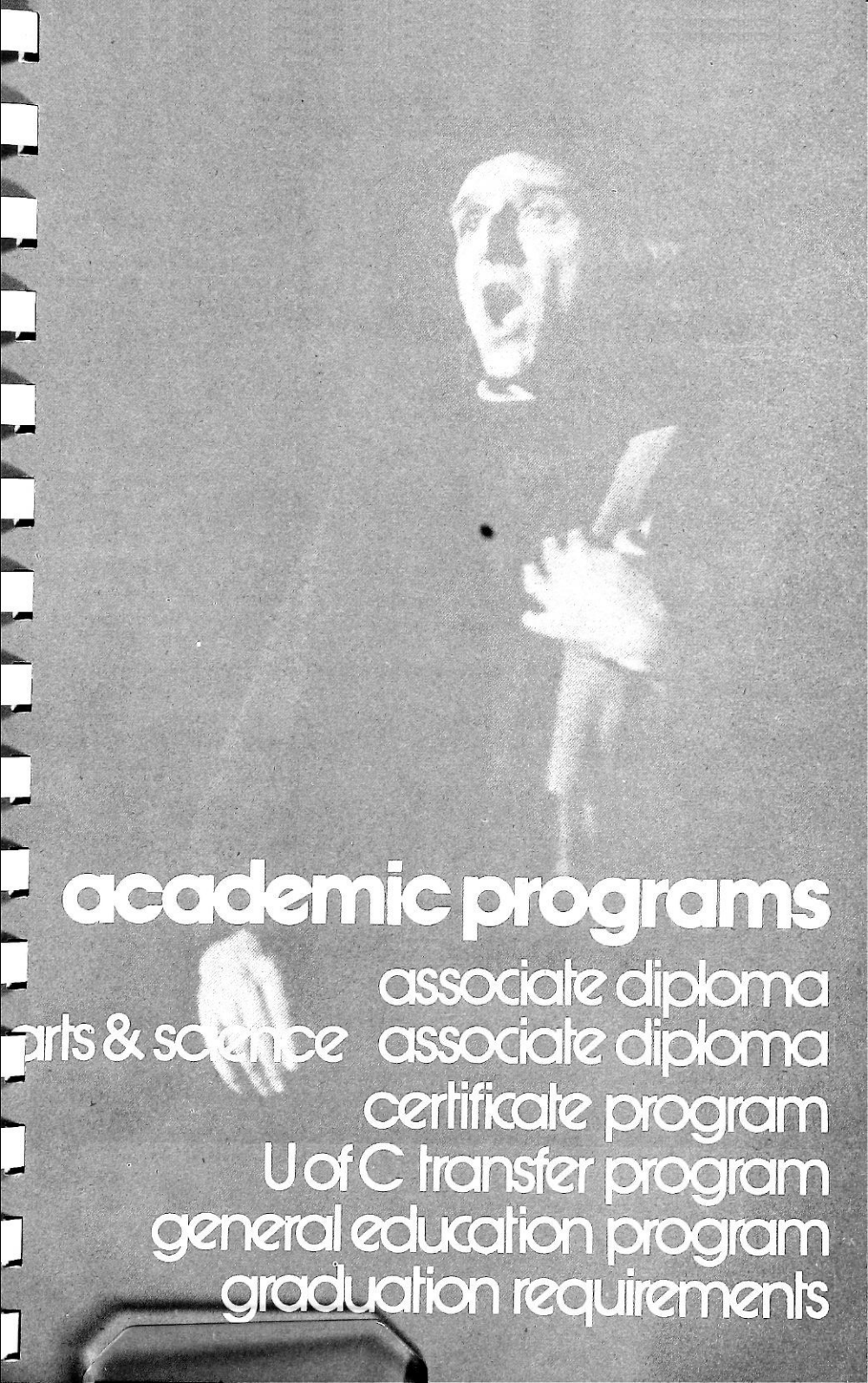
C. READMISSION AFTER DISQUALIFICATION

One fall or spring semester must elapse after disqualification for poor scholarship before a student is eligible to petition for readmission. Petitions for readmission must be received by the Admissions Office at least one month prior to the beginning of the semester to which the student is seeking admission. Opportunities for readmission following disqualification will be enhanced by:

1. Vocational experience in an area related to the desired studies at Mount Royal College.
2. Participation in vocational or educational counselling at **Mount Royal College or another professional agency**.
3. Participation in a recognized basic skills upgrading program (reading, writing, mathematics, study skills).

D. APPEAL BOARD

Students who feel they are inappropriately placed on Academic Probation should direct their appeal to a counsellor [Room 1023].



academic programs

arts & science associate diploma
certificate program
U of C transfer program
general education program
graduation requirements

ACADEMIC PROGRAMS

Mount Royal College offers career and university transfer programs leading to the award of an associate diploma or certificate in the following categories:

ASSOCIATE DIPLOMA [Two Year Career]

The Associate Diploma Program (Two Year Career) is designed to prepare a student for immediate career employment upon graduation.

ARTS AND SCIENCE ASSOCIATE DIPLOMA PROGRAM [Two Year University Transfer]

The Arts and Science Associate Diploma Program is designed to prepare students for transfer to a selected degree granting university for continuation of studies.

CERTIFICATE PROGRAMS

These programs, usually one year in duration, are specifically designed to prepare graduates for immediate employment. The patterns of course selection include the requirements which lead to a certificate.

UNIVERSITY OF CALGARY TRANSFER PROGRAM

This is a one or two year program depending upon high school matriculation standings for University of Calgary entrance requirements in particular faculties. There are two main streams in this category. They are:

Program A — Designed for students who meet the matriculation requirements of the University of Calgary.

Program C — Designed to allow students with partial matriculation to enrol in University of Calgary courses while completing their matriculation requirements.

GENERAL INTEREST NON-CREDIT COURSES

A wide variety of non-credit programs are open to students and members of the surrounding community through the Community Services Division of the College.

GRADUATION REQUIREMENTS

ASSOCIATE DIPLOMA PROGRAMS

All Associate Diploma Program patterns must be arranged by the student in consultation with his Academic Advisor. Deviation from courses listed as requirements for a major, in order to accommodate exceptional circumstances, may only be approved by an Academic Advisor in consultation with the Program Chairman concerned. When such an arrangement is made, the Program Chairman shall arrange to have a statement of the program change placed on the student's permanent record in the Office of the Registrar.

Unless a course is identified as having "recommended preparation," it is not necessary to take the lower-numbered of a sequence of courses first.

The Associate Diploma candidate must satisfy the following requirements in order to graduate.

1. Earn an overall grade point average (G.P.A.) of 2.00 in a minimum of 60-66 credit hours (actual minimum may vary with programs).
2. Of the 60-66 credit hours:
 - (a) a minimum of 12 credit hours must be in General Education courses (see Pages 37-38).
 - (b) a minimum of 24 credit hours must be in 1200 level courses.

Note: In fulfilling this requirement, 1200 level General Education courses may be counted.
3. Three credit hours must be in English 1110. This requirement may be satisfied by enrolling in a high number course in English other than 1180 or by challenging the English 1111 examination.
4. Complete the requirements for a major.

CERTIFICATE PROGRAMS

A student must obtain a 2.00 grade point average (G.P.A.) in the courses specified in the Certificate Program outlines.

UNIVERSITY OF CALGARY TRANSFER PROGRAM

A student transferring to the University of Calgary must have achieved grade standing which would allow him to proceed in a degree program at the University of Calgary. Advance credit is not awarded for "D" level or equivalent except in the case of University of Calgary courses offered at Mount Royal College.

Students should consult the University of Calgary calendar for further details regarding transfer and advance credit arrangements.

SPECIAL GRADUATION REQUIREMENT — NURSING PROGRAM

In addition to the general graduation requirements, a minimum of C is required in all Nursing and Biology required courses, and in Psychology 1210.

Mount Royal College Nursing Program is approved by the Coordinating Council of the Universities of Alberta. The nurse registration examinations are known as conjoint examinations since they serve two purposes; to qualify for registration, and to authorize graduation from a school upon completion of the curriculum. This means that the diploma and pin cannot be issued until the R.N. examinations are successfully completed.

ELECTIVES

Any course for which the student meets entrance requirements and which is not one of the required courses for a major may be used as an elective.

PHYSICAL EDUCATION REQUIREMENT — OTHER UNIVERSITIES

Many transfer institutions require that students complete at least two semesters of a Physical Education Service Program. In this regard, Mount Royal College offers four specific courses: Badminton, Dance, Golf and Archery, and Swimming. It is recommended, wherever possible, students complete these requirements in their first two years of academic studies. Specific course descriptions are on Page 178.

TRANSFER OF CREDIT TO ALBERTA UNIVERSITIES

Mount Royal College has several agreements with Alberta universities which cover the transfer of credit from the College to the universities. Under the terms of these agreements it is possible for students to transfer approximately the years of credit shown in the following guide into the Faculties indicated.

FACULTY	U of Alberta	U of Calgary	U of Lethbridge
Arts & Science	1 year	1 year	1 year
Business	1 year	1 year	N/A
Engineering	N/A	1 year	—
Physical Education	1 year	1 year	1 year
Recreation	½ year	N/A	1 year
Education	—	1 year	N/A
Forestry	1 year	N/A	N/A
Agriculture	1 year	N/A	N/A
Food Science	1 year	N/A	N/A

APPLICATION TO GRADUATE

All students who are candidates for the award of a diploma or certificate are responsible for notifying the College of their intention to graduate. They must complete the Application to Graduate Form prior to March 1. Forms are available in the Registrar's Office. Candidates graduate in accordance with conditions shown in the Calendar of the year in which they enrolled, provided there has been no break in their attendance at the College and provided conditions of graduation have not been changed in a subsequent Calendar.

Mount Royal College reserves the right to make whatever changes circumstances may require, including the addition and cancellation of particular courses and programs.

GENERAL EDUCATION

An Interdisciplinary Approach to the Study of Man

The General Education courses present an integrated study of the Natural Sciences, the Behavioral Sciences, Communications, and the Humanities. The courses are designed to assist the student in acquiring the essential knowledge, thinking abilities, and attitudes that he will need to be effective as an individual, as a member of the family, and as a citizen.

General Education Equivalent courses are offered to permit the student the option of satisfying his/her graduation requirements by participating in courses of a definable academic discipline that may result in its transferability to a senior educational institution; and a course that pursues a specific subject area in depth.

Of the 12 credit hours for General Education the student must successfully complete one of the designated courses listed in each of the four areas.

Area 1 — Communications

General Education Courses

- CMUN 1151 Media and Environment
- CMUN 1152 Ideologies and Change
- CMUN 1251 Symbols
- CMUN 1252 Intercultural Communications

General Education Equivalent Courses

- English 1215
- English 1218
- Drama 1110
- Speech 1110

Area 2 — Behavioral Science

General Education Courses

- BHAV 1214 Man and His World
- BHAV 1230 Perspectives of Religion
- BHAV 1250 Effective Interpersonal Behavior
- BHAV 1251 The Family

General Education Equivalent Courses

- Anthropology 1110
- Psychology 1111
- Sociology 1110
- Social Work 1110

Area 3 — Natural Science

General Education Courses

- NTSC 1150 Man and his Natural Environment
- NTSC 1151 The Natural History of Western Canada
- NTSC 1250 Energy in Nature and Society
- NTSC 1251 Matter in Nature and Society

General Education Equivalent Courses

- Biology 1210
- Computing Science 1180
- Geography 1110
- Math 1250

Area 4 — Humanities

General Education Courses

- HUMN 1150 Outstanding Lives
- HUMN 1151 Cultural Epochs
- HUMN 1250 The Canadian Mosaic
- HUMN 1251 Contemporary Canadian Problems

General Education Equivalent Courses

- Economics 1150
- French 1110
- Interior Design 1221
- Philosophy 1110

(Deviation from the program may be made with the approval of the General Education Coordinator.)

ARTS AND SCIENCE

ASSOCIATE DIPLOMA PROGRAM

41T

This Diploma is designed to provide a program of college courses which may transfer to a number of degree granting universities in Canada and the United States. The Arts and Science Diploma is designed as a general education in which the students can select from diversified subject areas of interest.

Because degree requirements vary from institution to institution a student should consult the calendar of the institution to which he expects to transfer. This can be done at Mount Royal College in consultation with an academic advisor who will assist the student to plan his program to conform to the requirements of the chosen university. Because of this divergence of requirements of the different universities no typical patterns in any subject are shown below, rather the student is urged to see the academic advisor for assistance. If a student intends to concentrate in a particular subject area, it is recommended that he obtain a minimum of 12 credits in that subject while attending Mount Royal College.

Although Mount Royal College does not offer degrees, a student may, in consultation with an academic advisor, plan a transfer program that will enable him to concentrate in any Arts and Science subject discipline offered by the college. Refer to graduation requirements (pages 35-36) for Associate Diploma programs.

Anthropology	Geography	Natural Sciences
Behavioral Sciences	Geology	Philosophy
Biology	History	Physics
Chemistry	Humanities	Political Science
Community and Regional Planning	Interior Design	Psychology
Drama	Latin	Religion
Economics	Leisure Education	Sociology
English	Linguistics	Spanish
French	Mathematics	Theatre Arts
General Education	Music	

Arts and Science Associate Diplomas are also available in other major subject areas offered by the College.

These are located in the calendar under the various Associate Diploma areas.

ADMISSION REQUIREMENTS

Applicants must possess the equivalent of an Alberta High School Diploma or have left high school and be 18 years of age or over.

Typical pattern of course selection

FRESHMAN YEAR

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
*English 1110 (See * Note below)	3	General Education (see pp 37-38)	3
General Education (see pp 37-38)	3	Electives	6
Arts & Science courses in major area of study	6	Arts & Science courses in major area of study	6
Electives	3		
Total credits	15	Total credits	15

*Note: Or any other higher numbered course excluding English 1180.

SOPHOMORE YEAR

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
General Education (see pp 37-38)	3	General Education (see pp 37-38)	3
Arts & Science courses in major area of study	6	Arts & Science courses in major area of study	6
Electives	6	Electives	6
Total credits	15	Total credits	15
		Total credits for graduation	60

Note: The General Education Requirements are to be fulfilled from the four areas specified in the calendar (pages 37-38) by taking one course from each of the four separate areas.

ARCHITECTURE

CERTIFICATE PROGRAM

62E

Before entering this program the student must register with the Interior Design Advisor.

This program is for students preparing to enter architecture at certain degree granting American colleges and universities. Usually, architecture programs are a minimum of six years, of which this program endeavours to provide the first year.

Students are advised to contact possible transfer schools before seeking admission to the architecture certificate program. A student's program will be altered on advice of a potential receiving institution.

ADMISSION REQUIREMENTS

50% standing in English 30

Mathematics 30

Mathematics 31

Physics 30

Social Studies 30

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
*English 1110 (See * Note below)	3	English 1111	3
History 1212	3	Political Science 1112	3
Mathematics 1119	4	Mathematics 1219	4
Mathematics 1120	4	Interior Design 1123 —	
Interior Design 1122 —		Architectural Drafting II	3
Architectural Drafting I	3	Interior Design 1227 —	
Interior Design 1126 —		Rendering Fundamentals	2
Drawing Fundamentals	2		
Total credits	19	Total credits	15
		Total credits for graduation	34

***Note:** Or any other higher numbered course excluding English 1180.

Students are urged to see the Department of Interior Design and Architecture advisor regarding this program.

AVIATION

ASSOCIATE DIPLOMA

16 D&T

The Aviation Program is designed to meet the requirements of Canada's major airlines. It provides the student with a Commercial Pilot's Licence and multi-engine Instrument Rating together with a strong academic background in mathematics, physics, engineering and the aeronautical subjects associated with flight in modern high performance transport aircraft. The student is also prepared for continuation of his education at university by encouraging him to take appropriate University Transfer Courses.

FLIGHT TRAINING

Flight training is carried out under contract with North American Air Training College, Springbank Airport. The fees for this portion of the program vary with the equipment used. Estimated range of fees is:

First Year

Air Flight Training: \$4,000.00, approximately.

Second Year

Air Flight Training: \$4,000.00, approximately.

Note: These figures have been generalized to cover all cases and may vary slightly for individual students. Contact the Registrar's Office for the 76/77 Fee Schedule.

FINANCIAL ASSISTANCE

Alberta residents may be eligible for a yearly maximum of the following, depending on the evaluation of the loan form submitted.

Canada Student Loan:	\$1,400.00
Government of Alberta Loan:	<u>\$2,500.00</u>
Total	\$3,900.00

Advance savings to complement the loan funds are essential. All fees for the program are to be paid to Mount Royal College.

Program for Academic Success

Aviation students will be subject to the normal Academic Probation, see page 32. In addition, Aviation students who fail to get a grade C or better in two or more of Mathematics, Physics, Engineering subjects will be placed on the Program for Academic Success. Aviation students placed on the Program for Academic Success will be required to drop Air Flight Training courses.

Students in the Aviation Program will be expected to deposit with the College Business Office, \$750 at the start of each of the first and third semesters before being allowed to register in those semesters.

ADMISSION REQUIREMENTS

Academic: Minimum of 50% in Mathematics 30 and Physics 30.

Physical: Medical clearance by the College Medical Officer. This will include a full M.O.T. Medical. There are no limitations on vision, height, or weight. However, applicants should be aware that the major airlines do have vision, height, and weight restrictions which are more stringent than the basic M.O.T. requirements.

Personal: The College does not impose any age limitations. However, the major airlines generally expect candidates for employment to be under 26 years of age.

Enrollment will be restricted to 60 students. Deadline for application is May 15, 1976. Applicants who meet the basic admission requirements can expect to be interviewed by a panel at the College in the month of June, 1976.

FRESHMAN YEAR

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
Air Flight Training 1110	3	Air Flight Training 111	4
Engineering 1114 and Engineering 1152 or Physics 2233	3-4	Science Elective	2-4
Math 1120 or Math 2251	3-4	Math 1219 or Math 2253	4
Geography 1209	4	Air Flight Training 1120	3
General Education	3	General Education	3
Total credits	<u>16-18</u>	Total credits	<u>16-18</u>

SOPHOMORE YEAR

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
Air Flight Training 1202	3	Air Flight Training 1205	3
Engineering 1214 or Physics 2247	4	Engineering 1215	4
*English 1110 (See *Note below)	3	French or Social Science	3
Air Flight Training 1220	3	Air Flight Training 1210	3
General Education	3	General Education	3
Total credits	16	Total credits	16
		Total credits for graduation	64-68

***Note:** Or any other higher numbered course excluding English 1180.

Note: The General Education Requirements are to be fulfilled from the four areas specified in the calendar (pages 37-38) by taking one course from each of the four separate areas.

Note: This program is presently under review, and program structure, including courses, is subject to change.

BROADCASTING

ASSOCIATE DIPLOMA

09D

The College's Broadcasting program familiarizes the student with the skills of the broadcasting profession. At the same time it points him toward, and gives him specialized training in, the area of broadcasting that his abilities and interests indicate are best for him. Radio and/or television announcing, production, direction and script-writing are among the areas of the profession to which our students are directed. Thus far graduates have begun careers as radio announcers, writers, film editors, television cameramen, public relations personnel and educational television assistants.

Students wishing to enter any of the Communicating and Performing Arts programs will be tested for basic reading and writing skills on orientation day. Anyone scoring grade 11 and over will be given clear admittance into the program. Those scoring between grade 10 and 11 will be expected to support their program with appropriate workshops. Those scoring below the grade 10 level will be asked to consider a program whereby their basic communication skills will be upgraded. Upon successful completion the student may then apply for admission into the program.

ADMISSION REQUIREMENTS

Students should have the equivalent of an Alberta grade 12 diploma or have left high school and be 18 years of age or over. Applicants must be able to type 30 words per minute or enrol in a typing course in first semester. All applicants will be required to attend an orientation day.

Note: All students accepted into the Broadcasting program will be required to pay a \$50.00 deposit, non-refundable, within three weeks of notification of acceptance into the program.

UNIVERSITY TRANSFER

09T

There is no degree course in broadcasting available for transferability offered in Canada other than at Ryerson which does not accept transfer students. Students may transfer to selected Canadian universities which offer degrees in communications, where our two year diploma program is given one year credit. Several universities in the U.S. accept our two year program as two years and offer degree programs in television and film. Anyone contemplating pursuing a degree should discuss his plans with the advisor to obtain maximum transferability of his general education and elective courses.

FRESHMAN YEAR

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
*English 1110 (See *Note below)	3	Communications 1200 —	
Communications 1110 —		Radio Operations	5
Introduction to Broadcasting	5	Communications 1212 —	
Communications 1120 —		Broadcast Journalism	3
Introduction to Journalism	3	Speech 1211	3
Speech 1111	3	Elective	3
General Education	3	General Education	3
Total credits	17	Total credits	17

SOPHOMORE YEAR

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
Communications 1210 —		Communications 1211	
Introduction to Television	6	Television Production	6
Communications 1141	3	Communications 1161 —	
Elective	3	Introduction to P.R.	3
General Education	3	Elective	3
		General Education	3
Total credits	15	Total credits	15
		Total credits for graduation	64

*Note: Or any other higher numbered course excluding English 1180.

BUSINESS ADMINISTRATION

ASSOCIATE DIPLOMA

04D

ADMISSION REQUIREMENTS

Applicants must possess the equivalent of an Alberta High School Diploma or have left high school and be 18 years of age or over.

COMMON FRESHMAN YEAR (excluding pattern number five, see pages 45-46).

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
Administration 1110 — Business English	3	Administration 1220 — Financial Accounting	4
Administration 1120 — Principles of Accounting	4	Administration 1130 — Principles of Management	3
Administration 1160 — Business Mathematics & Statistics OR*		Administration 1170 — Personnel Administration	3
Administration 1261 — Applied Statistical Analysis	3	Economics — 1110 or 1111 —	
Administration 1150 — Marketing Management	3	Introduction to Microeconomics	3
General Education Elective	3	Introduction to Macroeconomics	
		General Education Elective	3
Total credits	16	Total credits	16

SOPHOMORE YEAR

In consultation with the Administrative Studies Advisor, the sophomore student will select one of the following patterns of specialization:

1. GENERAL BUSINESS ADMINISTRATION

This pattern was developed for students who wish a high degree of flexibility in their course load. As well as the core Administration courses, students will be exposed to specialized areas to be chosen in consultation with the Administrative Studies Advisor.

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
Administration 1230 — Business Law	3	Administration 1260 — Systems and Procedures for Management	3
Administration 1210 — Business Communications	3	General Education Elective	3
General Education Elective	3	*Administration Electives	9
*Administration Electives	6		
Total credits	15	Total credits	15
		Total credits for graduation	62

*Electives other than "Administration" may be selected only with the WRITTEN clearance of the Administrative Studies Advisor.

2. ACCOUNTING AND FINANCIAL MANAGEMENT

The Accounting Pattern was developed for students considering a career in accounting and financial management. As well as the core Administration courses students will be exposed to specialized areas such as Financial, Managerial, and Income Tax Accounting, Computer Science, and Business Mathematics.

Students wishing to continue their studies toward certification in one of the various professional accounting societies should contact the Administrative Studies Advisor, as a number of courses have exemption status.

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
Administration 1224 — Management Accounting	4	Administration 1227 — Managerial Finance	4
Administration 1230 — Business Law	3	Administration 1260 — Systems and Procedures for Management	3
Administration 1210 — Business Communications	3	*Administration Electives	6
*Administration Elective	3	General Education	3
General Education	3		
Total credits	16	Total credits	16
		Total credits for graduation	64

*Electives other than "Administration" may be selected only with the WRITTEN clearance of the Administrative Studies Advisor.

3. PERSONNEL MANAGEMENT

This pattern was developed for students considering a career in personnel management. As well as the administration core courses students will be exposed to specialized areas such as Supervision and Organization Behavior, Managerial Policies and Labor Relations.

Fall Semester	Credits	Spring Semester	Credits
Administration 1276 — Supervision and Organizational Behavior	3	Administration 1278 — Policies for Human Resources	3
Administration 1230 — Business Law	3	Administration 1260 — Systems and Procedures for Management	3
Administration 1273 — Labor Relations	3	*Administration Electives	6
Administration 1210 — Business Communications	3	General Education	3
General Education	3		
Total credits	15	Total credits	15
		Total credits for graduation	62

*Electives other than "Administration" may be selected only with the WRITTEN clearance of the Administrative Studies Advisor.

4. **MARKETING MANAGEMENT**

The Marketing pattern was developed for students considering a course in one of the marketing fields. As well as the core Administration courses, students will be exposed to specialized areas such as: Professional Salesmanship, Retail Merchandising Management, Sales Management, and Public Relations.

Fall Semester	Credits	Spring Semester	Credits
Administration 1230 — Business Law	3	Administration 1260 — Systems and Procedures for Management	3
Administration 1250 — Marketing Analysis and Problem Solving	3	Administration 1154 — Professional Salesmanship	3
Administration 1210 — Business Communications	3	*Administration Electives	6
*Administration Elective	3	General Education	3
General Education	3		
Total Credits	15	Total credits	15
		Total credits for graduation	62

*Electives other than "Administration" may be selected only with the WRITTEN clearance of the Administrative Studies Advisor.

5. **COMPUTER PROGRAMMING AND SYSTEMS ANALYSIS**

This pattern is based on the assumption that we wish to develop the student's abilities in both Computing Science and Administrative Studies. The graduate would be capable of writing programs and designing systems for business applications, e.g., (a) Payroll systems, (b) Accounts payable-systems, (c) Receivables systems, (d) Inventory systems, (e) Decisions analysis.

FRESHMAN YEAR

Fall Semester	Credits	Spring Semester	Credits
Administration 1110 — Business English	3	Administration 1220 — Financial Accounting	4
Administration 1120 — Principles of Accounting	4	Administration 1130 — Principles of Management	3
Administration 1160 — Business Mathematics & Statistics OR		Economics 1110 or 1111 — Introduction to Microeconomics/	
Administration 1261 — Applied Statistical Analysis	3	Introduction to Macroeconomics	3
Computing Science 1183 — Cobol	3	General Education	3
General Education	3	Computing Science Elective	3
Total credits	16	Total credits	16

SOPHOMORE YEAR

Fall Semester	Credits	Spring Semester	Credits
Administration 1150 — Marketing Management	3	Administration 1230 — Business Law	3
Administration 1170 — Personnel Administration	3	Administration 1260 — Systems and Procedures	3
Administration 1210 — Business Communications	3	Administration Elective	3
Computing Science Elective	3	Computing Science Elective	3
General Education	3	General Education	3
Total credits	15	Total credits	15
		Total credits for graduation	62

WORK STUDY CREDIT

Students enrolled in Administrative Studies at Mount Royal College may obtain credit for relevant work experience.

A student may receive up to eight credits for such experience, to be assigned in the elective area of the Business and Public Administration diploma programs.

To be eligible to apply a student must have completed 15 credits with a G.P.A. minimum of 2.00.

CERTIFICATE PROGRAM

[BUSINESS DEVELOPMENT PROGRAM]

64E

This program has been designed to provide a sound foundation in business and administration for the student desiring a part time study program. The timetable of course offerings has been arranged to accommodate this part time student during the day, weekends, and evenings.

ADMISSION REQUIREMENTS

Applicants must possess the equivalent of an Alberta High School Diploma or have left high school and be 18 years of age or over.

The basic core requirements of all graduates are:

	Credits
Administration 1110 — Business English	3
Administration 1120 — Principles of Accounting	4
Administration 1220 — Financial Accounting	4
Administration 1130 — Principles of Management	3
Economics 1110 or 1111 — Microeconomics or Macroeconomics	3
Total credits	17

The student, consulting with the Administrative Studies Advisor will then choose a PATTERN OF SPECIALIZATION comprising a minimum of 15 credits as follows:

- General Business
- Accounting and Financial Management
- Personnel Administration
- Marketing Management
- Computer Programming and Systems Analysis

Minimum credits required for graduation **32**

CANADIAN STUDIES

ASSOCIATE DIPLOMA ARTS AND SCIENCE

[with a major in Canadian Studies]

23T

With the renewed interest in Canadian identity, the Canadian Studies program provides the student with the opportunity to integrate knowledge about Canada from many subject areas. Through studying Canada's past and present in relation to national and international relationships, the student gains knowledge about the economics, geography, politics, history, and social stratification of Canadians. Some universities in Canada and the United States are offering degree programs in Canadian studies.

Students who choose to take twenty-four credit hours from the list of courses following will be eligible to receive an Associate Diploma in Arts and Science with a major in Canadian Studies. Please note that all students wishing to receive this diploma must take Canadian Studies 1200 in their fourth semester. It is recommended that all students in this pattern take at least one social science, English 1220-1221 and at least one semester of French.

CANADIAN STUDIES COURSES

Freshman Courses

Economics 1110-1111
Political Science 1110-1111
Political Science 1120-1220
Geography 1110
Natural Science 1150
French 1110-1111

Sophomore Courses

History 1220-1221
French 1230-1231*
Communications 1221-1222*
Sociology 1216*
Anthropology 1213*
Police Science 1202
Humanities 1250-1251
English 1220-1221
Canadian Studies Seminar 1200*

(All students in this pattern must take Canadian Studies Seminar 1200)

*Please note that these courses have recommended preparations.

This is a possible pattern of study that a student might follow:

FRESHMAN YEAR

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
General Education	3	General Education	3
*English 1110 (See *Note below)	3	First Year Canadian	
First Year Canadian		Studies Courses	6
Studies Courses	6	Electives	6
Electives	3		
Total credits	15	Total credits	15

*Note: Or any other higher numbered course excluding English 1180.

SOPHOMORE YEAR

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
General Education	6	Second Year Canadian	
Second Year Canadian		Studies Courses	3
Studies Courses	6	Canadian Studies Seminar	3
Electives	3	Electives	9
Total credits	15	Total credits	15
		Total credits for graduation	60

Note: The General Education Requirements are to be fulfilled from the four areas specified in the calendar (pages 37-38) by taking one course from each of the four separate areas.

COMMUNITY AND REGIONAL PLANNING

ASSOCIATE DIPLOMA

50D

Community and Regional Planning involves the study of the relationship between people in a community and their physical and social needs. Community planning involves such diverse topics as transportation networks, economic patterns, landscaping, health, and recreation.

Mount Royal College offers a program to train urban and regional planning assistants. The planning assistant is involved in the research, preparation and presentation of data, and plans as part of a team with the planner. Graduates of the program will be skilled in the collection of and preparation of field data; they will have a basic understanding of planning concepts and municipal administration and will be familiar with various analytic techniques employed in planning.

Community and Regional Planning is a two-year course in which the students are familiarized with administration and planning law; mapping and graphic techniques; urban problems and geography; statistics and technical writing. Instruction is supplemented with field trips and guest lecturers.

ADMISSION REQUIREMENTS

Applicants must possess the equivalent of an Alberta High School Diploma or have left high school and be 18 years of age or over.

FRESHMAN YEAR

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
Planning 1110	3	Planning 1230	3
Planning Graphics 1114	3	Planning 1231	3
General Education	3	Planning Graphics 1115	3
One Elective	3-4	One Elective	3-4
Environmental Quality Control 1110	3	General Education	3
Total credits	15-16	Total credits	15-16

SOPHOMORE YEAR

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
Planning 1240	3	Planning 1232	3
Planning 1241	3	Planning 1242	3
Planning 1203	3	Elective	3
Computing Science 1186	3	English 1231	3
General Education	3	General Education	3
Total credits	15	Total credits	15
		Total credits for graduation	60-62

Note: The General Education Requirements are to be fulfilled from the four areas specified in the calendar (pages 37-38) by taking one course from each of the four separate areas.

Note: This program is presently under review, and program structure, including courses, are subject to change.

COMMUNITY AND REGIONAL PLANNING

CERTIFICATE PROGRAM

50E

This program provides a good basic training in planning for persons who already possess either drafting skills or experience in planning.

ADMISSION REQUIREMENTS

Applicants must possess the equivalent of a high school diploma, or have left school and be 18 years of age or over. This certificate program is restricted to the student who is already a skilled draftsman, or has experience in a planning office, or who already has a drafting diploma and wishes to receive certification in the planning field.

All students registering in this program must do so in consultation with the Community and Regional Planning Program academic advisor from Counselling.

Fall Semester	Credits	Spring Semester	Credits
Planning 1110	3	Planning 1232	3
Planning 1203	3	Planning 1241	3
Planning 1231	3	Planning 1242	3
Planning 1240	3	Planning 1115 or Sociology 1216	3
Computing Science 1186	3	or Economics 1150	3
Planning 1114 or Engineering 1210	3		
Total credits	18	Total credits	12
		Total credits for graduation	30

COMPUTING SCIENCE

ASSOCIATE DIPLOMA — ARTS & SCIENCE

[with a major in Computing Science]

42T

The Computer and Data Processing field encompasses business data as well as emphasizing technical and engineering applications for industries. With the increased use of computers in all areas of commerce and industry it is estimated that there will be a continual demand for new people in Canada in the computer field. It is important to note that the greatest increase in demand will be for computer operators, programmers, and systems personnel, rather than basic machine operators.

Mount Royal College Computing Science program was established to permit students to transfer to universities with a Computer Science major to earn a degree in the field. Computing Science students gain skills in computer languages, sciences, and systems. Students select courses based on the institution which they plan to attend. Students may concentrate on either a business or science pattern. For the science oriented student, mathematical ability is essential.

FRESHMAN YEAR

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
General Education	3	General Education	3
*English 1110 (See *Note below)	3	Computing Science	6
Computing Science 1180	3		
Computing Science 1181 or 1183	3		
**Electives	6	**Electives	6
Total credits	18	Total credits	15

SOPHOMORE YEAR

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
General Education	3	General Education	3
Computing Science	6	Computing Science	6
**Electives	6	**Electives	6
Total credits	15	Total credits	15

*Note: Or any other higher numbered course excluding English 1180.

**Students should see their advisor regarding electives.

Note: The General Education Requirements are to be fulfilled from the four areas specified in the calendar (pages 38-39) by taking one course from each of the four separate areas.

CRIMINAL JUSTICE CAREERS

Law enforcement, corrections and security practitioners have much in common. It is only logical to combine information on general areas and then provide opportunity to specialize in a chosen field in the Criminal Justice System.

Mount Royal College offers the following programs under Criminal Justice Careers.

Associate Diploma Programs

1. Associate Diploma Criminal Justice Careers
Major — Corrections — 2 years 53D
2. Associate Diploma — Criminal Justice Careers
Major — Police Science — 2 years 45D
3. Associate Diploma Arts and Science
Major — Police Science — 2 years 45T

Certificate Programs

1. Certificate — Criminal Justice Careers
Correctional Officers — 1 year 85E
2. Certificate — Criminal Justice Careers
Police Science — 1 year 45E
3. Certificate — Criminal Justice Careers
Security Management 63E
4. Certificate — Criminal Justice Careers
Extension Program — see program 4 or 5 as applicable 77L

ASSOCIATE DIPLOMA PROGRAMS

1. ASSOCIATE DIPLOMA IN CRIMINAL JUSTICE CAREERS — CORRECTIONS

This is a two year program which combines a knowledge of the humanities and behavioral sciences, an understanding of correctional therapy and philosophy and the development of practical skills at the college with practical field experience. It prepares students for employment in a wide range of correctional agencies.

ADMISSION REQUIREMENTS

Applicants must possess the equivalent of an Alberta High School Diploma or have left high school and be 18 years of age or over. Applicants can expect to be interviewed by a panel of representatives from the College. The number and ages of the candidates accepted will be determined by available field work placements. (See also, Limited Program, page 15). All students registering in this program must do so in consultation with an advisor.

FRESHMAN YEAR

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
English 1110 (See *Note below)	3	Philosophy 1210	3
CJUS 1111 Human Relations Phase I	3	CJUS 1211 Human Relations Phase II	3
CJUS 1110	3	CJUS 1180 Fieldwork	2
CJUS 1112	2	CJUS 1210	3
General Education	3	General Education	3
Elective	3	CJUS 1113	3
Total credits	17	Total credits	17

SOPHOMORE YEAR

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
CJUS 1206	3	CJUS 1209	3
CJUS 1208	3	CJUS 1225 Fieldwork	8
CJUS 1220 Human Relations Phase III	3	CJUS 1221 Human Relations Phase IV	3
General Education	3		
Electives	6		
Total credits	18	Total credits	14
		Total credits for graduation	66

*Note: Or any other higher numbered course excluding English 1180.

2. ASSOCIATE DIPLOMA CRIMINAL JUSTICE CAREERS — MAJOR — POLICE SCIENCE

Law enforcement agencies are always in the public eye and members of such bodies increasingly need intellectual vision and proper perspective to understand the complex problems of today. Persons with this academic base plus the skills acquired through in-service training and experience can enjoy an excellent career in law enforcement. The field itself is continually expanding as the nation develops and population increases. A graduate of the Associate Diploma — Criminal Justice Careers with a Police Science major program would undoubtedly be a preferred recruit, provided of course he can satisfy other requirements of the profession. Even for those who do not subsequently gain employment in the police field, there is considerable scope for transferring to another discipline with little lost endeavour.

ADMISSION REQUIREMENTS

Applicants must possess the equivalent of an Alberta High School Diploma or have left high school and be 18 years of age or over.

FRESHMAN YEAR

Fall Semester	Credits	Spring Semester	Credits
CJUS 1110 — Introduction to the Criminal Justice System	3	CJUS 1113 Supervision	3
CJUS 1111 — Human Relations Phase I	3	CJUS 1120 Effective Communication	3
CJUS 1112 — Fitness & Self Defense	2	CJUS 1180 Field Work	2
English 1110 (See *Note below)	3	CJUS 1211 Human Relations Phase II	3
General Education	3	General Education	3
Elective	3	Elective	3
Total credits	17	Total credits	17

SOPHOMORE YEAR

Fall Semester	Credits	Spring Semester	Credits
CJUS 1205 Police Community Relations	3	CJUS 1202 Public Law	3
CJUS 1210 Interviewing & Counselling	3	CJUS 1211 Human Relations Phase IV	3
CJUS 1220 Human Relations Phase III	3	General Education	3
General Education	3	Electives	6
Elective	3		
Total credits	15	Total credits	15
		Total credits for graduation	64

3. ASSOCIATE DIPLOMA — ARTS AND SCIENCE [with a major in Police Science]

Students seeking a university degree may be advised to select an Arts and Science Associate Diploma with a major in Criminal Justice. Refer to pages 35-36 for specific course requirements. To obtain maximum transfer credit, courses should be selected in close consultation with the student's academic advisor.

Note: The General Education Requirements are to be fulfilled from the four areas specified in the calendar (pages 37-38) by taking one course from each of the four separate areas.

***Note:** Or any other higher numbered course excluding English 1180.

CERTIFICATE PROGRAMS

1. CERTIFICATE PROGRAM IN CRIMINAL JUSTICE — CORRECTIONAL OFFICERS

THE FIELD — In the Correction Service at both the provincial and federal levels, personnel is needed to fill the duties of Correction Officers. Correction Officers perform duties such as maintaining custody and order among inmates. Not only do the Officers interpret rules and regulations of the institution while supervising persons, they also counsel inmates and attempt to promote socially acceptable conduct. Duties are as varied as supervising inmates during recreational periods or work hours, to maintaining and using security devices.

Prior to the Mount Royal College one year certificate program, pre-employment training for correction officers did not exist. Finding individuals possessing the

necessary knowledge, attitudes and skills to work within the correctional institutional setting has proven to be difficult. This program has been initiated to fill this gap by developing such skills and attitudes in a total systems approach.

The Criminal Justice system is no longer isolated from other service areas that relate to inmate rehabilitative and custodial duties. Correction Officers work with social workers, police, probation, parole, corrections and other enforcement personnel. Understanding of human behavior is necessary for all agents in the Criminal Justice system.

THE PROGRAM — While studying in the Correction Officers Certificate program students take courses in the Canadian correctional system, unarmed defence and fitness, recreation skills, as well as behavioral science subjects. Students are required to complete a field work placement to gain practical experience in working with people.

EMPLOYMENT OPPORTUNITIES — At the present time, corrections services have difficulty filling all the vacancies in the correctional officer field. Graduates may seek employment in the City, Provincial or Federal corrections service. At present representative agencies are attempting to set up employment criteria for prospective students. However prime candidates would be mature individuals with other work experience for example, former service personnel find this a good career area. Opportunities exist for the employment of women, but they are limited.

ADMISSION REQUIREMENTS

Applicants must possess the equivalent of an Alberta High School Diploma or have left high school and be 18 years of age or over.

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
English 1110 (See *Note below)	3	CJUS 1170 Correctional Officers	
CJUS 1111 Human Relations Phase I	3	Field Work	2
CJUS 1110 Introduction to the		CJUS 1211 Human Relations	
Criminal Justice System	3	Phase II	3
Sec. Arts 1114	3	CJUS 1204 Custodial Institutions	3
CJUS 1112 Fitness and Self Defence	2	Philosophy 1210	3
Elective	3	General Education	3
		Elective	3
Total credits	17	Total credits	17
		Total credits for graduation	34

*Note: Or any other higher numbered course excluding English 1180.

2. CERTIFICATE PROGRAM — CRIMINAL JUSTICE — POLICE SCIENCE

This program is specially designed for persons currently employed in the law enforcement field or who have had related experience. The timetable is flexible to accommodate the shift structure of police agencies. The Certificate is offered only on a part time basis.

ADMISSION REQUIREMENTS

Applicants must be currently employed in the law enforcement field or have had related experience.

<u>Course of Studies</u>	<u>Credits</u>
Criminal Justice 1110 — Introduction to Criminal Justice System	3
Criminal Justice 1113 — Supervision	3
Criminal Justice 1202 — Public Law	3
Criminal Justice 1205 — Police Community Relations	3
Electives	18
Total credits for graduation	30

The police agencies which assisted in designing this program recommend that elective courses include: English (unless the student is well grounded in this subject), Sociology, Psychology, Political Science and History.

Another Police Science course may be substituted if the student has already accumulated a sufficient knowledge of this subject, particularly the preparation of essays and reports and the researching of information sources.

3. CERTIFICATE PROGRAM — CRIMINAL JUSTICE CAREERS — SECURITY MANAGEMENT

This course provides professional education and training for persons currently employed or considering a career in the expanding field of industrial or retail security. The course content is a combination of applied behavioral science and practical matter provided by competent practitioners in the field.

ADMISSION REQUIREMENTS

Applicants must possess the equivalent of an Alberta High School Diploma or have left high school and be 18 years of age or over.

<u>Course of Studies</u>	<u>Credits</u>
Criminal Justice 1110 Introduction to the Criminal Justice System	3
Criminal Justice 1117 Security Administration	3
Criminal Justice 1212 Investigational Procedures	3
Criminal Justice 1213 Security Systems	3
Criminal Justice 1214 Physical Security	3
Electives	15
Total credits for graduation	30

Electives should include other Criminal Justice courses, English and Psychology. Typing and business courses would be valuable.

4. CERTIFICATE: CRIMINAL JUSTICE CAREERS EXTENSION PROGRAM

In recognition of the expressed need for educational upgrading expressed by practitioners in the Canadian Criminal Justice agencies, a number of courses are being made available on an extension basis. These courses are limited to personnel employed in the Criminal Justice field. The courses have been designed under the guidance of practitioners in the Criminal Justice agencies.

Credits in this program may be applied toward a Certificate in Criminal Justice, see program 4 or 5 as applicable.

Credits obtained on the Certificate program may be transferred toward a Diploma program.

COURSE OF STUDY

Fall, 1975

- Criminal Justice 1111 — Dynamics of Interpersonal Relations
- Criminal Justice 1110 — Administration of Criminal Justice

Spring, 1976

- Criminal Justice 1250 — Social Psychology
- Criminal Justice 1219 — Crime in Canadian Society (Criminology I)

Fall, 1976

- Criminal Justice 1220 — Canadian Society and Politics
- Criminal Justice 1210 — Interviewing/Counselling

Spring, 1977

Criminal Justice 1217 — Abnormal Psychology/Deviant Behavior

Criminal Justice 1216 — Criminology II

Fall, 1977

Criminal Justice 1211 — Social Stratification/Social Problems

Criminal Justice 1209 — Anthropological Concepts

Note: The program operates on the calendar year with registration at any time. Because of the mail strike, the current year is Jan. 1, 1976 to Dec. 31, 1976.

EARLY CHILDHOOD EDUCATION AND DEVELOPMENT

ASSOCIATE DIPLOMA [Two Year]

54D

The Early Childhood Education programs at Mount Royal College are designed to prepare graduates for employment as child development workers in Day Care Centres, Day Nurseries, Kindergartens and Child Development Centres. An individual may enter the One Year Certificate or Two Year Diploma Program. The students develop skills in understanding children's intellectual, emotional, physical and social needs. Graduates are encouraged to use resources to stimulate children to explore their surroundings and potential.

An individual working with children requires a firm foundation and understanding of the growth, development and behavior of young children. Therefore, core courses in the program include recreation, psychology, sociology, the family, early childhood education, and childhood development, including child health, nutrition, community resources, and drama. Field placement in either the certificate or diploma programs is a necessity. However, general interest students are encouraged to register for specific course offerings without being in the Two Year Diploma program, or the Certificate program.

ADMISSION REQUIREMENTS

Applicants must possess the equivalent of an Alberta High School Diploma or have left high school and be 18 years of age or over.

Note: All students accepted into the Early Childhood Education and Development program will be required to pay a \$50 deposit, non-refundable, within three weeks of notification of acceptance into the program.

FRESHMAN YEAR

Fall Semester	Credits	Spring Semester	Credits
Early Childhood Education and Development 1100	3	Early Childhood Education and Development 1101	3
Early Childhood Education and Development 1102	1	Early Childhood Education and Development 1103	3
Early Childhood Education and Development 1107	3	Early Childhood Education and Development 1200	1
Psychology 1111	3	Recreation 1130	3
*English 1110 (See *Note below)	3	Sociology 1110	3
General Education	6	Sociology 1211	3
		General Education	3
Total credits	19	Total credits	19

***Note:** Or any other higher numbered course excluding English 1180.

SOPHOMORE YEAR

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
Early Childhood Education and Development 1202	2	Early Childhood Education and Development 1201	2
Early Childhood Education and Development 1206	3	Early Childhood Education and Development 1203	2
General Education	3	Psychology 1230	3
Psychology 1211	3	Early Childhood Education and Development 1281	6
Early Childhood Education and Development 1280	5		
Total credits	16	Total credits	13
		Total credits for graduation	67

EARLY CHILDHOOD EDUCATION AND DEVELOPMENT

CERTIFICATE PROGRAM [One Year]

54E

The student who registers in the Early Childhood Education and Development program must be employed in a day care agency for the purpose of getting a field-work assessment. Students who do not meet this criterion will not be admitted to the One Year Certification Program. However, general interest students are encouraged to register for specific course offerings without being in the One Year Certification Program.

ADMISSION REQUIREMENTS

Applicants must possess the equivalent of an Alberta High School Diploma or have left high school and be 18 years of age or over.

FRESHMAN YEAR

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
Psychology 1111	3	Early Childhood Education and Development 1103	3
Early Childhood Education and Development 1100	3	Early Childhood Education and Development 1107	3
Early Childhood Education and Development 1290	2	Early Childhood Education and Development 1291	3
Total credits	8	Total credits	9

SOPHOMORE YEAR

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
Early Childhood Education and Development 1101	3	Psychology 1230	3
Early Childhood Education and Development 1102	1	Sociology 1211	3
Early Childhood Education and Development 1200	1	Early Childhood Education and Development 1203	2
Early Childhood Education and Development 1292	3	Early Childhood Education and Development 1293	2
Total credits	8	Total credits	10
		Total credits for graduation	35

ENGINEERING

ASSOCIATE DIPLOMA — ARTS & SCIENCE

[with a major in Engineering]

13T

Mount Royal College Engineering Program is designed to fulfill the first two years of a four year Bachelors degree in engineering. The program is designed to accommodate widely varying interests in engineering including civil, electrical, mechanical, petroleum, and chemical. An engineer is an applied scientist, that is, he acts as a link between the pure scientist and man's use of their discoveries.

The Engineering Program focuses on the math-science curriculum seeking to develop appropriate skills in these areas. Students with deficiencies in math will be placed in levels appropriate to their proficiency. General education requirements must also be completed as this is designed as a university transfer course.

ADMISSION REQUIREMENTS

Applicants must possess the equivalent of an Alberta High School Diploma or have left high school and be 18 years of age. Students with a deficiency in mathematics will be enrolled in courses at the level appropriate to their proficiency.

FRESHMAN YEAR

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
English 1110 (See *Note below)	3	General Education	3
General Education	3	Mathematics 1219	4
Mathematics 1120	4	Fortran	3
Engineering 1114	3	Engineering 1152	2
Engineering 1110, 1120	3	Elective*	3-4
Total credits	16	Total credits	15-16

*Geology 1206 highly recommended.

SOPHOMORE YEAR

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
Mathematics 1220	4	Mathematics 1221	4
Engineering 1210	2	Engineering 1215, 1252	6
Engineering 1214	4	General Education	3
General Education	3	Elective	3
Elective	3	Total credits	16
Total credits	16	Total credits for graduation	63-64

Note: The General Education Requirements are to be fulfilled from the four areas specified in the calendar (pages 37 & 38) by taking one course from each of the four separate areas.

***Note:** Or any other higher numbered course excluding English 1180.

ENVIRONMENTAL QUALITY CONTROL

ASSOCIATE DIPLOMA

69D

This program is designed to produce technicians in Air and Water Pollution Control. Upon completion of the program, the student is prepared to enter positions appearing in the developing pollution control structures of government and industry. He will provide a supporting role to the professional engineers and ecologists within their agencies.

This program has a common core of courses in the first two semesters. At the conclusion of the second semester the student will select his area of interest — Air Pollution Control Studies or Water Pollution Control Studies. In the final two semesters the student will take those courses specified from his area of interest.

The advisory committee to the program has recommended that students should not restrict themselves to one area only. It would be advisable for students to take the air pollution courses if they are enrolled in the water pollution studies or to take the water pollution courses if they are enrolled in the air pollution studies.

ADMISSION REQUIREMENTS

Applicants must possess the equivalent of an Alberta High School Diploma or have left high school and be 18 years of age or over.

AIR POLLUTION STUDIES

FRESHMAN YEAR

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
Biology 1110	4	Planning 1230	3
Chemistry 1180	4	General Education	3
Geology 1120	4	Biology 1210	4
General Education	4	Environmental Quality Control 1111	3
Environmental Quality Control 1110	3	plus one of the following:	
		Planning 1231	3
		Chemistry 1213	4
Total credits	19	Total credits	16-17

SOPHOMORE YEAR

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
Electronics 1220	3	Electronics 1221	3
English 1231	3	Environmental Quality Control 1215	3
Geography 1210	4	Environmental Quality Control 1223	4
Environmental Quality Control 1214	3	General Education	3
Total credits	13	Total credits	13
		Total credits for graduation	61-62

Note: The General Education Requirements are to be fulfilled from the four areas specified in the calendar (pages 37 & 38) by taking one course from each of the four separate areas.

WATER POLLUTION STUDIES

FRESHMAN YEAR

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
Biology 1110	4	Planning 1230	3
Chemistry 1180	4	Biology 1210	4
Geology 1120	4	General Education	3
General Education	3	Environmental Quality Control 1111	4
Environmental Quality Control 1110	3	plus one of the following:	
		Planning 1231 or	
		Chemistry 1213	3-4
Total credits	18	Total credits	17-18

SOPHOMORE YEAR

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
Biology 1219	4	Biology 1218	4
Electronics 1220	3	Electronics 1221	3
English 1231	3	General Education	3
Environmental Quality Control 1216	4	Environmental Quality Control 1225	4
		Environmental Quality Control 1215	4
Total credits	14	Total credits	18
		Total credits for graduation	67-68

Note: The General Education Requirements are to be fulfilled from the four areas specified in the calendar (pages 37-38) by taking one course from each of the four separate areas.

CERTIFICATE PROGRAM

69E

This program provides a good basic training in the theory and techniques of environmental control. It is aimed at those individuals possessing on-the-job experience of an environmental nature and/or those individuals possessing a diploma in a related field. The timetable is arranged to accommodate the part time and evening student who is employed full time and who wishes to broaden his background. Certain of the courses are designed to allow the student, in consultation with the instructor and advisor, to select specific topics to be covered during the course. These topics will be selected with the intent of making them relevant to the students' interests and needs.

ADMISSION REQUIREMENTS

Applicants must possess the equivalent of a high school diploma, or have left school and be 18 years of age or over. This certificate program is restricted to persons who already possess experience in the field of environmental control and/or are trained in a related field.

All students registering in this program must do so in consultation with the instructor and advisors for the Environmental Quality Control Program.

Students may progress at their own rate; however, it is recommended that the certificate requirements be completed within three (3) years.

The need for laboratory work will depend upon the student's background.

NON-CERTIFICATE STUDENTS

Persons wishing to take certain courses in the program but not wishing to obtain a certificate may register for those courses with the permission of the instructor and advisor.

CERTIFICATE IN AIR SAMPLING AND ANALYSIS

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
Environmental Quality Control 1110 or Environmental Quality Control 1220	3	Environmental Quality Control 1111 or Environmental Quality Control 1221	3
plus		plus	
Environmental Quality Control 1214	3	Environmental Quality Control 1223	4
Geography 1210	4	Environmental Quality Control 1215	3
Directed Readings in Air Pollution	3	Directed Readings in Air Pollution	3
Mathematics 1224	3	Biology 1210	4
<hr/>		<hr/>	
Total credits	16	Total credits	17
		Total credits for graduation	33

CERTIFICATE IN WATER SAMPLING AND ANALYSIS

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
Environmental Quality Control 1110 or Environmental Quality Control 1220	3	Environmental Quality Control 1111 or Environmental Quality Control 1221	3
plus		plus	
Environmental Quality Control 1214	3	Environmental Quality Control 1225	4
Biology 1219	4	Environmental Quality Control 1215	3
Biology 1210	4	Biology 1218	4
Directed Readings in Water Pollution	3	Directed Readings in Water Pollution	3
<hr/>		<hr/>	
Total credits	17	Total credits	17
		Total credits for graduation	34

Students may obtain transfer credit for courses already taken, at the discretion of Mount Royal College, as outlined in the calendar.

INTERIOR DESIGN

ASSOCIATE DIPLOMA

06D

Mount Royal College Interior Design program seeks to provide the student with skills and knowledge necessary to transfer to universities or to work as a semi-professional assistant to an Interior Designer. The field of interior design specializes in the design of homes, offices and businesses such that the result will be aesthetically unified, pleasing and livable surroundings.

The program core emphasizes study and the development of practical skills in design. It involves a great deal of work outside the classroom such as drafting, sketching, model building and problem solving in design. Students are required to develop a design file that is comprised of fabric and carpet samples, as well as furniture and accessory catalogues.

It is recommended that students unable to type 30 words per minute register for the appropriate Secretarial Arts course.

Note: All students accepted into the Interior Design program will be required to pay a \$50 deposit, non-refundable, within three weeks of notification of acceptance into the program.

FRESHMAN YEAR

The Freshman Year is the foundation year for all Programs.

It is compulsory for all students.

Fall Semester	Credits	Spring Semester	Credits
*English 1110 (See *Note below)	3	General Education	3
General Education	3	Interior Design 1111	3
Interior Design 1120	4	Interior Design 1121	4
Interior Design 1122	3	Interior Design 1123	3
Interior Design 1126	2	Interior Design 1127	2
Total credits	15	Total credits	15

All students proceeding to second year are required to complete summer work, Interior Design 1201.

*English 1110 or any higher numbered course other than English 1180.

SOPHOMORE YEAR

A student having completed the Freshman requirements is eligible to continue in the Sophomore program.

INTERIOR DESIGN ASSISTANT

A graduate of this program may be employed as an interior design assistant by any of the following: professional interior designers, architects, department stores, interior design studios (in stores, government agencies, etc.), housing tract developers and interior furnishings suppliers.

SOPHOMORE YEAR

Fall Semester	Credits	Spring Semester	Credits
General Education	3	General Education	3
Interior Design 1201	1	Interior Design 1225	5
Interior Design 1212	2	Interior Design 1227	3
Interior Design 1224	5	Interior Design 1239	1
Interior Design 1238	1	Interior Design 1241	1
Interior Design 1240	1	Administration 1154	3
Elective	3	Elective	3
Total credits	16	Total credits	19
		Total credits for graduation	65
		Including Summerwork, Interior Design 1201.	

ASSOCIATE DIPLOMA — ARTS & SCIENCE

[with a major in Interior Design]

06T

Students seeking a university degree may be advised to select an Arts and Science Associate Diploma with a major in Interior Design. Refer to pages 38-39 for specific course requirements. To obtain maximum transfer credit, courses should be selected in close consultation with the student's academic advisor.

Note: The General Education Requirements are to be fulfilled from the four areas specified in the calendar (page 37-38) by taking one course from each of the four separate areas.

Note: All students accepted into the Arts & Science Associate Diploma program, with a major in Interior Design, will be required to pay a \$50 deposit, non-refundable, within three weeks of notification of acceptance into the program.

JOURNALISM

ASSOCIATE DIPLOMA

07D

This program is designed to give the student the academic background and skills required for modern journalism. The courses are taught in a classroom-newsroom situation. Students are responsible for the publication of a weekly newspaper. All student assignments are designed to provide practical experience in the various phases of newspaper production, including printing and typesetting.

After two years of study at Mount Royal College students have either gone directly into employment or have gone to universities to complete degrees. In the years that Mount Royal College has offered a journalism program, the overwhelming preponderance of graduates have chosen to complete degrees. The remainder have gone to work for small and medium-size daily newspapers primarily in Western Canada. The bulk of the graduating students who wish to complete degrees choose to attend universities in the United States. To date students have transferred to some 25 different American universities in the Pacific Northwest, California and the Midwest. In Canada, students transfer to Carleton University.

ADMISSION REQUIREMENTS

Students should have the equivalent of an Alberta grade 12 diploma or have left high school and be 18 years of age or over. Applicants must be able to type 30 words per minute or enrol in a typing course in first semester. All applicants will be required to attend an orientation day.

Students wishing to enter any of the Communicating and Performing Arts programs will be tested for basic reading and writing skills on orientation day. Anyone scoring grade 11 and over will be given clear admittance into the program. Those scoring between grade 10 and 11 will be expected to support their program with appropriate workshops. Those scoring below the grade 10 level will be asked to consider a program whereby their basic communication skills will be upgraded. Upon successful completion the student may then apply for admission into the program.

Note: All students accepted into the Journalism program will be required to pay a \$50.00 deposit, non-refundable, within three weeks of notification of acceptance into the program.

FRESHMAN YEAR

Fall Semester	Credits	Spring Semester	Credits
*English 1110 (See *Note below)	3	Communications 1212 — General Reporting	3
Communications 1120		General Education	3
Introduction to Journalism	3	Political Science 1111 — Structure and Dynamics of Government or Political Science 1220 — Canadian Government & Administration	3
General Education	3	Electives	6
Political Science 1110 — Introduction to Political Science or Political Science 1120 — Introduction to Canadian Government and Administration	3	Communications 1171	
Communications 1170		Beginnings of Modern Journalism	1
Early Journalism History	1		
Secretarial Arts 1136 — Beginning Shorthand — (Forkner)	3		
Total credits	16	Total credits	16

SOPHOMORE YEAR

Fall Semester	Credits	Spring Semester	Credits
General Education	3	Communications 1225 — Senior Public Affairs Reporting	3
Communications 1120 — Editing	3	General Education	3
Communications 1222 — Reporting Public Affairs	3	Communications 1273 — Problems of the Mass Media	1
Communications 1172 — Modern Journalism	1	Communications 1221 — Senior Editing	3
Electives	3	Electives	6
Communications 1141			
Introduction to Photo Journalism	3		
Total credits	16	Total credits	16
		Total credits for graduation	64

ASSOCIATE DIPLOMA — ARTS & SCIENCE

[with a major in Journalism]

Students seeking a university degree may be advised to select an Arts and Science Associate Diploma with a major in Journalism. Refer to pages 38-39 for specific course requirements. To obtain maximum transfer credit, courses should be selected in close consultation with the student's academic advisor. Students wishing to transfer to Carleton University are advised to transfer after taking the first year of the associate diploma program.

Note: The General Education requirements are to be fulfilled from the four areas specified in the calendar (page 37-38) by taking one course from each of the four separate areas.

Note: All students accepted into the Arts & Science Associate Diploma program, with a major in Journalism, will be required to pay a \$50.00 deposit, non-refundable, within three weeks of notification of acceptance into the program.

***Note:** Or any other higher numbered course excluding English 1180.

LEISURE EDUCATION

ASSOCIATE DIPLOMA — LEISURE EDUCATION

[with a major in Community Recreation]

10T or D

This program is designed to prepare persons to live a more enriched life, to serve the needs of public and private agencies and to assume leadership in a variety of recreational settings. Students completing the two year career program will be qualified to be employed as technicians in a variety of recreational settings.

The Community Recreation Leadership program, under the auspices of Leisure Education, is designed to train prospective students with the specialized skills, knowledge and attitudes needed to be an effective recreation worker in the community. Students learn to plan, organize and coordinate face to face activities and services of community agencies such as Boys Club, Y's, etc., plus municipal recreation and parks departments.

Community Recreation is a two year career or transfer program leading to an Associate Diploma. Core courses include various recreation classes including; outdoor recreation, camping recreation, community recreation, recreation administration, leadership techniques, physical education activities, and various biology, sociology, or social problem classes. Field placement practicums are also emphasized in the program.

ADMISSION REQUIREMENTS

Applicants must possess the equivalent of an Alberta High School Diploma or have left high school and be 18 years or over.

FRESHMAN YEAR

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
English	3	Physical Education	2
General Education (N.T.S.C.)	3	General Education (Comm)	3
General Education (Bhav. Sc.)	3	General Education (Humn)	3
Leisure Education 1110	3	Leisure Education 1210	3
Leisure Education 1131	3	Leisure Education 1231	3
Leisure Education 1251	2	Leisure Education 1252	2
		Elective	3
Total credits	17	Total credits	19

SOPHOMORE YEAR

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
Leisure Education 1211	3	Leisure Education 1212	3
Leisure Education 1240	3	Leisure Education 1245	2
Leisure Education 1243	2	Leisure Education 1254	2
Leisure Education 1253	2	Elective	3
Leisure Education 1290	3	Elective	3
Elective	3	Elective	3
Total credits	16	Total credits	16
		Total credits for graduation	68

LEISURE EDUCATION

ASSOCIATE DIPLOMA — LEISURE EDUCATION

[with a major in Therapeutic Recreation]

70D

Mount Royal College Therapeutic Recreation Program is designed to provide students with necessary skills, knowledge, and attitudes needed to plan and implement recreation programs for special groups, such as the mentally and physically disabled and the aged. The graduate is prepared for the responsibility of planning, coordinating and conducting face to face activities and services in therapeutic settings.

Therapeutic Recreation students study human anatomy and kinesiology; communicating and physical activities for the disabled; arts and crafts for the disabled; recreation philosophy, principles and practices; and psychology. The program is a two year career or transfer program. Field placement practicums are also emphasized in the program.

ADMISSION REQUIREMENTS

Applicants must possess the equivalent of an Alberta High School Diploma or have left high school and be 18 years of age or over.

FRESHMAN YEAR

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
**Physical Education 2261	4	**Physical Education 2263	4
Leisure Education 1160	3	Leisure Education 1260	3
***Social Work 1110	3	Leisure Education 1252	2
*English (See *Note below)	3	Leisure Education 1265	3
Leisure Education 1132	3	Leisure Education 1240	3
Leisure Education 1251	2	Psychology (1200 or 2200 level)	3
Total credits	18	Total credits	18

SOPHOMORE YEAR

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
Leisure Education 1253	2	Leisure Education 1232	3
***Drama 1110	3	Psychology 1217	3
Leisure Education 1243	2	Leisure Education 1254	2
***Humanities	3	Leisure Education 1269	2
***Natural Science	3	Leisure Education 1267	3
Elective	3	Elective	3
Total credits	16	Total credits	16
		Total credits for graduation	68

*Note: Or any other higher numbered course excluding English 1180.

**Physical Education 2261 and Physical Education 2263 may be taken interchangeably either in fall or spring of the Freshman year.

***Denotes that the course meets a General Education requirement.

ASSOCIATE DIPLOMA — ARTS & SCIENCES

[with a major in Leisure Education]

10T

This program is designed for students desiring transferability to a university to complete their degree in Leisure Education.

FRESHMAN YEAR

Fall Semester	Credits	Spring Semester	Credits
**English (See **Note below)	3	Leisure Education 1210	3
General Education	3	Leisure Education 1252	2
Leisure Education 1110	3	General Education	3
Leisure Education 1251	2	*Elective	3
*Elective	3	Elective	3
Elective	3	Elective	3
Total credits	17	Total credits	17

SOPHOMORE YEAR

Fall Semester	Credits	Spring Semester	Credits
Leisure Education 1211	3	Leisure Education 1212	3
Leisure Education 1253	2	Leisure Education 1254	2
General Education	3	General Education	3
*Elective	3	*Elective	3
Elective	3	Elective	3
Elective	3	Elective	3
Total credits	17	Total credits	17
		Total credits for graduation	68

*Students are strongly advised to check the requirements of the universities to which they may transfer in order to select those courses which may aid in the transfer process. The general pattern appears to be that requirements include Social Science, Behavioral Science, Natural Science, and Physical Education courses. Contact your advisor for more details.

****Note:** Or any other higher numbered course excluding English 1180.

Note: The General Education Requirements are to be fulfilled from the four areas specified in the calendar (pages 37-38) by taking one course from each of the four separate areas.

LEISURE FACILITIES OPERATIONS

84D

This is a two year joint program between the Southern Alberta Institute of Technology and Mount Royal College.

It is designed to prepare individuals who are interested in pursuing a career in facility operation including both the programming and maintenance-operation functions. Field placement practicums are also emphasized in the program.

Although geared to meeting the needs of smaller municipalities, opportunities for employment are also available in larger urban areas.

SAIT YEAR

Term No. 1

1. Human Relations
2. Facility Management
3. Electrical Fundamentals
4. Orientation

Term No. 3

1. Mechanical Room Maintenance
2. Ice-making and Maintenance
3. Camps and Waterfronts
4. Safety Standards

Term No. 2

1. Introduction to Report Writing
2. Effective Letter Writing
3. Swimming Pool Operation
4. First Aid
5. Low Pressure Boilers

Term No. 4

1. Drafting and Surveying
2. Turf Construction
3. Outdoor Facilities

MOUNT ROYAL COLLEGE YEAR

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
Leisure Education 1110	3	Leisure Education 1210	3
Leisure Education 1211	3	Leisure Education 1212	3
Leisure Education 1243	2	Leisure Education 1245	2
Leisure Education 1251	2	Leisure Education 1252	2
Physical Education 1215	3	Leisure Education 1254	2
Administration 1130	3	General Education	3
General Education	3	Elective	3
Total credits	19	Total credits	18

Note: It is strongly recommended that the first year of this program be taken at S.A.I.T. and the second year at Mount Royal College.

MEDICAL OFFICE ASSISTANT

ASSOCIATE DIPLOMA

60D

The Medical Office Assistant program prepares students for employment as medical office assistants. The curriculum is designed to provide theory and practice in basic health-occupation skills and to provide for competency in the performance of business functions related to the medical office practice. The four semester program, culminating in an Associate Diploma, encompasses theory, laboratory practice, and clinical experience in medical and business skills as well as selected courses in general education. Although emphasis is on employment in physicians' offices, employment opportunities are also available in hospitals, extended care facilities, clinics, insurance companies and industry.

Note: All students accepted into the Medical Office Assistant program will be required to pay a \$50 deposit, non-refundable, within three weeks of notification of acceptance into the program.

FRESHMAN YEAR

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
Secretarial Arts 1110	3	Secretarial Arts 1136	3
Secretarial Arts 1112 or 1212	4	Secretarial Arts 1150	3
Secretarial Arts 1160	3	Secretarial Arts 1212 or 1224	4
Secretarial Arts 1172	3	Secretarial Arts 1280	3
Secretarial Arts 1180	1	General Education	3
General Education	3		
Total credits	17	Total credits	16

SOPHOMORE YEAR

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
Secretarial Arts 1210	3	Secretarial Arts 1111	3
Secretarial Arts 1215	3	Secretarial Arts 1211	3
Secretarial Arts 1236	3	Secretarial Arts 1274	3
Secretarial Arts 1272	3	General Education	3
General Education	3	Elective	3
Total credits	15	Total credits	15
		Total credits for graduation	62-64

Note: The General Education Requirements are to be fulfilled from the four areas specified in the calendar (pages 37-38) by taking one course from each of the four separate areas.

MUSIC

ASSOCIATE DIPLOMA

59D

This is a two year professional course for prospective teachers of music. The program leads to a teaching diploma in most musical subjects. The prescribed course of studies provides a complete preparation for the Association teachers' examination in music of Mount Royal College; the Royal Conservatory of Music, Toronto; and of certain other institutions. While the program outlines the basic pattern of prospective teachers of music, exceptional cases may justify a modification of the program, e.g. where a student has completed all or part of the theoretical requirements for the diploma examination he may be exempted from all or part of the theoretical studies.

ADMISSION REQUIREMENTS

The minimum requirements for admission to the Professional Diploma Course are as follows:

- Grade X certificate in the student's principal practical instrument.
- Grade II Theory, Grade III Harmony and History III or equivalent.
- Eighteen year of age or over, or the equivalent of an Alberta High School Diploma.

Courses in all aspects of musical development can be arranged to meet individual student's requirements based on previous study and level of achievement. Further information may be obtained from the Director, Conservatory of Music, Mount Royal College.

There are three principal programs:

- (1) for KEYBOARD INSTRUMENTS — Pianoforte or Organ.
- (2) for ORCHESTRAL INSTRUMENTS — Strings, Woodwinds or Brass.
- (3) for VOCAL MUSIC.

Each of the courses is designed to cover a two year period of instruction and study. In very exceptional circumstances where a student shows sound evidence of having completed the work of the first year, admission to the second year may be approved.

Further information may be obtained from the Director, Conservatory of Music, Mount Royal College.

1] KEYBOARD INSTRUMENTS [PIANOFORTE OR ORGAN]

FRESHMAN YEAR

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
General Education	3	General Education	3
1st semester Principal		2nd semester Principal	
Keyboard Instrument 1130	2	Keyboard Instrument 1230	2
1st semester Second Practical		2nd semester Second Practical	
Study, Strings, Wind or Voice	1	Study, Strings, Wind or Voice	1
Music History Grade III, 1217	3	Music History IV, 1218	3
Music Harmony Grade III, 1212	3	Music Harmony IV, 1213	3
Aural Training I - 1101	1	Aural Training II - 1103	1
Pedagogy I - 1105	1	Pedagogy II - 1106	1
Pianoforte Literature 1107	1	Keyboard Harmony and	
		Improvisation III, 1210	1
Total credits	15	Total credits	15

SOPHOMORE YEAR

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
General Education	3	General Education	3
3rd semester Principal		4th semester Principal	
Keyboard Instrument 1231	2	Keyboard Instrument 1232	2
3rd semester Second Practical		4th semester Second Practical	
Study, Strings, Wind or		Study, String, Wind or Voice	1
Voice	1	Musical Form 1226	3
Music History Grade V, 1225	3	Advanced Free Counterpoint 1228	3
Music Harmony Grade V, 1227	3	Aural Training IV - 1208	1
Aural Training III - 1201	1	Pedagogy IV - 1206	1
Pedagogy III - 1205	1	Advanced Keyboard Harmony	
Advanced Pianoforte		and Improvisation 1210	1
Literature 1207	1	Elective	3
Elective	3		
Total credits	18	Total credits	18
		Total credits for graduation	66

[2] ORCHESTRAL INSTRUMENTS [STRINGS, WOODWIND OR BRASS]

FRESHMAN YEAR

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
General Education	3	General Education	3
1st semester Principal Orchestral Instrument	2	2nd semester Principal Orchestral Instrument	2
1st semester Second Practical Study Pianoforte Obligatory	1	2nd semester Second Practical Study Pianoforte Obligatory	1
Music History Grade III, 1217	3	Music History Grade IV, 1218	3
Music Harmony Grade III, 1212	3	Music Harmony Grade IV, 1213	3
Aural Training I- 1101	1	Aural Training II- 1103	1
Pedagogy I- 1105	1	Pedagogy II- 1106	1
Orchestra (MRC Calgary Youth Orchestra I) 1119 (or) Band (MRC Concert Band I) 1122	1	Orchestra (MRC Calgary Youth Orchestra II) 1219 (or) Band (MRC Concert Band II) 1222	1
Total credits	15	Total credits	15

SOPHOMORE YEAR

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
General Education	3	General Education	3
3rd semester Principal Orchestral Instrument	2	4th semester Principal Orchestral Instrument	2
3rd semester Second Practical Study Pianoforte Obligatory	1	4th semester Second Practical Study Pianoforte Obligatory	1
Music History Grade V, 1225	3	Musical Form 1226	3
Music Harmony Grade V, 1227	3	Advanced and Free Counterpoint 1228	3
Aural Training III- 1201	1	Aural Training IV- 1208	1
Pedagogy III- 1205	1	Pedagogy IV- 1206	1
Orchestra (MRC Calgary Youth Orchestra III) 1220 (or) Band (MRC Concert Band III) 1223	1	Orchestra (MRC Calgary Youth Orchestra IV) 1221 (or) Band (MRC Concert Band IV) 1224	1
Elective	3	Elective	3
Total credits	18	Total credits	18
		Total credits for graduation	66

[3] VOCAL MUSIC

FRESHMAN YEAR

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
General Education	3	General Education	3
1st semester Second Practical Study Pianoforte Obligatory	1	2nd semester Second Practical Study Pianoforte Obligatory	1
Music History Grade III, 1217	3	Music History Grade IV, 1218	3
Music Harmony Grade III, 1212	3	Music Harmony Grade IV, 1213	3
Aural Training I - 1101	1	Aural Training II - 1103	1
Pedagogy I - 1105	1	Pedagogy II - 1106	1
*Music 1114		*Music 1214	
Lecture	2)	Lecture	2)
Rehearsal	1)	Rehearsal	1)
Total credits	15	Total credits	15

SOPHOMORE YEAR

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
General Education	3	General Education	3
3rd semester Second Practical Study Pianoforte Obligatory	1	4th semester Second Practical Study Pianoforte Obligatory	1
Music History Grade V, 1225	3	Musical Form 1226	3
Music Harmony Grade V, 1220	3	Advanced Free Counterpoint 1228	3
Aural Training III - 1201	1	Aural Training IV - 1208	1
Pedagogy III - 1205	1	Pedagogy IV - 1206	1
Elective	3	Elective	3
*Music 1215		*Music 1216	
Lecture	2)	Lecture	2)
Rehearsal	1)	Rehearsal	1)
Total credits	18	Total credits	18
		Total credits for graduation	66

*Students have the option of singing with the Mount Royal Singers in concerts, radio, television and tours. Further information may be obtained from the Director of Choral and Vocal Programs through the Conservatory of Music.

Note: The General Education Requirements are to be fulfilled from the four areas specified in the calendar (pages 37-38) by taking one course from each of the four separate areas.

NURSING

ASSOCIATE DIPLOMA

14D

The International Council of Nurses definition of nursing is as follows:

"The unique function of the nurse is to assist the individual, sick or well, in the performance of those activities contributing to health, or its recovery (or to a peaceful death) that he would perform unaided if he had the necessary strength, will or knowledge to do this, in such a way as to help him gain independence as rapidly as possible."

Mount Royal College's nursing program is planned to assist students to learn the "unique function of the nurse"; and to be able to coordinate those activities with other members of the broad health field.

The curriculum includes biological and social sciences from which principles learned are applied to the practice of nursing; general education; and specific nursing courses.

Nursing students must meet the minimum academic requirements as set by the Universities' Coordinating Council. Students who fail to maintain continued progress in nursing courses, both academic **and** clinical,* will no longer be considered students of record and must apply for readmission. IN ALL CASES A FAILURE IN THE CLINICAL AREA WILL MEAN FAILURE OF THE COURSE REGARDLESS OF ACADEMIC GRADE. Students may repeat nursing courses only at the discretion of and with written permission of the Nursing Department.

*Any student who discontinues the nursing program, must apply for readmission.

The nursing courses are planned to utilize the concepts of independent study and students must learn to be self-directive. Instructors are available to assist with any learning problems and provide guidance in the independent study aspects of the program. Application of principles and development of nursing skills are an integral part of each course. Nursing instructors are responsible for the selection and supervision of all patient care experiences.

Note: Students who audit nursing courses are not allowed to participate in clinical experiences.

ADMISSION REQUIREMENTS

A. Regular Admission

1. Alberta High School Diploma or the equivalent.
2. 60% average and a mark of no less than 50% in:
 - (1) English 30,
 - (2) Biology 30, and
 - (3) two of: Chemistry 30, a foreign language 30, Mathematics 30, Mathematics 31, Physics 30, Social Studies 30, or one of the preceding and any other '30 subject.

B. Adult Admission (Adults who have passed their twenty-fifth birthday may apply under this category.)

1. Proof of age,
2. 60% average and a mark of no less than 50% in:
 - (1) English 30,
 - (2) Biology 30, and
 - (3) one of: Chemistry 30, a foreign language 30, Mathematics 30, Mathematics 31, Physics 30, Social Studies 30, or any other '30 subject.

Other Instructions for Admission

Applicants who meet these minimum academic standards will be reviewed in light of the following criteria:

1. The number of supplemental examinations written.
2. References and transcripts from other post-secondary institutions attended.
3. The number of '30' level subjects presented.
4. Family or medical circumstances which may affect a student's progress.
5. Interviews and/or testing of prospective nursing students may be required.
6. Nursing is a limited enrollment program. Students are advised to apply early and to complete all admission requirements as quickly as possible. Each completed application will be reviewed in order of receipt. Students who expect to complete academic requirements by June of any year should not wait for final transcripts before applying. Applications will be accepted on or after October 15 for the following academic year.

All persons accepted into Nursing will be required to deposit \$50.00 toward their fees at the time of acceptance in order to ensure their place.

C. Academic Upgrading

Students with deficiencies in the admission requirements will be referred to the Counsellor for the Nursing Department. The Counsellor, in consultation with the Nursing Advisor, will recommend courses which will qualify the student for application to Nursing the following year.

Courses may vary in number and length depending on an individual's needs. The student must obtain at least a 'C' average, with no course less than a 'D' grade. Participation in this program does not ensure that the student will be accepted for the following nursing class. Students must apply for the nursing program on or after October 15 for the following year.

FRESHMAN YEAR

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
*English 1110 (See *Note below)	3	Nursing 1111 — Common Elements of Illness I	5
Nursing 1110 — Foundations of Nursing	5	Nursing 1112 — Common Elements of Illness II	5
Biology 1220 — Anatomy and Physiology I	4	Biology 1221 — Anatomy and Physiology II	4
Psychology 1110	3	Psychology 1210	3
Total credits	15	Total credits	17

INTERSESSION [6 weeks] — Summer

Nursing 1113 — Medical-Surgical Nursing I	5
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SOPHOMORE YEAR

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
Nursing 1210 — Care of the Family I	5	Nursing 1212 — Medical-Surgical Nursing II	10
Nursing 1211 — Care of the Family II	5	Electives 1110 level or higher	6
Sociology 1110 — (or a higher course)	3		
Biology 1212 — Disease and Parasitism	4		
Total credits	17	Total credits	16

INTERSESSION [6 weeks] — Summer

Nursing 1213 — Advanced Nursing	5
Total credits toward graduation	75

GRADUATION REQUIREMENTS

In addition to the general graduation requirements, a minimum grade of C is required in all Nursing and Biology required courses, and Psychology 1210.

Mount Royal College Nursing Program is approved by the Coordinating Council of the Universities of Alberta. The nurse registration examinations are known as conjoint examinations since they serve two purposes: to qualify for registration, and to authorize graduation from a school upon completion of the curriculum. This means that the diploma cannot be issued until the R.N. examinations are successfully completed.

***Note:** Or any other higher numbered course excluding English 1180.

PETROLEUM LAND MANAGEMENT

ASSOCIATE DIPLOMA — ARTS & SCIENCE

[with a major in Petroleum Land Management]

44T

The Petroleum Land Management Department prepares a student for a career in the business part of the petroleum industry. The course is designed as the first two years of a four year university program in Petroleum Land Management at the University of Texas or the University of Oklahoma. Diploma students basically study a general business, math-science curriculum, preparing them for transfer and specialization. The Field Landmen in the Petroleum industry coordinate the oil company's use of the land with individuals or agencies. Landmen also review leases and governmental and legal obligations.

While a student at Mount Royal College, the individual fulfills general education requirements as well as courses in math, physics, geology, business and petroleum.

Business, math and science courses provide the core for transfers.

Students planning to obtain a degree are advised to read page 38.

FRESHMAN YEAR

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
General Education	3	General Education	3
*English 1110 (See *Note below) ..	3	Mathematics	4
Engineering	2	Administration	3
Geology 1120	4	Geology 1121	4
**Elective	3-4	**Elective	3-4
Total credits	<u>15-16</u>	Total credits	<u>17-18</u>

SOPHOMORE YEAR

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
General Education	3	General Education	3
Math 1120	4	Math 1219	4
Geology	4	Physics	4
**Elective	3-4	**Elective	3-4
Total credits	<u>14-15</u>	Total credits	<u>14-15</u>
		Total credits for graduation	60-64

*Note: Or any other higher numbered course excluding English 1180.

**Students should see their advisor regarding electives. Petroleum 1110 and Petroleum 1210 are strongly recommended.

Note: The General Education Requirements are to be fulfilled from the four areas specified in the calendar (pages 37-38) by taking one course from each of the four separate areas.

Note: It is hopeful that, beginning the academic year of 1977/78, Mount Royal College will be able to offer both a two year career diploma and a one year certificate in Petroleum and Mineral Resource Land Management. The present Petroleum Land Management Arts and Science Diploma Program will remain for transfer purposes.

PHYSICAL EDUCATION

ASSOCIATE DIPLOMA — ARTS & SCIENCES

11T

[with a major in Physical Education]

(with patterns in Aquatic Administration, Physical Fitness Instructor and Evaluator, Community Coach, and Athletic Training and Conditioning)

The first pattern listed below is recommended for students planning to transfer and complete a degree.

The other patterns listed are recommended for students who plan to complete a diploma program in order to enter the work force or to transfer after two years and complete a degree. Each pattern provides two years of college courses which are equivalent to the first two years of a four year university program in Physical Education. Because degree requirements vary, students planning to take the transfer program should consult the Calendars of institutions to which they expect to transfer and, with an advisor, plan their program at Mount Royal College.

The student has the choice of entering five patterns in Physical Education at Mount Royal College: Aquatic Administration, Physical Fitness Instructor and Evaluator, Community Coach, Athletic Training and Conditioning and University Transfer. The student choosing the transfer program may not necessarily receive a diploma depending upon the courses selected. The other four patterns provide the opportunity to receive a diploma.

ADMISSION REQUIREMENTS

Applicants must possess the equivalent of an Alberta High School Diploma or have left high school and be 18 years of age or over.

FRESHMAN YEAR

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
*English 1110 (See *Note below)	3	Physical Education 1211	3
Biology 1110	4	Electives	6
Physical Education 1110	3	Physical Education Electives	4
Physical Education 1112	2	General Education	3
Physical Education Electives	4	Physical Education 1113	2
Total credits	16	Total credits	18

SOPHOMORE YEAR

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
Physical Education 2261	4	Physical Education 1220	3
Physical Education Elective	4	Physical Education 1221	3
Electives	6	Physical Education Elective	4
General Education	3	Elective	3
		General Education	3
Total credits	17	Total credits	16
		Total credits for graduation	67

***Note:** Or any other higher numbered course excluding English 1180.

Note: The General Education Requirements are to be fulfilled from the four areas specified in the calendar (pages 37-38) by taking one course from each of the four separate areas.

PUBLIC ADMINISTRATION

ASSOCIATE DIPLOMA

55D

The objective of this program is to develop the students administrative skills and knowledge for positions in the public service at the municipal, provincial and federal level, as well as institutional organizations i.e., hospitals, secondary school boards, etc.

The program of instruction is intentionally broad enough to incorporate specific administrative skills, and to introduce the student to Accounting and Personnel Administration as well as Political Science and Economics. This program offers pattern selections so that the student can equip himself with sufficient knowledge to meet the variety of opportunities offered in governmental and institutional service.

ADMISSION REQUIREMENTS

Applicants must possess the equivalent of an Alberta High School Diploma or have left high school and be 18 years of age or over.

FRESHMAN YEAR

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
*Economics 1110 or higher	3	Political Science 1220 —	
Administration 1110 — Business English	3	Canadian Government & Administration	3
Administration 1130 — Principles of Management	3	Planning 1203 — Administrative Planning Law	3
Political Science 1120 — Introduction to Canadian Government & Administration	3	Administration 1170 — Personnel Administration	3
General Education	3	Administration 1160 — Business Mathematics & Statistics OR	
		Administration 1261 — Applied Statistical Analysis	3
		General Education	3
Total credits	15	Total credits	15

SOPHOMORE YEAR

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
Administration 1120 — Accounting	4	Administration 1260 — Systems & Procedures for Management	3
Administration 1210 — Business Communications	3	*Administration Electives	6
**Administration Elective	3	Elective	3
General Education	3	General Education	3
Elective	3		
Total credits	16	Total credits	15
		Total credits for graduation	61

*Not allowable are ECON 1150 or ECON 1180.

**Electives other than "Administration" may be selected in consultation with the Administrative Studies Advisor.

Note: The General Education Requirements are to be fulfilled from the four areas specified in the calendar (pages 37-38) by taking one course from each of the four separate areas.

PUBLIC ADMINISTRATION

CERTIFICATE PROGRAM

55E

This program provides a good basic foundation in Public Administration. The timetable is arranged so that the part time and evening student, as well as the regular student, can be accommodated.

ADMISSION REQUIREMENTS

Applicants must possess the equivalent of an Alberta High School Diploma or have left high school and be 18 years of age or over.

FRESHMAN YEAR

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
Administration 1110 — Business English	3	Economics 1110 — Microeconomics (or higher)	3
Political Science 1120 — Introduction to Canadian Government & Administration	3	Political Science 1220 — Canadian Government & Administration	3
Administration 1130 — Principles of Management	3	Administration 1260 — Systems and Procedures for Management	3
Administration 1170 — Personnel Administration	3	*Administration elective	3
Administration 1120 — Accounting	4	Administration 1160 — Business Mathematics & Statistics	3
Total credits	16	Total credits	15
		Total credits for graduation	31

*Elective other than "Administration" may be selected in consultation with the Administrative Studies Advisor.

PUBLIC RELATIONS

ASSOCIATE DIPLOMA

58D

The Public Relations program at Mount Royal College is designed to prepare a student for direct employment in some phase of public relations. The student is given the theoretical basis for his work and is told how public relations techniques are put into operation. The student is also expected to undertake certain public relations projects and therefore learn by doing. These projects normally involve developing a complete public relations program for an organization or company. Students evaluate the existing situations, pinpoint problem areas, evaluate attitudes and effects, and design public relations programs to overcome the problems.

Students also take several journalism and broadcasting courses as well as their normal complement of public relations. Since most public relations employees are required to do news writing and editing, and work closely with persons employed by the entire news media, a thorough understanding of the areas is essential. Students also take a graphics course to aid in the understanding of good display and meaningful presentation of materials.

ADMISSION REQUIREMENTS

Students should have the equivalent of an Alberta grade 12 diploma or have left high school and be 18 years of age or over. Applicants must be able to type 30 words per minute or enrol in a typing course in first semester. All applicants will be required to attend an orientation day.

Students wishing to enter any of the Communicating and Performing Arts programs will be tested for basic reading and writing skills on orientation day. Anyone scoring grade 11 and over will be given clear admittance into the program. Those scoring between grade 10 and 11 will be expected to support their program with appropriate workshops. Those scoring below the grade 10 level will be asked to consider a program whereby their basic communication skills will be upgraded. Upon successful completion the student may then apply for admission into the program.

Note: All students accepted into the Public Relations program will be required to pay a \$50.00 deposit, non-refundable, within three weeks of notification of acceptance into the program.

FRESHMAN YEAR

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
Communications 1161 — Public Relations Introduction	3	Communications 1250 — Graphics for Public Relations	3
Communications 1130 — Introduction to Public Relations, Broadcasting	3	Communications 1230 — Public Relations Broadcasting: T.V.	3
Communications 1120 — Introduction to Journalism	3	Communications 1212 — Reporting	3
English 1110 — English Composition	3	Administration 1131 — Business Administration, Organization and Management	3
General Education	3	General Education	3
Total credits	15	Total credits	15

SOPHOMORE YEAR

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
Communications 1260 — Public Relations Analysis	3	Communications 1141 — Photo Journalism	3
Speech 1110	3	Communications 1261 — Public Relations Methods	3
Communications 1220 — Editing	3	General Education	3
English 1217	3	*Electives	6
General Education	3	Administration 1150	3
Total credits	15	Total credits	18
		Total credits for graduation	63

UNIVERSITY TRANSFER

58T

There is no degree granting university program in Canada to which our public relations courses transfer. Students wishing to transfer to Canadian universities should consult with the academic advisor to ensure that the courses selected in other areas are transferable to the university of their choice. Students wishing a university degree are advised to major in economics, marketing, or business administration after their two year Public Relations program.

SECRETARIAL ARTS

ASSOCIATE DIPLOMA

02D

The Secretarial Arts two year program is designed to provide a general education as well as training that prepares a student for a position as a competent secretary. The program provides courses in Liberal Arts, develops secretarial skills to a high level of speed and efficiency, and provides on-the-job training through secretarial internship.

ADMISSION REQUIREMENTS

Applicants must possess the equivalent of an Alberta High School Diploma or have left high school and be 18 years of age or over.

ARTICULATION ARRANGEMENT

The Secretarial Arts Division of Mount Royal College has inaugurated an articulation arrangement whereby Alberta high school students who have a business education background may apply for advanced credit in the secretarial programs of the College. To qualify for articulation privileges, a student must:

1. Make formal application to the Registrar of the College for regular admission to the College.
2. Make formal application to the Chairman, Secretarial Arts Department, for permission to write the articulation examinations at least four (4) weeks prior to the commencement of each semester.
3. Write a battery of articulation examinations (these examinations will be prepared and administered by the instructors of the Secretarial Arts Division and will be designed to test the student's background, knowledge, and skill competency in a given subject area to ensure that he/she is capable of working at a level equivalent to that expected of students who have completed an established Mount Royal College introductory course).
4. Pay the articulation examination fee of \$25 for the battery of tests, which will cover the preparation of the examinations, the invigilation, and the marking of the papers. Payment of this fee must be made prior to the writing of these examinations.

A student will be permitted to write the articulation examinations not more than twice.

The candidate may apply for permission to write the articulation examinations in no fewer than three (3) Mount Royal College introductory level courses and not more than five (5) Mount Royal College introductory level courses. Initially, articulation examinations will be given in the following subject areas:

- Accounting
- Business Machines
- Shorthand Theory
- Introduction to Business
- Typing

The final grade that will be given for introductory level course advance credit will be the same grade as that earned by the student in the more advanced course taken at Mount Royal College.

QUALIFICATIONS FOR MRC ARTICULATION CANDIDACY

It is suggested that students applying for articulation with the Secretarial Arts Department of Mount Royal College should have:

1. An Alberta High School diploma.

2. A minimum of twenty-five Alberta High School credits earned in the Business Education area. These credits may have been earned in the following subjects:
 Accounting — 10, 20, 30
 Business Foundations — 10, 30
 Business Fundamentals — 10
 Business Machines — 30
 Data Processing — 20
 Computing Science — 30
 Business Organization and Management — 30
 Clerical Practice — 20
 Office Practice — 30
 Record Keeping — 10
 Shorthand — 20, 30, 31
 Typewriting — 20, 30
3. A minimum final grade in these courses of "C" or 50%.
4. An average final grade in the selected Business Education courses of "B" or 65%.

FRESHMAN YEAR

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
Secretarial Arts 1110	3	Secretarial Arts 1160 —	
General Education	3	Business Machines	3
Secretarial Arts 1172	3	General Education	3
Secretarial Arts 1150 — Accounting	3	Secretarial Arts 1215 —	
Secretarial Arts 1112 or		Accounting	3
1212 Typing	4	Secretarial Arts 1212 or 1224	
Secretarial Arts 1136	3	Typing	4
		Secretarial Arts 1236	3
Total credits	19	Total credits	16

SOPHOMORE YEAR

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
General Education	3	General Education	3
Secretarial Arts 1224 —		Secretarial Arts 1273 —	
Typing	4	Secretarial Internship	3
Secretarial Arts 1111 — Business		Secretarial Arts 1240 —	
Letters & Report Writing	3	Dictation	3
Elective	3	*Electives	6
Secretarial Arts 1272 —			
Secretarial Practices	3		
Total credits	16	Total credits	15
		Total credits for graduation	64-66

*The Department suggests that strong emphasis be placed on Secretarial Arts 1250 and 1251 as an elective choice.

ASSOCIATE DIPLOMA — ARTS & SCIENCE

[with a major in Secretarial Arts]

02T

Students seeking a university degree may be advised to select an Arts and Science Associate Diploma with a major in Secretarial Arts. Refer to pages 38-39 for specific course requirements. To obtain maximum transfer credit, courses should be selected in close consultation with the student's academic advisor.

Note: The General Education Requirements are to be fulfilled from the four areas specified in the calendar (pages 37-38) by taking one course from each of the four separate areas.

SOCIAL WORK PROGRAMS

Mount Royal College offers three programs in Social Work.

SOCIAL WORK PROGRAMS INCLUDE:

1. Certificate in Youth Services (formerly Residential Child Care) — 1 year.
2. Associate Diploma Arts & Science, Applied Social Science — 2 years.
3. Associate Diploma, Social Service Careers — 2 years.

Note: The Applied Social Sciences program is designed for students planning to continue on to a university degree. This program differs from the Social Service Careers program in that the student in Applied Social Sciences does not complete a field work component (weekly work in an agency).

YOUTH SERVICES

CERTIFICATE PROGRAM

57E

This one year program, combining classroom and field experience prepares graduates for employment as child care workers in a variety of residential settings including receiving homes, treatment centres, group homes and Indian residential schools. The program develops student initiative and skills to work effectively with school-age children in residence, and suggests methods of assisting the child to function in other environments including the family or foster family.

ADMISSION REQUIREMENTS

Applicants must possess the equivalent of an Alberta High School Diploma or have left high school and be 18 years of age or over. Applicants are expected to document their physical health status, and to establish reliability through written statements supplied by themselves and others they designate. Applicants are encouraged to discuss the program with the Academic Advisor at the College before registering, if at all possible.

Note: All students accepted into the Youth Services program will be required to pay a \$50 deposit, non-refundable, within three weeks of notification of acceptance into the program.

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
Social Work 1114	6	Social Work 1215	6
Social Work 1180 — (Field Work) ..	4	Social Work 1281 — (Field Work) ..	4
Social Work 1110	3	Social Work 1211	3
*English (See *Note below)	3	Recreation 1238	3
Recreation 1133	3		
Total credits	19	Total credits	16
		Total credits for graduation	35

***Note:** Or any other higher numbered course excluding English 1180.

Note: Social Work 1180 and 1281 are open only to those students who are taking the other courses listed above concurrently, or who have already completed them.

Experienced child care workers admitted to the program may be offered advanced credit for field work upon applying to the Program Coordinator, Youth Services.

ASSOCIATE DIPLOMA — ARTS & SCIENCE

[with a major in Applied Social Sciences]

05T

The Applied Social Science program is designed to give the social science student pursuing a university degree a broad background in the application of social science theory in a variety of human service settings. By concentrating learning, in addition to Arts and Science courses, in the fields of Correction, Youth Services, or Social Services, the student gains a sense of the possibilities for practical application of theoretical material.

The program is not designed to prepare students for immediate practice in a human service setting, but rather to provide a practice oriented base for continued study leading to a university degree.

ADMISSION REQUIREMENTS

Applicants must possess the equivalent of an Alberta High School Diploma or have left school and be 18 years of age or over.

REGISTRATION PROCEDURES

All students registering in this program must do so in consultation with an advisor from Counselling.

PATTERNS OF COURSE SELECTION

FRESHMAN YEAR

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
*English 1110 (See *Note below)	3	General Education	3
General Education	3	Social Work 1211	3
Any Arts & Science		Any Arts & Science	
Option	3	Option	3
Social Work 1114	6	Social Work 1215	6
Total credits	15	Total credits	15

***Note:** Or any other higher numbered course excluding English 1180.

SOPHOMORE YEAR

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
General Education	3	General Education	3
Any Arts and Science Options	6	Any Arts & Science Options	6
Social Work 1212	3	Social Work 1213	3
Social Work 1216	3	Social Work 1217	3
Social Work 1218	3	Social Work 1219	3
<hr/>		<hr/>	
Total credits	18	Total credits	18
		Total credits for graduation	66

Of the 66 credit hours required for graduation, 24 must be in 1200 level Arts and Science Courses, including Social Work 1212 and 1213, and any Arts and Science options.

Note: The General Education Requirements are to be fulfilled from the four areas specified in the calendar (pages 37-38) by taking one course from each of the four separate areas.

SOCIAL SERVICE CAREERS

ASSOCIATE DIPLOMA

56D

This is a two year program which combines a knowledge of the humanities and behavioral sciences, an understanding of social work theory and philosophy, and the development of practical skills in the College with field-work experience. Students are prepared for employment in a broad range of private health, welfare and social agencies, as well as provincial, municipal and civic social service, health and welfare agencies. The program prepares students to provide counsel, guidance, emotional support, rehabilitative services and material aid.

ADMISSION REQUIREMENTS

Applicants must possess the equivalent of an Alberta High School Diploma or have left high school and be 18 years of age or over. The first year of the program has no limit in terms of numbers of students. In the second year, the number of students accepted is limited by the number of field work (practice in agencies) placements available. Students will be expected to compete for these opportunities in a variety of ways, including academic performance and volunteer community service. All students registering in this program must do so in consultation with an advisor from Counselling Services.

Note: All students accepted into the Social Service Careers program will be required to pay a \$50 deposit, non-refundable, within three weeks of notification of acceptance into the program.

FRESHMAN YEAR

Fall Semester	Credits	Spring Semester	Credits
*English 1110 (See *Note below)	3	General Education	6
General Education (including SLWK 1110)	6	Social Work 1211	3
Social Work 1114	6	Social Work 1215	6
Social Work 1184 — (field work)	2	Social Work 1285 — (field work)	2
Elective	3	Elective	3
Total credits	20	Total credits	20

Note: Social Work 1184 and 1285 are open only to students who are taking the other Social Work Freshman Year courses concurrently or who have already completed them.

SOPHOMORE YEAR

Fall Semester	Credits	Spring Semester	Credits
Social Work 1212	3	Social Work 1213	3
Social Work 1216	3	Social Work 1217	3
Social Work 1218	3	Social Work 1219	3
Social Work 1294 — (Field Work)	4	Social Work 1295 — (Field Work)	4
Total credits	13	Total credits	13
		Total credits for graduation	66

Note: Social Work 1294, 1295 are open only to students who are taking the other social work courses in the Sophomore Year concurrently or who have already completed them.

***Note:** Or any other higher numbered course excluding English 1180.

Note: The General Education Requirements are to be fulfilled from the four areas specified in the calendar (pages 37-38) by taking one course from each of the four separate areas.

SPEECH

[Voice Production and Oral Interpretation]

ASSOCIATE DIPLOMA

68D

This course is designed for prospective private speech teachers. Employment is limited, for, at present speech is not taught as a subject in any Canadian school system with the exception of Mount Royal College. It is taught in private and group lessons similar to the teaching of music. The motivated teacher can earn a good living and contribute much to a community.

This course gives the student two years applicable to the Mount Royal College Conservatory of Speech three year program where the student prepares for examinations leading to associate teachers diplomas from Mount Royal College, The Royal Conservatory of Toronto and Trinity College, London.

It also provides transfer privileges to four year programs in selected American universities offering degrees in speech production and oral interpretation, as well as speech therapy.

Students are advised that no Canadian university offers a degree program in speech production and oral interpretation. This program is not transferable to Canadian institutions offering degrees in Speech Therapy.

ADMISSION REQUIREMENTS

Students should have the equivalent of an Alberta grade 12 diploma or have left high school and be 18 years of age or over. All applicants will be required to attend an orientation day.

Students wishing to enter any of the Communicating and Performing Arts programs will be tested for basic reading and writing skills on orientation day. Anyone scoring grade 11 and over will be given clear admittance into the program. Those scoring between grade 10 and 11 will be expected to support their program with appropriate workshops. Those scoring below the grade 10 level will be asked to consider a program whereby their basic communication skills will be upgraded. Upon successful completion the student may then apply for admission into the program.

FRESHMAN YEAR

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
General Education	3	General Education	3
*English 1110 (See *Note below)	3	English 1111	3
Speech 1111 — Oral Interpretation	3	Speech 1211 — Oral Interpretation	3
Drama 1112	3	Drama 1213	3
Speech 1110	3	Speech 1212	3
Total credits	15	Total credits	15

SOPHOMORE YEAR

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
Elective	3	Elective	3
General Education	3	General Education	3
Drama 1216	3	Speech 1223 — Speech Science	3
Speech 1220 — Reader's Theatre	3	Drama 1217	3
Linguistics 1210	3	Speech 1221 — Readers' Theatre	3
English 1210	3	English 1211	3
Total credits	18	Total credits	18
		Total credits for graduation	66

***Note:** Or any other higher numbered course excluding English 1180.

ASSOCIATE DIPLOMA — ARTS & SCIENCE

68T

Students seeking a university degree are advised to take the associate diploma which is transferable to selected universities in the United States. There are no degree programs in speech in Canada with the exception of speech therapy. The Mount Royal speech courses are not transferable to these programs.

Note: All students accepted into the Speech program will be required to pay a \$50.00 non-refundable, deposit, within 3 weeks of notification of acceptance into the program.

STENOGRAPHERS

CERTIFICATE PROGRAM

67E

The stenographic program is designed for students who seek positions as stenographers, that is, as employees who are competent in shorthand and transcribing from dictating equipment and in performing related duties. It is possible that the student will wish to continue his/her studies after the first year, gaining additional proficiency by enrolling in advanced courses that are offered in the Department of Continuing Education.

ADMISSION REQUIREMENTS

Applicants must possess the equivalent of an Alberta High School Diploma or have left high school and be 18 years of age or over.

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
Secretarial Arts 1160 — Business Machines	3	Secretarial Arts 1111 — Business Letters and Report Writing	3
Secretarial Arts 1110	3	Secretarial Arts 1215 — Accounting	3
Secretarial Arts 1172 — Introduction to Business for Secretaries	3	Secretarial Arts 1272 — Secretarial Practices	3
Secretarial Arts 1150 — Accounting	3	Secretarial Arts 1212 or 1224 — Typing	4
Secretarial Arts 1112 or 1212 — Typing	4	Secretarial Arts 1236 — Shorthand	3
Secretarial Arts 1136 — Shorthand	3		
Total credits	19	Total credits	16
		Total credits for graduation	34-35

Students who have had courses that would equal the requirements of the outlined program for certification should take an elective instead of repeating the work.

THEATRE ARTS

ASSOCIATE DIPLOMA — ARTS & SCIENCE

27D

[with a major in DRAMA]

There is an increasing interest in Theatre Arts throughout Canada. More professional theatre companies are being formed, educational drama has become a part of most school curriculae, and a surge of nationalism is being experienced through the increased interest in Canadian plays. Also television and film companies, both Canadian and foreign, have discovered Canadian actors and technicians.

Mount Royal College offers students diverse opportunities for education in Theatre Arts. The student may take one or two years preparatory for audition with the National Theatre School, Banff Centre School of Fine Arts, Professional schools in Vancouver or Victoria or the University of Alberta. Mount Royal College drama courses are transferable to the University of Calgary and other leading universities in Canada and the United States.

Degree requirements vary from university to university. Students should consult the academic advisor in Theatre Arts who will assist in planning a program to conform with the requirements of the chosen university.

ADMISSION REQUIREMENTS

Students should have the equivalent of an Alberta grade 12 diploma or have left high school and be 18 years of age or over. All applicants will be required to attend an orientation day.

Students wishing to enter any of the Communicating and Performing Arts programs will be tested for basic reading and writing skills on orientation day. Anyone scoring grade 11 and over will be given clear admittance into the program. Those scoring between grade 10 and 11 will be expected to support their program with appropriate workshops. Those scoring below the grade 10 level will be asked to consider a program whereby their basic communication skills will be upgraded. Upon successful completion, the student may then apply for admission into the program.

This is a possible pattern of study that a student might follow:

FRESHMAN YEAR

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
*English 1110 (See *Note below)	3	General Education	3
General Education	3	Elective — (Arts & Science option)	3
Drama 1112 — (Acting)	3	Drama 1213 — (Acting)	3
Drama 1114 — (Movement)	3	Drama 1215 — (Movement)	3
Drama 1120 — (Stagecraft)	3	Drama 1221 — (Stagecraft)	3
Total credits	15	Total credits	15

SOPHOMORE YEAR

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
General Education	3	General Education	3
Drama 1218 — (Design)	3	Elective — (Arts & Science option)	3
Drama 1111 — (Speech)	3	Drama 1211 — (Speech)	3
Drama 1216 — (Theatre History)	3	Drama 1217 — (Theatre History)	3
Drama 1222 — (Directing)	3	Elective — (Arts & Science option)	3
Total credits	15	Total credits	15
		Total credits for graduation	60

Note: The General Education requirements are to be fulfilled from the four areas specified in the calendar (pages 37-38) by taking one course from each of the four separate areas.

Note: All students accepted into the Theatre Arts program will be required to pay a \$50.00 deposit, non-refundable, within 3 weeks of notification of acceptance into the program.

***Note:** Or any other higher numbered course excluding English 1180.

MOUNT ROYAL COLLEGE

DIPLOMA AND CERTIFICATE COURSES

COURSE DESCRIPTIONS

INSTRUCTION AT MOUNT ROYAL COLLEGE IS MADE UP OF LECTURES, TUTORIALS, LABORATORY SESSIONS AND GUIDED INDEPENDENT STUDY.

ANY COURSE MAY USE ONE OR ALL OF THE DIFFERENT METHODS.

COURSES WILL NORMALLY BE OFFERED IN THE SEMESTER INDICATED BUT MAY NOT NECESSARILY BE OFFERED IN EACH YEAR.

Courses are numbered according to the following system:

1000 - 1099 Preparatory courses. Carry credit toward Associate Diploma or Certificate.

1100 - 1199 Introductory courses.

1200 - 1299 Advanced Courses requiring previous college level work.

2000 - 2299 University of Calgary courses offered at Mount Royal College.

Courses indicated with an asterisk are transferable to the University of Calgary as per their Transfer Guide dated 1975.

ADMINISTRATION [ADMN]

1. COMMUNICATIONS AREA

Administration 1110 — Business English

3 hours instruction
(3 credits)
Fall and Spring

Administration 1110 provides training in basic learning and business skills, principally writing and analytical thinking. The course has three components: an introduction to superior methods of reading, listening, note-taking, examination writing, and library research; a thorough study of English composition, grammar, and usage; and an intensive scrutiny of decision-making and business problem-solving techniques, using the case method of instruction. Emphasis in the course, however, is placed on development of writing ability, as applied in business memoranda, letters, case analyses, and a formal report.

Administration 1115 — Public Relations

3 hours instruction
(3 credits)
Fall and Spring

This course is designed for people with a flair for the communications arts, such as broadcasting, journalism, and participation in public affairs. The course explores public relations as North America's fastest growing industry and will evaluate its relationship to overall communications, i.e., seeking to motivate, to inform, and to involve. This is a good primer course for anyone contemplating the field of public relations as a part- or full-time career.

Administration 1210 — Business Communications

3 hours instruction
(3 credits)
Fall and Spring

This course introduces students to basic communications principles and offers practice in various forms of written and oral business communications. The mechanics and essential content are presented for such business letters as inquiry, complaint, and employment applications, and for such reports as process description, proposal, and analytical. Procedures are also presented for such oral communications as demonstration, speech, and personal dictation. Emphasis in the course is placed upon the clear, economical, and persuasive use of language, and upon logical organization of ideas.

Recommended preparation: Administration 1110.

2. ACCOUNTING AREA**Administration 1120 — Principles of Accounting**

*5 hours instruction
(including lab)
(4 credits)
Fall and Spring

This course includes an introduction to basic accounting principles and practices, such as the preparation of books of account and financial statements, merchandise accounting, internal control procedures, specialized journals and ledgers, cash, accounts receivable, inventories, plant and equipment, payroll accounting, and electronic data processing. Emphasis is placed upon the use of accounting data as a management tool.

Administration 1220 — Financial Accounting

*5 hours instruction
(including lab)
(4 credits)
Fall and Spring

This course is sequential to Administration 1120 and deals with partnership accounting, the organization and operation of corporations, accounting for long-term financing and investments, budgeting, managerial decisions, analysis and interpretation of financial statements, and cost accounting.

Recommended preparation: Administration 1120.

Administration 1224 — Management Accounting

*5 hours instruction
(including lab)
(4 credits)
Fall and Spring

This course is an introduction to the nature, scope, and uses of managerial accounting. Stress is placed on quantitative devices used by managers in selecting and attaining objectives. This course covers accounting principles and practices such as job and process costing, standard costs-variance analysis, break-even analysis, budgeting, and inventory planning and control.

Recommended preparation: Administration 1120.

Administration 1226 — Petroleum Accounting

3 hours instruction
(3 credits)
Spring

This course covers the accounting principles and practices associated with the exploration, development, production, transportation, and sale of oil and gas products.

Recommended preparation: Administration 1120 or its equivalent and Petroleum 1110.

Administration 1227 — Managerial Finance

5 hours instruction
(including lab)
(4 credits)
Spring

This course covers the financial statement requirements for disclosure, with emphasis on the Canadian Institute of Chartered Accountants Handbook and its current revisions. The intention of the course is to cover finance from an operational view which is of interest to all businessmen from a point of view of financial analysis and other topics of current interest. The course will utilize a case analysis approach as much as possible.

Recommended preparation: Administration 1120, 1220 and 1160.

Administration 1228 — Personal Income Tax

3 hours instruction
(3 credits)
Fall or Spring

A study of the Canadian Income Tax Laws affecting individuals. The course will review the rules which apply to: proprietors, partnerships and salaried employees. It will also consider the taxation of capital gains. In addition income tax planning for individuals will be reviewed. Through problem solving and the preparation of personal tax returns the student should gain a basic understanding of the Canadian taxation of individuals.

Recommended preparation: Administration 1120 and 1220 or their equivalents.

Administration 1229 — Corporate Income Tax

3 hours instruction
(3 credits)
Fall or Spring

A study of the Canadian Income Tax Laws affecting corporations. This course will review the computation of income, taxable income and taxes payable for corporations. In addition corporate distributions and income tax planning through the use of corporations will be considered. Problem solving and the preparation of a corporate tax return are the chief methods of instruction.

Recommended preparation: Administration 1120, 1220 and 1228.

3. MANAGEMENT AREA:**Administration 1130 — Principles of Management**

*3 hours instruction
(3 credits)
Fall and Spring

Management is one of the most important areas of human activity, since its task is to establish an environment for effective operation of people working in organized groups. In recognition of this fact this course introduces the student to the five areas of management: planning, organization, staffing, direction and control. Case analysis and group discussion are the chief methods of instruction.

Administration 1131 — Introduction to Business Administration

*3 hours instruction
(3 credits)
Fall and Spring

This course provides a basic introduction to the field of Business Administration. The objective is to give the student a fundamental understanding of the functions of business, such as: management, personnel administration, finance and accounting, marketing, and production. Other fundamental areas surveyed are: labor relations, computers, business and government, business and society. Decision-making techniques are stressed throughout. Lectures, case method of instruction, and research reports are the chief methods of instruction. Independent study methods are emphasized throughout this course. Students cannot obtain credit in both 1131 and 1130.

Administration 1230 — Business Law

*3 hours instruction
(3 credits)
Fall and Spring

An important aspect of this course consists of a short treatise on the law of contracts, assignments, trusts and negotiable instruments. Such business transactions as the sale of goods and the formation of contracts of insurance, guarantee bailment, employment, and agency and basic concepts of tenancy, mortgaging, and the sale of land and buildings, are topics discussed. Also covered are the Law of Torts, insurance and guarantees, principle and agent, negotiable instruments, partnership, corporations and credit transactions.

Administration 1234 — Business and Society

*3 hours instruction
(3 credits)
Fall and Spring

An interdisciplinary study of the basic, social, ethical, and political concepts of business including an in-depth investigation of the role and relationships between business and its environment.

4. MARKETING AREA**Administration 1150 — Marketing Management**

*3 hours instruction
(3 credits)
Fall and Spring

Analytical analysis of marketing management areas. Emphasis is placed on the marketing problem solving and decision making required of a firm's executives. Topics cover marketing concepts, consumer behavior, product planning, promotion, channels of distribution, marketing institutions, pricing, advertising, marketing policies and problems. Lectures, case analysis, research reports, guest lecturers and field trips are the major methods of instruction.

Administration 1151 — Purchasing

3 hours instruction
(3 credits)
Spring

This course recognizes the growing awareness by management of the sizable profit opportunities available through effective purchasing. Topics covered include: the procurement function, determination and description of quality, price and its relationships, inventory management, sources selection and development, value analysis and the buying image. The principles in each of these areas are emphasized by both class discussions and case problems.

Administration 1153 — Retail Merchandising Management

3 hours instruction
(3 credits)
Spring

This course presents analytical study of the subject of retailing. Its aim is to present a comprehensive survey of all aspects of the field, so that the student can absorb a company sales training program with maximum advantage in minimum time.

Administration 1154 — Professional Salesmanship

3 hours instruction
(3 credits)
Fall and Spring

This course is designed to create for the salesman a better understanding of sales, to cultivate his selling ability and to give insight into the psychological and social motivations of the customer. In addition, the course focuses attention on the many communications factors that enter into the selling field.

Administration 1156 — Advertising

3 hours instruction
(3 credits)
Fall and Spring

This course gives the student insight into the various methods of increasing sales through effective advertising. Many important techniques used in creating advertising for the various media are discussed. Specific cases and problems of familiar consumer advertising are presented for class discussion.

Administration 1158 — Transportation

3 hours instruction
(3 credits)
Spring

This course covers a development of major transportation systems and their marketing function in the North American Economy as an integral part of the physical distribution process. Particular emphasis is placed upon Canada's air, land, rail and sea transportation economics.

Administration 1250 — Marketing Analysis and Problem Solving

3 hours instruction
(3 credits)
Spring

This second level course offers a managerial orientation of marketing combined with the newer social and environmental concerns affecting marketing decisions today. Analytical techniques of marketing research, consumer behavior, and market potential analysis are examined in detail. The management of marketing programs — planning, organizing and controlling is followed using in-depth case studies in a Canadian context.

5. QUANTITATIVE AREA**Administration 1160 — Business Mathematics and Statistics**

3 hours instruction
(including lab)
(3 credits)
Fall and Spring

A preparatory course in the fundamental ideas of mathematics and statistics. Course content includes calculations dealing with interest, valuation and annuities. Both the classical and the contemporary methods of statistical analyses are included, such as descriptive statistics, probability, sampling and inference.

Administration 1260 — Systems and Procedures for Management

* 3 hours instruction
(3 credits)
Fall and Spring

This course offers a down to earth investigation of the many problems and decision-making situations which confront the Manager. Models and related quantitative techniques applicable to work scheduling, inventory management, production modelling, project evaluation and profit optimisation are presented with primary emphasis on the most useful in each area.

Recommended preparation: Administration 1160.

Administration 1261 — Applied Statistical Analysis

3 hours instruction
(3 credits)
Spring

Problems from various fields in Administrative Studies will be presented with emphasis upon the development of appropriate managerial research methods. Particular attention will be given to problems of data collection, sampling hypothesis testing, regression and the analysis of results. Computer programs will aid in these investigations.

Recommended preparation: Administration 1160.

Administration 1269 — Administrative Simulation

2 hours instruction
(2 credits)
Fall and Spring

Participants will make numerous decisions and evaluate the effectiveness of their strategies in the following areas: finance, production, marketing, and administration. Such concepts as break-even analysis, forecasting, expected values and systems theory will be utilized in this computer oriented simulation.

Recommended preparation: Completion of first year.

6. PERSONNEL AREA**Administration 1170 — Personnel Administration**

*3 hours instruction
(3 credits)
Fall and Spring

This course enables the student to understand the personnel function of an organization. Placed within the context of the social sciences the course develops the analytical techniques of the field. Case work and current problems are presented to allow the student an opportunity to develop sound analysis rather than untutored "common sense".

Administration 1273 — Labour Relations

3 hours instruction
(3 credits)
Fall or Spring

This course examines: the Industrial Relations system in Canada by reviewing the economic conditions that led to the formation of the trade union movement and comparing those conditions with the economic circumstances of today; Labour Unrest and Industrial Conflict with the view of suggesting means of reducing such conflict; and Part Four of the Alberta Labour Act. This section leads to an examination of methods of settling disputes: Strikes and Lockouts, Compulsory Arbitration, Final Offer Selection. Time will be allotted to put much of the above material into practice by participating in a collective bargaining simulation. Special emphasis will be placed on the application of the topics to Canadian Labour Management Relations.

Recommended preparation: Administration 1170.

Administration 1276 — Supervision and Organizational Behavior

*3 hours instruction
(3 credits)
Fall and Spring

This course covers the development of the supervisor's capacity to recognize and manage the human or behavioral functions influencing the effectiveness with which the organization performs to its objectives. Emphasis will be on group dynamics through role playing. Other topics include employee morale and status, motivation, communication, delegation of authority and its acceptance, and leadership development.

Recommended preparation: Administration 1170.

Administration 1278 — Policies for Human Resources

*3 hours instruction
(3 credits)
Spring

Evaluates the present organizational and conceptual policies for the development of manpower resources. Topics include compensation systems, the use of psychological testing, training or up-grading, transfer and promotion techniques and interviewing.

Recommended preparation: Administration 1170.

ANTHROPOLOGY [ANTH]

ANTH 1110 — Man in Culture

*3 hours instruction
(3 credits)
Fall and Spring

An introduction to the uniformities and diversities of human life styles. Emphasis will be placed on social, religious, economic and political aspects chosen from the world's major cultural areas.

ANTH 1212 — Primate Behavior and Ethology

*3 hours instruction
(3 credits)
Fall

A course providing a detailed survey of the behavioral systems of the order primates, including man. Consideration will be given to the biological bases of behavior — inbuilt genetically fixed patterns of behavior will be discussed, along with concentration on the anatomical and physiological factors affecting behavior patterns.

Recommended preparation: Anthropology 1110 and Psychology 1110.

ANTH 1213 — Human Evolution

*3 hours instruction
(3 credits)
Spring

A study of Fossil man and his primate ancestors. The evolution of man is traced along with the genetic factors and developments that led to the racial differentiation in modern times.

Recommended preparation: Anthropology 1110.

ANTH 1214 — Peoples and Cultures of Aboriginal North America

*3 hours instruction
(3 credits)
Fall

A survey of the cultural areas of aboriginal North America north of Mexico. Emphasis will be placed on pre-contact cultures and will include a comparative and historical study of technology, economics, social organizations, the supernatural and the arts.

Recommended preparation: Anthropology 1110 or Sociology 1110.

AVIATION [AIRF]

AIRF 1110 — Private Pilot's Licence

7 hours instruction
(3 credits)
Fall

This course is designed to give the student a knowledge of the material outlined in the Ministry of Transport's Study and Reference Guide for Private Pilot's Licence in the lectures and sixty hours, dual and solo, in the laboratory.

At the end of the semester all students will have received their Private Pilot's Licence and completed sixty hours flight time.

Pre-requisite: Selection for the program and passing of a medical examination given by the College Medical Officer.

AIRF 1111 — Commercial Pilot's Licence

7 hours instruction
(4 credits)
Spring

This course is designed to give the student a knowledge of the material outlined in the Ministry of Transport's Study and Reference Guide for Commercial Pilot's Licence in the lectures and fifty flight hours, dual and solo, in the laboratory.

At the end of the semester all students will have passed the written examination for the Commercial Pilot's Licence and completed 110 hours of flight time.

Pre-requisite: AIRF 1110 and Geography 1209.

AIRF 1120 — Electronics [S.A.I.T.]

3 hours instruction
(3 credits)
Spring

This course is designed to provide the student with an introduction to the use of electronics in modern aircraft and in the aircraft industry in general. Emphasis is placed on the fundamentals of electronics as applied to Avionics.

AIRF 1202 — Multi-Engine Instrument Rating

5 hours instruction
(3 credits)
Fall

This course is designed to give the student a knowledge of the material outlined in the Ministry of Transport's Study and Reference Guide for Instrument Rating in the lectures and eighty-seven hours, dual and solo, in the laboratory.

At the end of the semester all students will have received their Commercial Pilot's Licence, passed M.O.T. flight test for a multi-engine endorsement, passed the M.O.T. written examination for the Instrument Rating endorsement and completed 187 hours flight time.

Pre-requisite: AIRF 1120 and AIRF 1111.

AIRF 1205 — Advanced Operations and Performance, Navigation and Flight Planning

7 hours instruction
(3 credits)
Spring

This course is designed to give the student an advanced knowledge of the Operations, Performance, Navigation and Flight Planning of long-range, high-performance jet aircraft.

At the end of the semester all students will have received their Instrument Rating endorsement.

Pre-requisite: AIRF 1202 and AIRF 1220.

AIRF 1210 Aircraft Engines and Systems [S.A.I.T.]

3 hours instruction
(3 credits)
Spring

This course is designed to give the student a working knowledge of the jet engine and aircraft hydraulic, pneumatic, electric, pressurization, oxygen, fire and ice protection systems.

Pre-requisite: AIRF 1220.

AIRF 1220 — Avionics [S.A.I.T.]

3 hours instruction
(3 credits)
Fall

This course is designed to provide the student with a basic understanding, from an operational view-point, of the functions and limitations of avionic equipment.

Pre-requisite: AIRF 1120.

BIOLOGY [BIOL]

BIOL 0100 — Preparatory Biology

6 hours instruction
(4 credits)

A course designed to prepare students to write external public examinations in Biology.

BIOL 1110 — Fundamentals of Biology

6 hours instruction
(including lab)
(4 credits)
Fall, Spring & Summer

An introduction to the concepts, principles and implications of life processes through a study of cell ultra structure, cell chemistry, metabolic processes, reproduction, genetics and heredity, and how these relate to contemporary problems. This course is a preparation for all subsequent studies in Biology.

BIOL 1210 — Ecology

*6 hours instruction
(including lab)
(4 credits)
Fall and Spring

A course designed to explain the relationships between living organisms and their biotic and physical environments. Topics discussed include: environments or organisms; population diversity and interaction; community organization; and North American biomes. Problems in conservation, recreation and pollution are also studied. Several overnight trips are conducted.

Recommended preparation: Biology 1110 or equivalent.

BIOL 1211 — Vertebrate Anatomy

*6 hours instruction
(including lab)
(4 credits)
Fall

A comparative study of the structural organization of vertebrate animals. The laboratory will involve detailed dissections and demonstrations.

Recommended preparation: Biology 1110 or equivalent.

BIOL 1212 — Disease and Parasitism

*6 hours instruction
(including lab)
(4 credits)
Fall

This course includes the study of protists, helminths, and arthropods of medical and veterinary importance.

Recommended preparation: Biology 1110, 1214, 1216.

BIOL 1214 — Human Anatomy

*6 hours instruction
(including lab)
(4 credits)
Fall and Spring

A study of tissues, organs and organ systems of vertebrate animals with emphasis on mammalian and human anatomy.

Recommended preparation: Biology 1110 or equivalent.

BIOL 1215 — Evolution and Heredity

*3 hours instruction
(3 credits)
Spring

A course designed to give the student an appreciation of organic evolution by explaining the mechanisms of the evolutionary process in terms of the laws of inheritance, and the interaction of heredity, and environment. This course is oriented toward human populations, their biological histories and their medical and social problems.

Recommended preparation: Biology 1110 or equivalent.

BIOL 1216 — Human Physiology

*6 hours instruction
(including lab)
(4 credits)
Fall and Spring

A course dealing with the functional process in vertebrate cells, tissues, organs and organ systems. Emphasis is placed on mammalian and human physiology.

Recommended preparation: Biology 1110 or equivalent.

BIOL 1218 — Microbiology

*6 hours instruction
(including lab)
(4 credits)
Spring

This course includes the study of protist taxonomy, morphology, physiology, ecology, and the role of microorganisms in nature. The student receives instruction in the operation and manipulation of the scientific equipment used by the microbiologist.

Recommended preparation: Biology 1110 or equivalent.

BIOL 1219 — Limnology

6 hours instruction
(including lab)
(4 credits)
Fall

A study of fresh water flora and fauna and the general ecology of fresh water bodies, including dissolved gases and solids.

Recommended preparation: Biology 1110 or equivalent.

CANADIAN STUDIES [CNST]

CNST 1200 — Canadian Studies Seminar

3 hours instruction
(3 credits)
Fall or Spring

This seminar is intended to coordinate major concepts learned in Canadian studies courses. It is to be an independent study course designed by the instructor in charge and will usually differ for each student involved.

CHEMISTRY [CHEM]

CHEM 1100 — Preparatory Chemistry

6 hours instruction
(including lab)
(2 credits)
Fall and Spring

Chemistry 1100 is the first half of Chemistry 1180. It is designed to assist students with a poor background in chemistry or an overload of courses, to progress at a rate more likely to assure success in mastering the material covered. If successful in this course, the student may enroll in Chemistry 1101 which is the second half of the Chemistry 1180 course, thereby enabling the student to acquire the same knowledge and development provided in Chemistry 1180 in two semesters instead of one. All courses, Chemistry 1100, 1101 and 1180 are individualized instruction, i.e. the student receives his instruction through written materials, tutorials and the laboratory. There is no difference in the written materials provided for Chemistry 1100 and 1101 than for Chemistry 1180.

CHEM 1101 — Introductory Chemistry

6 hours instruction
(including lab)
(2 credits)
Fall and Spring

Chemistry 1101 is the second half of Chemistry 1100. Credit in Chemistry 1100 + Chemistry 1101 is equivalent to credit in Chemistry 1180. The student who follows the Chemistry 1100 + Chemistry 1101 route uses exactly the same instructional materials as the student who follows the Chemistry 1180 route. The difference is only in the time spent in the courses; 2 semesters for those who follow the Chemistry 1100 + Chemistry 1101 route and one semester for those who follow the Chemistry 1180 route.

Recommended preparation: Chemistry 1100.

CHEM 1180 — Introductory Chemistry

6 hours instruction
(including lab)
(4 credits)
Fall, Spring & Summer

Individualized instruction methods are employed in Chemistry 1180 to assist students who have not completed high school chemistry. They will acquire the ability to cope with first year university chemistry courses. Instruction will be given through written materials, tutorials and the laboratory. At the end of the fifth week of the course the student may transfer to Chemistry 1100 if he finds that he is unable to learn at the rate required in Chemistry 1180. Students enrolled in the Environmental Quality Control Program will be in a separate section of this course where they will receive emphasis in laboratory techniques.

CHEM 1210 — Principles of Chemistry I

*6 hours instruction
(including lab)
(4 credits)
Fall and Spring

This course considers: atomic structure and chemical periodicity, nuclear chemistry, chemical bonding, relationship between structure and physical properties of covalent compounds, thermochemistry, states of matter and phase changes, solutions and colligative properties.

Recommended preparation: CHEM 1180 or its equivalent, MATH 30 and MATH 31.

CHEM 1211 — Principles of Chemistry II

*6 hours instruction
(including lab)
(4 credits)
Fall, Spring, & Summer

This is a continuation of Chemistry 1210. This course considers: chemical equilibria in aqueous solutions, elementary thermodynamics and chemical equilibria, chemical kinetics, electrochemistry and oxidation reduction reactions.

Recommended preparation: CHEM 1210.

CHEM 1212 — Organic Chemistry

*6 hours instruction
(including lab)
(4 credits)
Spring

This is an introductory course in the study of the properties of organic compounds and of the principles that can explain these properties.

Recommended preparation: Chemistry 1180 or Chemistry 30 or the equivalent.

CHEM 1213 — Quantitative Chemical Analysis

*6 hours instruction
(including lab)
(4 credits)
Spring

An introduction to the classical methods of analytical chemistry, including gravimetric, volumetric and colorimetric analysis.

Recommended preparation: CHEM 1180.

COMMUNICATIONS [COMM]

COMM 1110 — Introduction to Broadcasting

6 hours instruction
(5 credits)
Fall

This course is an introduction to radio with concentration on theory; operating; announcing; news and sports; and writing and program production. Practical experience is gained through the operation of the in-house radio station.

COMM 1120 — Introduction to Journalism

4 hours instruction
(3 credits)
Fall

This course is designed to teach students the basics of news writing. Students are made familiar with accepted news values, the inverted pyramid style of news stories, the methods of getting news and the use of a style guide. This course places a heavy emphasis on practical news assignments. All student assignments are written with the primary purpose of submitting them for use in the weekly journalism newspaper. The journalism classroom takes the form of a working newsroom. Students are assigned regular working shifts in the newsroom during which time they will carry out their news writing assignments. Acceptable student work is published in the weekly newspaper.

COMM 1130 — Public Relations Broadcasting

3 hours instruction
(3 credits)
Fall

This course is designed to provide the student with the skills to write and produce commercials and public service announcements for radio. Students learn how to interview for radio, and how to present a client on the medium.

COMM 1141 — Introduction to Photo Journalism

4 hours instruction
(3 credits)
Fall and Spring

This course is designed to introduce the beginner to the field of Photo Journalism. The course covers basic camera handling as well as magazine and newspaper layouts. It deals primarily with black and white photography. Students enrolled in this course will be required to submit photos for use in JOURNAL 3009 and will be expected to carry out photo assignments as requested by the newspaper. Students must have their own cameras, preferably not instamatic. \$15.00 lab fee to cover costs of paper and chemicals is required.

COMM 1144 — Introduction to Photography

4 hours instruction
(3 credits)
Fall - Evening

This course is designed for the student who would like to develop his technical and aesthetic photographic skills in order to produce the best results. The student participates in actual shooting sessions and darkroom exercises. The course covers black and white photography only. Students must have their own cameras, preferably not of the instamatic type. Lab fee: \$15.00.

COMM 1161 — Introduction to Public Relations

3 hours instruction
(3 credits)
Fall

This course is an introduction to the public relations profession and to the processes of public relations in the communications media. The first part of the course deals with the historical development of public relations up to the present time. The four steps in public relations are explained in detail. These include: research, planning, implementation and evaluation. An overall description of the role of the public relations employee is provided as well as examples of the various duties that they are expected to perform. Brief reference is made to the parts played in public relations by communication, attitudes, public opinion and persuasion. A major portion of the course involves developing a public relations program for some on-campus student organization.

COMM 1170 — Early Journalism History

1 hour instruction
(1 credit)
Fall

This course summarizes the development of printing and publishing from the beginnings of recorded time to 1770. The evolution of early newspapers is outlined. Related developments in Asia, Europe and the Western Hemisphere are covered.

COMM 1171 — Beginnings of Modern Journalism

1 hour instruction
(1 credit)
Spring

This course deals with the development of newspapers in England, the United States and Canada during the period from 1770 to 1890. Mechanical changes are reviewed as well as changes in the image and role of the newspaper.

COMM 1172 — Modern Journalism

1 hour instruction
(1 credit)
Fall

This course deals with the developments in the news media from the days of Yellow Journalism up to the present time. Major emphasis is on Canada and the United States. The impact of radio and television on the printed media is covered. A special part of the course deals with media expansion in the developing nations.

COMM 1200 — Radio Operations

6 hours instruction
(5 credits)
Spring

This course deals with the practice of broadcasting through the operation of CMRC Radio. Students are encouraged to pursue the area of broadcasting for which he or she has special interest and ability.

Recommended preparation: Communications 1110.

COMM 1210 — Introduction to Television

6 hours instruction
(6 credits)
Fall

This course deals with the theoretical and practical experience in the major television areas; script and commercial writing and operation of television equipment.

Recommended preparation: Communications 1200.

COMM 1211 — Television Production

6 hours instruction
(6 credits)
Spring

In this course theory is put into practice through studio programming, announcing, news and sports reporting and remote broadcasts. The student is encouraged to work in those areas for which he or she has special interest and ability.

COMM 1212 — General Reporting

3 hours instruction
(3 credits)
Spring

This course is designed to develop further the student's ability to write news stories. The student continues to work in a classroom-newsroom situation. Students carry out general newspaper duties such as covering actual news events; interviewing local and visiting personalities; developing local angles on national stories; and reporting on meetings, panel discussions and press conferences. Student work is published in the weekly journalism newspaper.

Recommended preparation: Communications 1120.

COMM 1220 — Editing

7 hours instruction
(3 credits)
Fall

This course is designed to provide the student with skills and background needed to edit and produce a newspaper. Students learn how to handle copy, write headlines, make up pages, use pictures, select type sizes as well as colour, and prepare visuals. The work takes place in a classroom-newsroom setting with students being responsible for the publications of a weekly journalism newspaper. Students rotate through such various editorial posts as managing editor, city editor, campus editor, sports editor features editor and entertainment editor. In their respective roles they are responsible for assignment of news stories, editing of the stories and make up of the pages.

Recommended preparation: Communications 1212.

COMM 1221 — Senior Editing

6 hours instruction
(3 credits)
Spring

This course is a continuation of Communications 1220. Students further develop and use the skills necessary to edit and produce the journalism weekly newspaper. All work takes place in the newsroom-classroom and is directly related to the publication of the newspaper. In this course students also have an opportunity to attempt innovations in newspaper design and to experiment in different methods of news presentation.

Recommended preparation: Communications 1220.

COMM 1222 — Reporting Public Affairs

3 hours instruction
(3 credits)
Fall

This course is designed to permit the student to develop the reporting skills learned in introductory journalism courses. Special emphasis is placed on reporting public affairs at civic, provincial and federal levels. Term work includes special investigative reports in connection with community affairs for the departmental newspaper.

Recommended preparation: Communications 1120 and 1212.

COMM 1225 — Senior Public Affairs Reporting

3 hours instruction
(3 credits)
Spring

This course is a continuation of Communications 1222. Students further develop and practice their reporting skills by preparing in-depth articles on various phases of public affairs. Emphasis in this course is placed on reporting issues rather than on reporting single events.

Recommended preparation: Communications 1222.

**COMM 1230 — Public Relations Broadcasting:
Television**

3 hours instruction
(3 credits)
Fall

In this course the student acquires a more thorough understanding of the electronic media. He is given experience in the techniques of interviewing for television both in the studio and on location. The student is required to plan, write and produce a short information program for television from copy provided by a potential client. Television productions are evaluated by the students, staff and client.

Recommended preparation: Communications 1130.

COMM 1243 — Advanced Photo Journalism

4 hours instruction
(3 credits)
Spring

This course is designed for students who have completed Communications 1141. Students are given the opportunity to broaden their photo journalistic skills by means of actual news and magazine assignments with the stress on photographic composition. Students enrolled in this course will be required to submit photos for use in Journal 3009 and will be expected to carry out photo assignments as requested by the newspaper. \$15.00 lab fee. Students must have their own camera, preferably not instamatic.

Recommended preparation: Photo Journalism 1141.

COMM 1245 — Advanced Photography

4 hours instruction
(3 credits)
Spring - Evening

This course covers advanced methods of black and white photography as well as color photography from a creative point of view. Shooting sessions, as well as print critique and artistic interpretations form the core of this course. \$15.00 lab fee. Students must have their own camera, preferably not instamatic.

Recommended preparation: Communications 1144.

COMM 1250 — Graphics for Public Relations

4 hours instruction
(3 credits)
Spring

This course is designed to familiarize the student with techniques used to achieve maximum effectiveness in display materials. The course is divided into two distinct parts — television and print media. In the television portion students learn the most effective ways of reinforcing the spoken word by use of images, slides, film and other display features. In the print portion, students are taught how to display printed materials with maximum effectiveness. They deal with such matters as institutional advertising, publication design, and display design. The course provides the student with opportunities to develop display materials and to experiment in their usage. Formal lectures are kept to a minimum in order to provide actual work experience.

Recommended preparation: Communications 1161.

COMM 1260 — Public Relations Analysis

3 hours instruction
(3 credits)
Fall

This course is an in-depth analysis of the techniques and methods of public relations. It also deals extensively with the roles played by such factors as communication, attitudes, beliefs, values, public opinion, and persuasion. Each of these areas is discussed at length and related to the part it plays in the public relations process. As part of the course, students formulate and administer questionnaires. They also undertake two original and detailed case analyses of public relations programs that have been used in the business world.

Recommended preparation: Communications 1250.

COMM 1261 — Public Relations Methods

3 hours instruction
(3 credits)
Spring

This course is designed to acquaint the student with the detailed practical applications of public relations techniques. Students undertake projects to develop comprehensive public relations programs for various Calgary organizations or firms. As part of the project, students prepare a detailed presentation of their research, plans and evaluations. Included in this are examples of suggested ways of implementing attitude-changing devices. The projects include the selection of a public relations program subject, a definition of central problems, fact-finding, administration of questionnaires, a statement of desirable objectives and a detailed outline of means of achieving the objectives.

Recommended preparation: Communications 1260.

COMM 1273 — Problems of the Mass Media

1 hour instruction
(1 credit)
Spring

This course deals with some of the problems that confront journalists as they pursue their careers. Topics covered include: the theories of the press, the laws of the press, the underground press, changes in communication patterns, the right of access, professionalism, press councils, censorship, and any other topics that students may be interested in pursuing.

COMMUNITY AND REGIONAL PLANNING

[PLAN]

PLAN 0100 — City and Regional Planning

2 hours instruction
(2 credits)
Evening only
Fall and Spring

This course is designed to introduce interested persons to the role of planning in the community (city and region). It includes discussion on such topics as urban renewal, rapid-transportation, the metropolitan region, zoning bylaws and the problems of rezoning and other relevant topics. The course is based upon a series of seminars conducted, where possible, by planners from both the public and private spheres, and includes views offered by specialists from related fields.

PLAN 1110 — Field methods and Mapping

4 hours instruction
(including lab)
(3 credits)
Fall and/or Spring

This is an exploratory course aimed at determining and confirming the student's powers of field observation. He will be exposed to basic recording methods used in field work; mapping principles, data collection, data tabulation and data processing (mechanical) will all be introduced. The student who proposes to continue toward his diploma in Community and Regional Planning should pass this course with a superior grade.

PLAN 1114 — Basic Planning Graphics

5 hours instruction
(including lab)
(3 credits)
Fall and/or Spring

The command of the basic drafting media, pencil and ink, is developed together with the use of appropriate auxiliary instruments. Lettering type sizes, faces and styles are explored and the use of mechanical lettering instruments and techniques is practiced. Drafting formats are introduced and followed by a study of layout and design principles as they apply to planning presentations. The value of grey scales is demonstrated and the subtleties of colours and their psychological effects are explored.

PLAN 1115 — Advanced Planning Graphics

5 hours instruction
(including lab)
(3 credits)
Spring

Dry transfer lettering systems are studied, with lettering, symbols, line tapes and pre-printed shading and tone films being used in studio work. Report formats and lay-outs are examined and reproduction media and their limitations are introduced. The use of photography in illustrating reports is explored together with photographic reduction and reproduction. The preparation of visual presentation aids such as slides and overhead projection transparencies is studied and practiced. Using problems and data from other program courses, students prepare a planning report in which techniques and media introduced in the course are applied.

Recommended preparation: Planning 1114.

PLAN 1203 — Administrative and Planning Law

3 hours instruction
(3 credits)
Fall

Examines the delegation of legislative, judicial, and administrative power to individuals and tribunals and considers the legislative and judicial controls exerted on the exercise of power by administrators. In-depth study is made of the methods used in bringing tribunals' decisions before the courts and the grounds upon which such decisions may be set aside. Legislation regarding administrative procedures is studied in detail. The general principles of administrative law are then applied to land use planning in this province.

The planning functions of the main statutory agencies are identified in order to develop an understanding of the legal constraints under which they must operate and the consequences resulting if these legal constraints are not adhered to.

PLAN 1230 — Cartography

*5 hours instruction
(including lab)
(3 credits)
Fall and Spring

Raw data is organized for presentation in simple table, graph and symbol form. Pictorial, areal, volumetric and divided proportional symbols are used to represent planning data. Line maps are used to depict routed flows such as traffic volumes and non-routed flows such as exchanges of goods and services. Thematic mapping includes dot distributions, choropleths, isolines, and areal and proportional symbols. Projects are required to be reproducible within planning report formats.

PLAN 1231 — Air Photo Interpretation

*4 hours instruction
(including lab)
(3 credits)
Fall and Spring

Instruction covers the types of images available, from black and white and color photographs to infrared, radar and satellite images, and their use in urban and resource planning. Quantitative aspects of photo-grammetry such as the determination of photo scale, measurement of distances, areas and heights are taught and practiced throughout.

Air photo mosaics are produced and the use of photography for mapping purposes is explored. Exercises in interpretation develop knowledge of the meaning of photo details and patterns, and enable students to identify objects from their shape, size, tone and the association of features surrounding them. Interpretation is practiced on both the urban and the regional scale.

This course is the same as Geography 1231.

PLAN 1232 — Advanced Research Methods

4 hours instruction
(including lab)
(3 credits)
Spring and/or Fall

The course integrates knowledge gained in planning program courses taken previously and demonstrates the importance of subjects such as field methods and research, statistics, air photo interpretation and computer programming in the problem solving process. Students are introduced to some of the types of problems being solved in planning offices in both the private and public sector and are exposed to techniques used and difficulties encountered in problem formulation, data collection and analysis, interpretation and communication of research findings.

Data processing and analysis using computer facilities is practised using planning research problems. Previous experience in statistics and computer operation is desirable.

PLAN 1240 — Urban Geography

3 hours instruction
(3 credits)
Spring and Fall

An introduction to theories about form and dispersion of urban settlements in Canada with emphasis on practical application in the urban and regional planning context. This course provides an over-view of Canadian urbanization in historical and worldwide perspective; definition of urban areas in law, census, and geography; the functions of cities and their influence on their hinterland and on each other; the emerging network of cities in Canada and the regional concept and regions of Canada. The factors affecting the form of urban areas, including geological impediments, topography, climate, history, zoning and development control legislation, and municipal policies will be reviewed. The interdependence of land use and transportation problems will be examined.

This course is the same as Geography 1240.

PLAN 1241 — Urban and Regional Planning

3 hours instruction
(3 credits)
Spring and Fall

Examines the development of contemporary planning concepts and principles with emphasis on their effects on current urban form. A historical review reflects on the relationship between societies' social order, their mode of planning and city forms, leading to an examination of the planning process in a democratic society, the institutions and decision-makers involved and currently employed models. Planning is reviewed in the Alberta provincial, regional and municipal level. The course also examines some of the constraints that the requirements of physical service systems introduce upon planning and implementation.

This course is the same as GEOG 1241.

PLAN 1242 — Urban Problems

3 hours instruction
(3 credits)
Spring and/or Fall

Emphasis is on the interaction between physical form and social behavior and on the limitations that deficiencies in the physical setting may impose on the opportunity structure of urban dwellers. Examined are the effects of climates and micro-climates on behavior, the effects of different housing types on the activities of their occupants, the relationship between physical planning and public and private safety and the social problems resulting from the deterioration of the urban environment.

This course is the same as GEOG 1242.

COMPUTING SCIENCE [COMP]

COMP 1180 — Concepts and Operational

*3 hours instruction
(3 credits)
Fall and Spring

A thorough introduction to computers — what a computer is and how it works. The major topics covered are: introduction to computers, historical development, data processing, data representation, number systems, Boolean functions and its applications to switching circuits and networks, keypunch operation and program drum cards, processing equipment, flowcharts and documentation.

COMP 1181 — Computer Programming — Fortran

3 hours instruction
(3 credits)
Fall and Spring

This is a basic technical oriented programming language course. It is designed to acquaint the student with the principles of Fortran and the related system conventions. The main topics of the course are: review of basic computer programming, Fortran structure and rules, arithmetic, control, input/output function and specification statements, arrays and subscript variables, applications.

COMP 1183 — Computer Programming — Cobol

*3 hours instruction
(3 credits)
Fall and Spring

A business oriented programming language course. Some of the topics covered are: review of programming languages and systems, files — construction and maintenance, COBOL structure and data organization, practice applications.

**COMP 1185 — Computer Programming —
Computer Graphics**

3 hours instruction
(3 credits)
Fall

The course covers the subject of graphical input and output devices as related to their use and application. The student not only becomes familiar with the program routines used in plotting but is taught to write programs to be run on plotting facilities. Previous knowledge of Fortran programming language is a decided asset.

**COMP 1186 — Systems Organization and Terminal Usage
[Interactive Computing]**

3 hours instruction
(3 credits)
Fall and Spring

Considerations of total system requirements for time-sharing, real-time processing, terminal selection and communication lines. Interactive terminal usage (through BASIC or similar languages); applications for creating, editing, and storing of information files. Use of statistical, scientific, business and other applications packages.

COMP 1281 — Systems 1

*3 hours instruction
(3 credits)
Spring

This course is a basic introduction to systems and design with the emphasis on software design. Some of the areas to be covered are: evolution of business systems, systems functions and concepts, initiating a survey, investigating the present system, and flow-charting and recording of facts. The main topics of the course are: systems analysis and problem definition, objectives and requirements of a new system, systems design, systems evaluations, documentation and approval of a new system, final system review, system implementation, maintenance and development of the system, and post-installation review.

Recommended preparation or co-requisite: Computing Science 1180 and a programming language, preferably Fortran.

COMP 1282 — Systems 2

*3 hours instruction
(3 credits)
Fall

A discussion of the hardware and software required in a computer system. Definition of total system requirements for batch processing, time-sharing, real-time processing and other applications; hardware-software tradeoffs and the impact of large-scale integration. Relocation schemes, multi-programming, multi-processing, dynamic memory allocation, special purpose computer systems and simulation of computer systems.

Recommended preparation: Computing Science 1281.

COMP 1283 — Numerical Methods

*3 hours instruction
(3 credits)
Spring

Topics included are: interpolation, operations with finite differences, numerical solution of equations, least squares curve fitting, numerical integration, numerical solution of equations, curve fitting, matrix operations and numerical solution of ordinary differential equations, concept of numerical errors.

Recommended preparation: Computing Science 1181 or 1286 and a knowledge of Calculus.

COMP 1284 — Computer Programming — PL/1

*3 hours instruction
(3 credits)
Spring

This course presents this new procedure-oriented language which has become a powerful compiler language for both business and technical applications since the introduction of the System 360.

This course will provide the student with an in-depth knowledge of this programming language covering such topics as structure and rules, statements, variables, attributes, arrays, input/output functions and procedures.

**COMP 1285 — Non-Numeric Applications
in Computer Science**

*3 hours instruction
(3 credits)
Fall and Spring

Topics included are: Concept of a list and elementary list processing techniques, sorting and searching algorithms, symbol manipulation, pattern recognition, network programming, path problems, computer generation of non-numeric solutions to problems.

Recommended preparation: Computing Science 1181.

**COMP 1286 — Computer Programming Assembler
[Formerly 1184]**

*3 hours instruction
(3 credits)
Spring

This course will include the following topics: actual hardware configurations, types of instruction, how instructions are executed, debugging, documentation and optimization of program at the system level and the program level.

Recommended preparation: Computing Science 1180 and 1181.

CRIMINAL JUSTICE CAREERS

[CJUS]

**CJUS 1110 — Introduction to the Criminal Justice System
[formerly PLAW 1110, SLWK 1114, and SLWK 1120]**

3 hours instruction
(3 credits)
Fall and/or Spring

Using a variety of approaches which include: lectures, films, resource speeches and tutorials, and independent student research, this course examines the background of law, basic freedoms and responsibilities under the law; an overview of the roles, responsibilities and the services provided by police, courts, corrections and after-care agencies who administer the Criminal Justice system. This is a core course for both Police Science and Corrections majors.

**CJUS 1111 — Human Relations Phase I
[Formerly PLAW 1111 and SLWK 1110 — Emotional Growth]**

3 hours instruction
(3 credits)
Fall and/or Spring

This is an introductory course in the development of relationships and emotional learning. Group learning techniques are used in a class setting to enable the student to explore the dynamics of emotional learning and security. Course material will be introduced particularly relevant to persons considering a career in the criminal justice system, and an overview of police responsibility in the area of crisis intervention is provided. This course is the same as Social Work 1110 with certain additions.

CJUS 1112 — Fitness and Self Defence
[formerly PLAW 1112]

4 hours instruction
(2 credits)
Fall and Spring

This program is designed to encourage the student to develop and maintain a high level of physical fitness. In addition to a variety of physical training methods, the course will provide instruction in self defence which can be a critical skill for a practitioner to be effective in a Criminal Justice Career.

CJUS 1113 — Dynamics of Supervision
[formerly PLAW 1113 and SLWK 1121]

3 hours instruction
(3 credits)
Fall and/or Spring

Using the case study method and seminars this course examines organizational theory and dynamics, techniques of supervision, essentials of communication, problem identification and decision making, motivation, management of conflict, principles of discipline in a department or institutional setting. Students will lead seminars on various topics related to the course.

CJUS 1115 — Criminalistics
[formerly PLAW 1115]

5 hours instruction
(3 credits)
Fall and/or Spring

A program designed to acquaint the prospective policeman with a wide variety of enforcement, detection and preventative devices and methods being employed and developed. Films, demonstrations and discussion groups will be utilized and, where feasible, specialists in the numerous forensic fields will be called upon.

**CJUS 1116 — Defensive Driving/Traffic Accidents
and the Law [formerly PLAW 1116]**

3 hours instruction
(3 credits)
Fall and/or Spring

This course is designed to improve driving habits of potential police personnel and other interested parties. The student will be exposed to laws governing motor vehicles at the municipal, provincial and federal levels and the basics of traffic accident investigation, and includes three hours of "in car" instruction and evaluation. A valid operator's license is required.

CJUS 1117 — Security Administration
[formerly ISEC 1110 & ISEC 1117]

3 hours instruction
(3 credits)
Fall or Spring

A study of the historical, philosophical and legal basis of security; police and security roles; deterrents and protective methods; formation of guard and security forces; budgets; training, formal and on-job; deployment of manpower; labour unrest; strikes; demonstrations; civil disturbances and riots. When feasible, the case study approved by administration will be utilized.

CJUS 1120 — Effective Communication
[formerly PLAW 1120]

3 hours instruction
(3 credits)
Fall and/or Spring

This course is designed to provide and enhance skills in the elements of effective reporting with emphasis on style and composition. Tutorial and individualized instruction will be used. Resumes, job applications, job interviews and other major types of interviews will be examined and listening skills developed.

CJUS 1170 — Correctional Officers Field Work
[formerly SLWK 1183]

8 hours instruction
(2 credits)
Spring

The student spends one day each week for 15 weeks working in a custodial institution providing care for adults or children. This provides the opportunity for observation and examination, in some depth, of the operation of the field work setting. This course is open only to students who are taking a certificate program in Criminal Justice-Correctional Officers.

CJUS 1180 — Field Work
[formerly PLAW 1180 & SLWK 1184]

2 hours field work
(2 credits)
Fall and Spring

This course takes the student from the classroom setting to the criminal justice agencies for a practical insight into their operations. Visits include: police agencies, court rooms, correctional institutions, treatment centers and rehabilitative agencies. In this course students will have the opportunity as an observer to view police operations on site; and to obtain training in first aid through St. Johns Ambulance Association.

CJUS 1201 — Management
[formerly PLAW 1201]

3 hours instruction
(3 credits)
Fall or Spring

Building on the base of organizational theory discussed in Criminal Justice 1113, this course contains an in-depth study of human motivation theory, organizational behavior, industrial psychology as related to the police function, manpower development, labour relations, records and statistics, and personnel evaluation. The concept of Management by Objectives is considered together with Planning, Programming and Budgeting. Substantial use is made of tutorials with students encouraged to examine material related to their individual interests.

CJUS 1202 — Public Law
[formerly PLAW 1202]

3 hours instruction
(3 credits)
Fall and/or Spring

The course involves a detailed examination of laws and statutes and the application of law at the federal, provincial and local levels. The legislative processes of law-making and the psychology and the philosophy of law are considered. Seminars permit the student to devote a portion of his total effort to material of particular relevance to his own interests. Resource practitioners are able to provide a perspective which will be of value to both the serving law enforcement officer, those seeking a career in the criminal justice system, and persons merely interested in gaining an insight into the application of Canadian law.

CJUS 1203 — Instructional Techniques
[formerly PLAW 1211]

3 hours instruction
(3 credits)
Spring or Fall

The basic principles of learning are discussed together with the techniques of lesson planning, use of visual and verbal aids, operating instructional hardware, projection equipment, video equipment, etc. The emphasis will be to construct a sound base for instruction and extensive student practice. Various training methods will be discussed including role-playing, in-basket, incident process, etc. Instructional objectives and preparation of tests will be considered.

CJUS 1204 — Custodial Institutions
[formerly SLWK 1121]

3 hours instruction
(3 credits)
Spring

This is an introductory course in the operation of the variety of correctional institutions in Canada. The legal and administrative basis and the treatment and training offered by various types of custodial requirements will be considered with respect to the role of the correctional officer.

CJUS 1205 — Police-Community Relations
[formerly PLAW 1205]

3 hours instruction
(3 credits)
Fall and/or Spring

This consists of individual and group study of relationships between law enforcement agencies and the public. Exploration of areas of cooperation and conflict are examined and analysis undertaken of the effectiveness of contemporary programs.

CJUS 1206 — Diagnosis and Treatment
[formerly SLWK 1206]

3 hours instruction
(3 credits)
Fall

This is an advanced course designed to provide the student with an integrated and scientific method of case management. A system of diagnostic and treatment procedures will be used by the student in an essentially self-instructional setting. There will be some lectures and group discussions with the instructor acting primarily as a consultant.

CJUS 1207 — Interviewing and Counselling
[formerly SLWK 1207]

3 hours instruction
(3 credits)
Spring or Fall

This course covers basic and advanced interviewing and counselling techniques with a special emphasis on applications to the criminal justice system. The methodology will include role-playing and student skills in the area.

CJUS 1208 — Young Persons in Conflict With the Law
[formerly SLWK 1208]

3 hours instruction
(3 credits)
Fall

This course involves the continuing study of the dynamics of behavior of a person in varying stages of life involved in anti-social acts, with an examination of the legislation which affects the individual in terms of legal and social alternatives for protective measures for the community and the youth as a member of it, as well as the consideration of community resources.

CJUS 1209 — Community Corrections
[formerly SLWK 1114]

3 hours instruction
(3 credits)
Spring

This is an advanced course designed to assist the student to integrate academic studies with field work practicum. The course will consist of a series of exercises and small group seminars. The content will include a problem solving approach to specific methods of providing preventative, curative and restorative services through community based agencies.

CJUS 1210 — Criminal Justice Alternatives

3 hours instruction
(3 credits)
Spring

This is a comparative study of alternatives available within the Criminal Justice System for the treatment and training of offenders. Context will include an evaluative overview of custodial and community based methods of social control.

**CJUS 1211 — Human Relations Phase II —
Normal Adjustment Problems [Formerly SLWK 1211]**

3 hours instruction
(3 credits)
Spring and Fall

This is a continuation of Human Relations Phase I. Here the basic concepts of Emotional Growth are used to enhance appropriate and inappropriate responses to normal problems of interpersonal relationships. Recommended preparation: Human Relations Phase I. No textbook is required in this small group learning format.

**CJUS 1212 — Investigational Procedures
[formerly PLAW 1208]**

3 hours instruction
(3 credits)
Fall and Spring

This course will provide the student with essential familiarization of crime scene recognition and the application of investigational techniques.

**CJUS 1213 — Security Systems
[formerly ISEC 1205]**

3 hours instruction
(3 credits)
Fall or Spring

A study of systems and procedures to protect the organization from internal and external losses; electronic alarm and monitoring systems will be examined on site with surveys by students; protecting premises from burglaries; bomb threats; dishonest employees; management responsibility for loss prevention; procedural controls. Emphasis will be placed on the practical application of safeguards.

**CJUS 1214 — Physical Security
[formerly ISEC 1204]**

3 hours instruction
(3 credits)
Fall or Spring

This course will examine locks and key control, lock installation, and setting up master key systems with practical exercises. Students will conduct a comprehensive survey of all installation and will evaluate the security system.

**CJUS 1215 — Tutorial on the Criminal
[Formerly PLAW 1215]**

3 hours instruction
(3 credits)
Fall and/or Spring

Through the seminar approach, this course examines a number of important areas in the Criminal Justice System, such as planning, change and innovative steps being taken.

Recommended preparation: Previous Criminal Justice courses or the permission of the instructor.

**CJUS 1220 — Human Relations Phase III —
Emotional Stress [Formerly SLWK 1212]**

3 hours instruction
(3 credits)
Fall

This basic concepts of emotional growth are expanded to include a more complex examination of inadequate responses to emotional stress. Case studies will include examples of potential limiting deviant life styles leading to legal, moral and social conflicts.

Recommended preparation: Human Relations Phase I and II. This course is taught in a small group learning format and no text is required.

**CJUS 1221 — Human Relations Phase IV —
The Abnormal Offender [Formerly SLWK 1213]**

3 hours instruction
(3 credits)
Spring

Recommended preparation is Human Relations Phase I, II, and III.

This course is taught in a small group setting and the required text is — "An Outline of Psychiatry, Fifth Edition, by Clarence J. Rowe, M.D., Wm. C. Brown, Co-Publisher.

In this course basic concepts of interpersonal relationships between person and person, and person and society are used to examine the causes, results and treatment of neurosis, psychosis and psychopathy with particular emphasis on the special problem offenders.

CJUS 1225 — Correctional Field Work

32 hours per week
(8 credits)
Spring

This course is open only to students who are taking an Associate Diploma program in Criminal Justice, Correctional Careers and have completed their first year in the program.

The student will spend four days a week, during the semester, in an agency providing correctional services within the Criminal Justice system. While at the agency students will be under the supervision of a senior member of the agency and will also be responsible to a College field work instructor.

DIRECTED READINGS

1 to 6 credits

In order to establish a more flexible approach by which students may pursue and receive credit in areas of study which are of particular interest to them, a category of courses entitled "Directed Readings" in (a particular subject area) has been established. Students may also use this method to complete recommended preparation for particular areas.

The credit value may vary between 1 and 6 credits. The actual value will be determined by the advisor, the instructor and the Chairman of the department concerned.

The objectives agreed upon will be filed in the Registrar's Office and will be made available to any institution requesting them for evaluation purposes.

DRAMA [DRMA]

DRMA 1106 — Drama Production I

(1 credit)

Drama Production is intended to provide theatre experience for those students who wish to become actively involved in theatre production and are not at present enrolled in drama courses which require this participation. Entrance to this course is on an audition basis, contact the Drama Department.

DRMA 1107 — Drama Production II

(1 credit)

A continuation of Drama 1106.

DRMA 1108 — Drama Production III

(1 credit)

A continuation of Drama 1107.

DRMA 1109 — Drama Production IV

(1 credit)

A continuation of Drama 1108.

DRMA 1110 — Introduction to Theatre

*3 hours instruction
(3 credits)
Fall and Spring

This course provides students with an introduction to the nature of theatre. Speech, a creative dramatics approach to improvisation, acting and set construction are emphasized.

DRMA 1111 — Speech for the Stage

3 hours instruction
(3 credits)
Fall or Spring

Drama 1111 is designed to develop the individual student's vocal potential. Emphasis is placed on respiration, phonation, resonance and articulation, with an end to encouraging full vocal expressiveness. The course is open to anyone wishing to improve his speaking voice. This course is identical to Speech 1111.

DRMA 1112 — Introduction to Acting

*6 hours instruction
(3 credits)
Fall or Spring

Drama 1112 includes a basic introduction to speech, improvisation, movement and a creative dramatics approach through theatre games for the beginning actor. Dramatic works from Ibsen to our contemporaries are discussed.

DRMA 1114 — Introduction to Creative Movement for Actors

3 hours instruction
(3 credits)
Fall or Spring

This course provides training in movement techniques designed to develop flexibility, control, rhythm and expressiveness.

**DRMA 1115 — Creative Drama and Movement for Adults
Dealing with Children**

3 hours instruction
(3 credits)
Fall or Spring

This course deals with directed play, emotional control, and ability to co-operate with children through improvisation, theatre games and movement. The imagination is developed and the student gains experience in developing expressive speech.

DRMA 1120 — Stagecraft

*5 hours instruction
(including lab)
(3 credits)
Fall or Spring

Drama 1120 provides a basic understanding of the theory of set construction and painting. Lab work provides the student with an opportunity to explore some of the actual problems encountered in set construction. Each student is required to be on the running-crew of at least one departmental production.

DRMA 1121 — Speech for the Stage

3 hours instruction
(3 credits)
Spring

This course is designed to give the student the opportunity to take part in, direct, and write critiques of such presentations as reader's theatre, radio, television and stage scripts. Emphasis is placed on interpretation; a high standard of performance is expected.

Recommended preparation: Drama 1111.

DRMA 1213 — Fundamentals of Characterization

*6 hours instruction
(3 credits)
Fall or Spring

Drama 1213 is a continuation of Drama 1112 with a view to various approaches in building a character. Contemporary plays are discussed with classroom exercises chosen from these scripts. Emphasis includes character analysis, character portrayal and performance techniques.

Recommended preparation: Drama 1112.

DRMA 1215 — Creative Movement

3 hours instruction
(3 credits)
Fall or Spring

This course is a continuation of Drama 1114. Emphasis is given to expression inspired by various media such as music, sculpture and poetry.

Recommended preparation: Drama 1114.

DRMA 1216 — Early Theatre

*3 hours instruction
(3 credits)
Fall

Drama 1216 includes an historical survey of the theatre from ancient time to the Renaissance. Plays are discussed in relation to their authors; methods of staging; and value as literary works, as viewed by their contemporaries and our own.

Recommended preparation: English 1110 or English 1111.

DRMA 1217 — Modern Theatre

*3 hours instruction
(3 credits)
Spring

Drama 1217 is an historical survey of the theatre from the Baroque period to the modern age. Plays are discussed in relation to their authors' methods of staging, and value as literary works.

Recommended preparation: English 1110 or English 1111.

DRMA 1218 — Fundamentals of Set Design

4 hours instruction
(including lab)
(3 credits)
Fall or Spring

Drama 1218 is an introductory course which acquaints students with the theory and practice of scene design, play interpretation as well as the history of stage and set design. The course includes principles of design, the mechanics of creating a set and lab work in drafting, drawing and painting. A number of renderings are required from the student.

Recommended preparation: Drama 1120 and 1221.

DRMA 1219 — Set Design

4 hours instruction
(including lab)
(3 credits)
Fall or Spring

Drama 1219 is a continuation of Drama 1218 with an emphasis on more complicated set designs and scene painting. Students also are required to build models of stage scenery.

Recommended preparation: Drama 1218.

DRMA 1221 — Stagecraft

*5 hours instruction
(3 credits)
Spring

Drama 1221 provides an introduction to lighting, sound, costumes and theatrical make-up. There is practical lab work in all these aspects of stagecraft. Each student is required to be on the running-crew of at least one departmental production.

Recommended preparation: Drama 1120.

DRMA 1222 — Fundamentals of Stage Directing

3 hours instruction
(3 credits)
Fall and Spring

Drama 1222 is intended to introduce the student to the fundamentals of play directing, production procedures and staging techniques involved in stage directing. The course culminates with a scene — chosen, cast and directed by the student.

Recommended preparation: Drama 1112 and 1213.

DRMA 1223 — Directing Project

(1 credit)
Fall and Spring

Drama 1223 requires that the student select his script and cast, rehearse, and present for public performance a full-length, one-act play.

Note: Drama 1111, Drama 1211, Drama 1216 and Drama 1217.

A student may study any of the foregoing under the auspices of The Conservatory of Music and Speech Arts and, upon successful completion of the course(s) and application to the Office of the Registrar and Director of Admissions, receive College credit.

EARLY CHILDHOOD EDUCATION AND DEVELOPMENT [EACE]

EACE 1100 — Early Child Education I

3 hours instruction
(3 credits)
Fall

Introduction to the study of historical perspectives and present trends and theories in the philosophy of Early Childhood Education. In this course the student becomes familiar with the English Infant School and the American Preschool and the Soviet Preschool philosophies.

EACE 1101 — Early Child Education II

3 hours instruction
(3 credits)
Spring

A study of current methods in programming, planning, manipulating and selecting learning activities, materials for play and instruction to meet the cognitive, language, physical, emotional and social needs of the child from birth to six years.

EACE 1102 — Child Health

1 hour instruction
(1 credit)
Fall and Spring

In this course the student examines the common ailments and illnesses of children by concentration on application of first aid, medical referrals and liaison with parents and agencies concerning health of children in a child care setting. Hospitalization and after effects of illnesses are discussed.

EACE 1103 — The Child in the Community

3 hours instruction
(3 credits)
Spring

Study of the child and the family in the community and the various services that provide help to, counselling for, guidance and placement of disadvantaged, emotionally disturbed and physically handicapped and mentally deficient children in the city. The study also deals with the parents as educators.

EACE 1107 — Child Development I

3 hours instruction
(3 credits)
Spring

In this course the student becomes familiar with the scientific literature concerning growth and development of the child from conception through the middle years. Areas of study include: prenatal development, biological inheritance, birth of the baby, physical life process and behavioral capacities of the neonate, the infant, foundations of basic trust, developmental principles and approaches, the toddler, the preschool child, the preschool child's thinking and perceiving, the middle years of childhood. Cognitive functioning and disturbances in development and research methods in child development. (Frequent reference to practical situations in the preschool setting is used.)

EACE 1200 — Nutrition

1 hour instruction
(1 credit)
Fall

This course deals with the study of biochemical and physiological aspects of normal nutrition, effects of malnutrition on intellectual, physical, social and emotional development and diseases related to malnutrition. Nutrition during pregnancy and lactation, menu planning, food buying, storage and preparation are considered.

EACE 1201 — Trends in the Education of the Young Child

2 hours instruction
(2 credits)
Spring

The study includes a spectrum of current opinions, trends, and methods in the field of Early Childhood Education. The course deals with the study of early child stimulation programs, and home learning center approaches. Such areas as rise of open schools, Head Start, Montessori, Piagetian, pragmatic, responsive, developmental, behavior analysis, Darcey and Distar Models are dealt with in some detail.

EACE 1202 — Psychological Study of the Exceptional Child

2 hours instruction
(2 credits)
Fall

In this course the student examines the etiology, growth and developmental characteristics of children who deviate widely from the norm. Topics discussed in this course are intellectual deviations, including the gifted and their education, oral and aural handicaps, physical disability, neurological and other physiological impairments and emotional and social adjustments.

EACE 1203 — Administration

2 hours instruction
(2 credits)
Spring

This course is a study of processes in Educational Administrative philosophies, administrative roles, organizations, policy procedures, income, budgeting procedures, community relations, staff training, physical plant and equipment of child care centers.

EACE 1206 — Child Development II

3 hours instruction
(3 credits)
Fall

This course deals with parent-child relations with emphasis on the importance of the early years. The study includes the recognition of parental attitudes and behavior variables, children's perception of parents, factors influencing parent-child relationships, and the prevention of mental illness among young children.

EACE 1280 — Field Work

(6 credits)
Fall

This course provides practicum in community kindergartens, day cares, preschool sections of hospitals, and work with handicapped children, depending upon availability of field placement positions.

EACE 1281 — Field Work

(6 credits)
Spring

This course is a continuation of Early Childhood Education and Development 1280. Included in the practicum is work experience with kindergarten, day cares, handicapped children and preschool sections of hospitals, depending upon availability of field placement positions.

EACE 1290 — Field Work

(2 credits)
Fall Semester

This course is intended for certificate program students only. Students wishing credit in this course must provide a letter from their employer certifying that they are employed as satisfactory Day Care Workers in a Day Care Setting. Students who do so will be given advanced credit and no fees will be charged for this course. While advanced credits are not computed in the G.P.A., the credit does recognize practical experience in a day care setting.

EACE 1291 — Field Work

3 hours instruction
(3 credits)
Spring Semester

This course is intended for certificate program students only. Students wishing credit in this course must provide a letter from their employer certifying that they are employed as satisfactory Day Care Workers in a Day Care Setting. Students who do so will be given advanced credit and no fees will be charged for this course. While advanced credits are not computed in the G.P.A., the credit does recognize practical experience in a day care setting.

EACE 1292 — Field Work

3 hours instruction
(3 credits)
Fall Semester

This course is intended for certificate program students only. Students wishing credit in this course must provide a letter from their employer certifying that they are employed as satisfactory Day Care Workers in a Day Care Setting. Students who do so will be given advanced credit and no fees will be charged for this course. While advanced credits are not computed in the G.P.A., the credit does recognize practical experience in a day care setting.

EACE 1293 — Field Work

3 hours instruction
(3 credits)
Spring Semester

This course is intended for certificate program students only. Students wishing credit in this course must arrange with the College field work supervisor and their employer for 2 to 4 College supervisory visits during the semester. This will be a graded course of instruction and will require a fee charge. While advanced credits are not computed in the G.P.A., the credit does recognize practical experience in a day care setting.

ECONOMICS [ECON]

ECON 1110 — Introduction to Microeconomics

*4 hours instruction
(3 credits)
Fall and Spring

An introductory course that investigates and deals with demand and supply analysis, output, cost and price determination under competitive and non-competitive market conditions, analysis of the mixed, free enterprise economy, contemporary economic problems. Wherever significant, emphasis will be given to Canadian institutions and problems.

ECON 1111 – Introduction to Macroeconomics
[formerly ECON 111]

*4 hours instruction
(3 credits)
• Fall and Spring

An introductory course that investigates the organization and problems of a mixed free enterprise economy, national income determination, the role of money, commercial and central banking, monetary and fiscal policy, tariffs and international trade and contemporary economic problems. Wherever significant, emphasis will be given to Canadian institutions and problems.

ECON 1150 – Economics for the Consumer

3 hours instruction
(3 credits)
Fall and Spring

A course designed to acquaint students with economic and financial concerns as they relate to the individual in modern society. Topics included are: supply and demand; price and product comparison; advertising; planned obsolescence; budgeting; credit; types of life insurance; car insurance; savings institutions; investments; mortgages; taxation; wills and estates.

ECON 1180 – The Canadian Economy

3 hours instruction
(3 credits)
Fall and Spring

An introductory survey course designed to acquaint the student with the institutions characteristic to the Canadian economy, including a survey of contemporary problems in an historical perspective. Not recommended for students having completed Economics 30, 1110 or 1111.

ECON 1220 – Intermediate Microeconomic Theory

*3 hours instruction
(3 credits)
Spring

This course includes: Theory and price determination under different market structures; costs; production; and resource allocation.

Strongly recommended preparation: Economics 1110.

ECON 1221 – Intermediate Macroeconomic Theory

*3 hours instruction
(3 credits)
Spring

A course dealing with: national income determination; classical Keynesian and neo-Keynesian analysis; aggregate demand and supply; and applied government policies.

Strongly recommended preparation: Economics 1111.

ECON 1223 – Money and Banking

*3 hours instruction
(3 credits)
Fall and/or Spring

The nature and function of money; commercial banking theory and practice; central banking and monetary policy; introduction to interest rate theory; essential elements in the supply and demand for money; survey of international monetary relations.

ENGINEERING [ENGR]

ENGR 1110 [a] Engineering Drawing [b] Descriptive Geometry

*3 hours instruction
(3 credits)
Fall

- (a) Lettering, sketching, use of instruments, geometrical constructions, multi-view projection, sectional views, dimensioning, pictorial drawing, detail and assembly drawing, topographic drawing and mapping.
- (b) Graphic representation and solution to space problems. Auxiliary views, lines, planes, piercing points, intersection of planes, dihedral angles, parallelism, perpendicularity, angles between lines and planes.

ENGR 1114 — Kinematics

*3 hours instruction
(3 credits)
Fall

This course includes: measurement; physical quantities; standards, and units; frames of reference; vector algebra; definition of velocity and acceleration; motion in one and two dimensions; relative motion; particle dynamics; friction; and rotational kinematics.

Co-requisite: Mathematics 1120 or equivalent.

Recommended preparation: Mathematics 1118 or Mathematics 30.

ENGR 1120 — Engineering Problems & Orientation

*2 hours instruction
(including lab)
(1 credit)
Fall

Orientation to engineering profession. Application of mathematics and physics to the solution of engineering problems. Problem layout, report format, solid geometry.

ENGR 1152 — Statics

*2 hours instruction
(2 credits)
Spring

This course deals with the study of bodies at rest. Topics discussed include: operational definitions of force and mass; postulates of Newtonian mechanics; frames of reference; movement of a force about a point; definition of equilibrium of a particle and systems of particles; definition of a rigid body; couples; equivalent force systems; necessary and sufficient conditions of equilibrium; examples of rigid bodies in equilibrium; statically determinate trusses and frames; statically indeterminate rigid bodies.

Recommended preparation: Engineering 1114.

ENGR 1210 — Surveying

2 hours instruction
(2 credits)
Spring

This course includes: the fundamentals of plane surveying; measurement of distance, direction and elevation; survey computations; profiles; cross-sections; areas; contours; and grades.

ENGR 1214 — Newtonian Physics

*6 hours instruction
(including lab)
(4 credits)
Fall

Topics discussed in this course include: mechanical models; operational definitions of physical postulates of Newtonian mechanics; inertial frames of reference, gravitational force; conservation of momentum; work; kinetic energy; work-energy theorem for a system of particles; total energy; conservation of total energy; centre of mass co-ordinate system; rotation of a rigid body; angular motion; conservation of angular momentum; harmonic oscillation; wave motion; properties of matter; principles of thermodynamics.

Recommended preparation: Engineering 1114 and Mathematics 1120 or equivalent.

ENGR 1215 — Electricity and Magnetism

*6 hours instruction
(including lab)
(4 credits)
Spring

This course deals with the following topics: Electric charge; Coulomb's law; electric field; Gauss' law; current resistance; electric circuits; induced electromotive force; magnetic field; Ampere's Law; Biot-Savart's Law; Faraday's postulates; inductance; alternating circuits; resonance; Maxwell's equations.

Strongly recommended as preparation is Engineering 1114, 1152.

Recommended preparation: Engineering 1152 and Mathematics 1121 or equivalent.

ENGR 1252 — Dynamics

*2 hours instruction
(2 credits)
Spring

This course deals with the study of rigid bodies in motion. Topics discussed include: vector calculus; particle kinematics; special co-ordinate systems; rigid body kinematics; particle and rigid body dynamics in three dimensions.

Recommended preparation: Engineering 1114 or 1152, and Mathematics 1120 or equivalent.

ENGLISH AS A SECOND LANGUAGE

[EASL]

NOTE: All students who are not native speakers of English must take the English Language Proficiency Examination administered on campus before enrolling in any Mount Royal College course. Examination times are arranged through the Registrar's Office. Students with limited command of the language may be required to take various parts of the EASL program.

EASL 1138 — Level One Pronunciation

3 hours instruction
(3 credits)
Fall, Spring, & Summer

Emphasis is placed on recognition and production of speech sound patterns. Difficulties of English pronunciation, based on contrastive studies of English and the student's native language, are dealt with on an individual basis. The language laboratory is utilized to the fullest extent.

EASL 1139 — Level One Writing

5 hours instruction
(3 credits)
Fall, Spring, & Summer

Grammar, tense, syntax, and usage are stressed at this level. Students work mainly with sentence and paragraph development. Evaluation at the time of entrance indicates individual weaknesses which are dealt with in class as well as in teacher-student conferences.

EASL 1140 — Level One Reading

3 hours instruction
(3 credits)
Fall, Spring, & Summer

Attention is focused on vocabulary and comprehension of shorter passages. The building of a basic vocabulary is stressed. Reading, writing, and pattern practice materials are coordinated as much as possible. Drills in word recognition are an integral part of the program.

EASL 1141 — Level One Pattern Practice

5 hours instruction
(3 credits)
Fall, Spring, & Summer

The habitual production of English patterns is emphasized, as well as appropriate response, rhythm, and intonation. Attention is given to individual student difficulties in pronunciation and conversation.

EASL 1142 — Level Two Oral Work

6 hours instruction
(3 credits)
Fall, Spring, & Summer

The habitual production of English phonemes is stressed. Students with tone language backgrounds are drilled in intonation patterns of English, both in class and in student-teacher conferences. Practice tapes are provided and the language laboratory is utilized. The development of good listening skills (aural comprehension) is also stressed.

EASL 1143 — Level Two Reading

3 hours instruction
(3 credits)
Fall, Spring, & Summer

Reading of selected materials of Canadian and American literature with special drills designed to build vocabulary. Use of controlled reading machines and materials to build reading speed and comprehension.

EASL 1144 — Level Two Writing

3 hours instruction
(3 credits)
Fall, Spring, & Summer

While emphasis is placed on sentence and paragraph structure, the longer writing form (essay) is introduced. Attention is given to grammar, syntax, tense, usage, and problems of written English peculiar to the student's language background. Controlled and guided writing are stressed.

EASL 1145 — Canadian Culture
[Level Two Students only]

2 hours instruction
(1 credit)
Fall, Spring, & Summer

Attempts to introduce the non-native speaker to Canadian culture while emphasizing lecture approach. Attention is given to the development of good listening and note-taking habits in an effort to prepare the student for regular college courses. Canadian art, history, geography, citizenship rights and responsibilities, etc., are studied.

EASL 1146 — Advanced Oral Work

3 hours instruction
(3 credits)
Fall, Spring, & Summer

Special exercises and drills in English pronunciation, word stress, and intonation, plus work in idiomatic English and practice in public speaking through classroom presentations all provide adequate opportunity for the student to polish his English. Emphasis is on fluency in conversational English.

EASL 1147 — Advanced Writing

5 hours instruction
(3 credits)
Fall, Spring, & Summer

The longer writing form is emphasized with individual work on sentence structure, grammar, and paragraph development. Fluency in written English is the main objective. Guidance in study skills and research procedures is an integral part of the program.

EASL 1148 — Advanced Reading

3 hours instruction
(3 credits)
Fall, Spring, & Summer

Reading speed and comprehension are stressed, and special drills designed for vocabulary development are utilized. Students learn to summarize lengthy passages in their own words rather than simply repeat the material read. Special exercises in reading for the main ideas, reading for general information, reading for specific facts, etc., are all a vital part of the program.

ENGLISH [ENGL]

ENGL 1100 — Basic Language Skills

4 hours instruction
(3 credits)

The purpose of English 1100 is to help the student master the basic principles of clear and effective writing. The student practices forms of expository writing with emphasis upon paragraph development. Some reading is assigned for background and as models for writing. Small classes encourage individualized instruction.

ENGL 1105 — Basic Reading Skills

3 hours instruction
(2 credits)

The purpose of English 1105 is to help the student who has reading difficulties to master the techniques of reading. Flexibility in techniques and comprehension are stressed in the different kinds of reading he is expected to confront in his course work. Standardized tests are used to diagnose areas of deficiency and to individualize instruction.

IT IS EXPECTED THAT STUDENTS WILL TAKE THIS READING COURSE CONCURRENTLY WITH WHATEVER OTHER ENGLISH COURSE THEIR PROGRAM RECOMMENDS.

ENGL 1110 — Principles of English Composition4 hours instruction
(3 credits)

English 1110 develops the student's facility in expository writing for success in college and career. Intensive writing instruction provides the basis for frequent essay assignments.

STUDENTS WHO HAVE FUNDAMENTAL DEFICIENCIES IN THE MECHANICS OF WRITING, SENTENCE STRUCTURE AND PARAGRAPHING ARE ADVISED TO ENROL IN ENGLISH 1100.

ENGL 1111 — Introduction to Literary Forms3 hours instruction
(3 credits)

English 1111 provides an introduction to the study of the major literary genres: prose fiction, poetry and drama. Students will practice the application of various critical approaches in the essays assigned in the course.

ENGL 1180 — Literature and Composition4 hours instruction
(3 credits)

English 1180 prepares students to meet University of Calgary entrance requirements in the area of English language and literature. Students write paragraphs and essays of various lengths based upon ideas derived from the study of literary works and from other sources.

Note: Successful completion of English 1180 is accepted by the University of Calgary as equivalent to high school matriculation (English 30) in English.

ENGL 1210 — English Literature to the Eighteenth Century*3 hours instruction
(3 credits)

English 1210 is a general survey of English Literature from the beginnings to the 18th century. The course consists of selected major works taken in chronological sequence, with emphasis upon literary periods and the development of literary forms. Essays and other written assignments give students the opportunity to develop critical skills.

Recommended preparation: English 1110 or English 1111.

ENGL 1211 — English Literature from the Eighteenth Century to the Present*3 hours instruction
(3 credits)

English 1211 is a general survey of English literature from the eighteenth century to the present. The course consists of selected major works taken in chronological sequence, with emphasis upon literary periods and the development of literary forms. Essays and other written assignments provide students with opportunities to develop critical skills.

Recommended preparation: English 1110 or English 1111.

ENGL 1212 — American Literature to the Twentieth Century*3 hours instruction
(3 credits)

English 1212 is a survey of American literature from Puritan times to the late nineteenth century, with emphasis upon the major figures in poetry and prose. Written assignments provide students with practice in critical thought.

Recommended preparation: English 1110 or English 1111.

ENGL 1213 — Twentieth Century American Literature

*3 hours instruction
(3 credits)

English 1213 is a survey of American literature from the late nineteenth and twentieth centuries, with emphasis upon the major figures in poetry, drama, and prose. Written assignments provide students with practice in critical thought.

Recommended preparation: English 1110 or English 1111.

ENGL 1214 — The English Novel to the Twentieth Century

*3 hours instruction
(3 credits)

English 1214 acquaints students with the masterworks of the English novel in the 18th and 19th centuries. The course traces the development of the novelistic styles and themes; it also develops analytical and critical approaches to the genre. Essay assignments provide opportunities to develop critical writing skills.

Recommended preparation: English 1110 or English 1111.

ENGL 1215 — The Modern English Novel

*3 hours instruction
(3 credits)

English 1215 is a survey of the modern novel from Hardy to the present day with emphasis upon the writers who have greatly influenced the development of the novel. The course includes an exploration of some of the more recent trends in the contemporary novel. Essay assignments provide opportunities to develop critical writing skills.

Recommended preparation: English 1110 or English 1111.

ENGL 1216 — Advanced Composition

*3 hours instruction
(3 credits)

English 1216 advances the student's mastery of writing skills gained in English 1110 by emphasizing the further development of logical argument and the techniques of advanced rhetoric. Assignments allow the student to apply the skills to various compositional topics.

Recommended preparation: English 1110.

ENGL 1217 — Creative Writing

3 hours instruction
(3 credits)

English 1217 is intended to provide students interested in writing, with the opportunity for creative, imaginative and personal expression. Students will write short stories, articles, columns, opinions and other creative forms. The course will provide instruction in narrative techniques, creation of character and dialogue, description of setting and the use of various resources of language.

Recommended preparation: English 1110 or English 1111.

ENGL 1218 — Modern World Literature in Translation

3 hours instruction
(3 credits)

English 1218 examines 20th century world literature in translation through selected works of major figures, with an emphasis upon poetry and prose. Essay assignments provide opportunities for expressing critical evaluations of the works examined in the course.

Recommended preparation: English 1110 or English 1111.

ENGL 1219 — World Literature in Translation3 hours instruction
(3 credits)

English 1219 is a critical and historical survey of world literature in translation which concludes with the late nineteenth century. Essay assignments provide opportunities for expressing critical evaluations of the works examined in the course.

Recommended preparation: English 1110 or English 1111.

ENGL 1220 — Survey of Canadian Literature*3 hours instruction
(3 credits)

English 1220 is a critical and historical survey of Canadian literature. The course includes a study of some French Canadian literature in translation. Essay assignments provide opportunities for development of critical thought.

Recommended preparation: English 1110 or English 1111.

ENGL 1221 — Canadian Literature of the Twentieth Century*3 hours instruction
(3 credits)

English 1221 is a study of the major genres in Canadian literature, including prose fiction, poetry and drama with emphasis on themes which have developed in the period since World War II. Essay assignments provide opportunities for development of critical thought.

Recommended preparation: English 1110 or English 1111.

ENGL 1231 — Technical Writing3 hours instruction
(3 credits)

English 1231 is a course in career communications. It introduces students to the mechanics of professional report writing: research and documentation, report format, and graphic aids. The course also provides extensive practice in such forms as the description of a process, progress report, proposal, and business letters. Emphasis is placed upon the development of a clear, economical style of writing and upon the logical organization of ideas.

Recommended preparation: English 1110.

ENVIRONMENTAL QUALITY CONTROL

[ENVI]

ENVI 1110 — An Introduction to Statistics4 hours instruction
(including lab)
(3 credits)
Fall

This is a general introductory course in statistics designed to acquaint the career student with various statistical tools commonly utilized in his or her career area. An introduction to programming is included in the course.

ENVI 1111 — An Interdisciplinary Approach to Pollution6 hours instruction
(including lab)
(3 credits)
Fall

This is a general introductory course dealing with the broad aspects of the pollution of the land, the atmosphere and inland waters. The lecture program will be supplemented by field trips and demonstrations.

ENVI 1214 — Methods of Air Sampling and Analysis

6 hours instruction
(including lab)
(3 credits)
Fall

This course examines the various techniques used to monitor and control gaseous and particulate emissions, the problems involved in obtaining reliable data, and the analysis of survey results. The theory will be supported by laboratory and field studies.

Recommended preparation: Environmental Quality Control 1111, Chemistry 1180 and 1213.

ENVI 1215 — Instrumentation

6 hours instruction
(including lab)
(3 credits)
Spring

This course examines the basic theory and operation of Ultraviolet - Visible, Infrared, and Atomic Absorption Spectrophotometers, Chromatography, Polarography and Electrochemical techniques. Emphasis is on the laboratory procedures and data treatment of results.

Recommended preparation: Environmental Quality Control 1110 or equivalent.

ENVI 1216 — Methods of Water Sampling and Measurement

6 hours instruction
(including lab)
(3 credits)
Fall

An introduction to instrumental methods of analytical chemistry and the scientific principles of water pollution control using electroanalytical and optical methods of analysis.

Recommended preparation: Chemistry 1181 and Chemistry 1213.

ENVI 1223 — Air Pollution Control

6 hours instruction
(including lab)
(4 credits)
Spring

This course will assign the student or group to a specific area of air sampling and analysis in the community. The student will plan, organize, conduct and report on the survey. The course will involve laboratory and field work as well as seminar and study sessions. Emphasis will be on instructor guided student-initiated approaches to the selected problem. Source Testing Procedures will be covered by independent study.

Recommended preparation: Environmental Quality Control 1214.

ENVI 1225 — Water Pollution Control

6 hours instruction
(including lab)
(4 credits)
Spring

Field and laboratory surveys of water pollution.

Recommended preparation: Chemistry 1181, Chemistry 1213, and Environmental Quality Control 1216.

Note: The following two courses, ELEC 1220 and ELEC 1221, are to be taken by students in this program in conjunction with the Southern Alberta Institute of Technology. Electronics 1220 and 1221 are open to students enrolled in the Environmental Quality Control Program.

ELEC 1220 — Basic Electronics

3 hours instruction
(3 credits)
Spring

This is the first part of a two semester course intended to acquaint students with introductory electronics. Topics include:

- (a) Introduction to basic electronic principles.
- (b) Use of electronic test equipment.

Laboratory experiments will be carried out to support the theory taught.

ELEC 1221 — Basic Electronics and Continuous Monitoring Instrumentation

3 hours instruction
(3 credits)
Fall

This is the second part of a two semester course in electronics with emphasis on continuous monitoring instrumentation. Topics include:

- (a) Basic principles of the acquisition and presentation of data.
- (b) Theory, use and limitation of electronic instrumentation utilized in monitoring and sampling systems in the media of air and water.
- (c) Electronic trouble identification and routine maintenance of pollution control equipment.

FRENCH [FREN]

FREN 1110 — Introductory College French

5 hours instruction
(including lab)
(3 credits)
Fall and Spring

No previous knowledge of French is necessary. The course of study consists of the elementary forms of spoken French, vocabulary, and an introduction to the written forms. At the end of the course, the student should be able to conduct a simple conversation based on a vocabulary of not less than 750 words.

FRENCH 1111 — A Further Course in Introductory French

5 hours instruction
(including lab)
(3 credits)
Fall and Spring

A continuation and completion of French 1110. The course of study consists of more advanced conversational patterns, basic written patterns, vocabulary and reading. At the end of the course, the student should be able to conduct a French conversation and read and write basic French based on a vocabulary of not less than 1500 words. Not recommended for students having French 30.

Recommended preparation: French 1110 or French 20.

FREN 1210 — Intermediate French

*4 hours instruction
(including lab)
(3 credits)
Fall

Some knowledge of both spoken and written French is necessary. The course of study consists of a continuing study of the patterns of spoken and written French together with reading practice in the literary and cultural history of France. Remedial pronunciation is included where necessary. At the end of the course, the student should be able to speak, read and write French with some fluency, and have an elementary knowledge of French civilization.

FREN 1211 — A further course in College French — Intermediate Level

*4 hours instruction
(including lab)
(3 credits)
Spring

A continuation of French 1210.

Recommended preparation: French 1210.

FREN 1230 — French Canadian Literature I

*3 hours instruction
(1 hour lab)
(3 credits)
Fall

An introduction to Canadian Literature in French. The student should be able to read simple texts and have skill in basic grammar and syntax. The course will cover some of the typical themes in French Canadian Literature as revealed in poetry, short stories, essays and a small number of novels.

Recommended preparation: French 30 or consent of the Department.

FREN 1231 — French Canadian Literature II

*3 hours instruction
(1 hour lab)
(3 credits)
Spring

A continuation of French 1230. The emphasis in this segment will be upon four novels chosen from twentieth century Canadian works in French.

Recommended preparation: French 1230, or consent of the Department.

GENERAL EDUCATION

An Interdisciplinary Approach to the Study of Man

General Education is the portion of a program of studies which introduces the student to areas of study intended to broaden and balance his outlook and development. This training is complementary to, but different in emphasis from, the specialized training he receives for a job, profession or high scholastic attainment in a particular field of study.

Through the study of courses selected from the broad areas of communications, the humanities, the natural sciences, and the behavioral sciences, the student is led to develop his sense of social integration and self-awareness and to increase his understanding of his time and place in society. He is encouraged to develop value structures of his own through learning of the values held by his contemporaries and historical prede-

cessors and through viewing the culture in which they live and have lived. The overall objective of general education is to assist the student in acquiring the essential knowledge, thinking abilities and attitudes he will need to be effective as a member of a family and as a citizen.

General Education Equivalent courses are offered to permit the student the option of satisfying his/her graduation requirements by participating in courses of a definable academic discipline that may result in its transferability to a senior educational institution; and a course that pursues a specific subject area in depth.

Of the 12 credit hours required for general education, the student must successfully complete one of the designated courses listed in each of the four areas.

Area 1 — Communications

General Education Courses

- CMUN 1151 Media and Environment
- CMUN 1152 Ideologies and Change
- CMUN 1251 Symbols
- CMUN 1252 Intercultural Communications

General Education Equivalent Courses

- English 1215
- English 1218
- Drama 1110
- Speech 1110

Area 2 — Behavioral Science

General Education Courses

- BHAV 1214 Man and His World
- BHAV 1230 Perspectives of Religion
- BHAV 1250 Effective Interpersonal Behavior
- BHAV 1251 The Family

General Education Equivalent Courses

- Anthropology 1110
- Psychology 1111
- Sociology 1110
- Social Work 1110

Area 3 — Natural Science

General Education Courses

- NTSC 1150 Man and his Natural Environment
- NTSC 1151 The Natural History of Western Canada
- NTSC 1250 Energy in Nature and Society
- NTSC 1251 Matter in Nature and Society

General Education Equivalent Courses

- Biology 1210
- Computing Science 1180
- Geography 1110
- Math 1250

Area 4 — Humanities

General Education Courses

- HUMN 1150 Outstanding Lives
- HUMN 1151 Cultural Epochs
- HUMN 1250 The Canadian Mosaic
- HUMN 1251 Contemporary Canadian Problems

General Education Equivalent Courses

- Economics 1150
- French 1110
- Interior Design 1221
- Philosophy 1110

(Deviation from the program may be made with the approval of the General Education Coordinator).

AREA 1 — COMMUNICATIONS [CMUN]

CMUN 1151 — Media and Environment

3 hours instruction
(3 credits)
Fall and Spring

This course is intended to investigate media and environment as influences shaping man's personal and social life. Special attention will be given to the role of technological media, both printed and electronic, in shaping the consciousness of man in specific cultural environments. The readings are drawn from a number of disciplines: history, English, philosophy, psychology, etc.

CMUN 1152 — Ideologies and Change

3 hours instruction
(3 credits)
Fall and Spring

The course will consider what an ideology is, what effects different ideologies have upon man's perception of himself, society, and the future, and the problems created by various approaches to political and social change. The readings for the course are drawn from a number of disciplines: History, Political Science, English, Psychology, etc.

CMUN 1251 — Symbols

3 hours instruction
(3 credits)
Fall and Spring

This course investigates how a symbol organizes images into significant patterns. The technique of symbolic analysis and appreciation will be taught using examples from world literature, art and philosophic religion.

CMUN 1252 — Intercultural Communications

3 hours instruction
(3 credits)
Fall and Spring

This course attempts to isolate, identify, and overcome barriers to effective communication between members of cross-cultural groups by means of class lectures, discussions, and personal interviews. Emphasis is on problems of stereotyping, cultural shock, withdrawal, etc., rather than on strictly linguistic problems.

DRMA 1110 — Introduction to Theatre

4 hours instruction
(3 credits)
Fall and Spring

This course provides students with an introduction to the nature of theatre. Speech, a creative dramatics approach to improvisation, acting and set construction are emphasized.

ENGL 1215 — The Modern English Novel

3 hours instruction
(3 credits)
Spring

English 1215 is a continuation of English 1214, a survey of the modern novel from Hardy to the present day. It includes an exploration of some of the more recent trends in the contemporary novel. Novels of Hardy, Conrad, Joyce, Lawrence and Woolf are studied in depth.

ENGL 1218 — Modern World Literature in Translation

3 hours instruction
(3 credits)
Fall

English 1218 examines 20th century world literature in translation through selected works of major figures, with an emphasis upon poetry and prose. Essay assignments provide opportunities for expressing artical evaluations of the works examined in the course.

SPCH 1110 — Fundamentals

3 hours instruction
(3 credits)
Fall

This course is designed to acquaint the student with current theories of communication and to promote more effective communication. While it places emphasis on giving the student confidence in speaking through actual participation in a variety of speaking situations, it also is designed to give the student a basic knowledge of the speech mechanism with a view to realizing its potential. Emphasis is given to group discussion, audience analysis, good listening habits, how to research, organize and prepare various types of speeches.

AREA 2 — BEHAVIORAL SCIENCE [BHAV]

BHAV 1214 — Man and His World

3 hours instruction
(3 credits)
Fall

This course is designed to involve the student in an exploration of the human relations of everyday life. Included are not only the attitudes people have toward each other but also those they have towards themselves. These self-attitudes are seen and examined as limited and enhancing factors, not only in working with and for people, but also in all other forms of human relationships. The basic objective of the course is to assist the student in improving his ability to relate with others.

BHAV 1230 — Perspectives of Religion

3 hours instruction
(3 credits)
Fall

This course is designed to study cross-cultural perspectives of religion. Religion being a social institution plays a part in forming a particular kind of behavior. It affects human relations to a large extent — positively for some and negatively for others. This course is, therefore, designed to study the cause and effect of religion on organization and disorganization. Some of the aspects of this course are an objective as well as subjective study of religion — its providing a shared identity as well as creating a conflict to group life: a study of religion in relation to science as well as blind faith and the existence of God and life after death is discussed. Major religions of the world and their role in group life is intended to be one of the main topics.

BHAV 1250 — Effective Interpersonal Behavior

3 hours instruction
(3 credits)
Spring

The purpose of this course is to facilitate the development of effective helping behavior. A considerable amount of time will be spent in exercises for the purpose of practising helping behaviors. In addition, the components of effective helping relationships, and the qualities of effective helpers will be examined. Several class sessions will be devoted to Art Combs' concept of "The Self as Instrument", and to Robert Carkhuffs' "core conditions".

BHAV 1251 — The Family

3 hours instruction
(3 credits)
Spring

In this course the student reflects upon the diversity of family structure and relationships in a world of change. In addition to giving serious thought to some theoretical aspects of family dynamics, the student will be expected to draw upon his own experience and critically evaluate the position of the family in the contemporary world.

ANTH 1110 — Introduction to Anthropology

3 hours instruction
(3 credits)
Fall and Spring

The major subdivisions of anthropology are studied: physical and cultural anthropology; linguistics and archaeology; the comparative study of man, his origin, evolution and distribution; race, racism and culture; the nature and growth of culture, its development and diversity; comparative studies of social, political and religious organizations drawn from primitive and non-primitive ethnology. In addition the student examines theories of cultural evolution and the outline of prehistory; the universal problems of man in culture.

PSYC 1111 — Contemporary Topics in Psychology *

3 hours instruction
(3 credits)
Fall or Spring

This introductory level course focuses on several of the more life-related issues in contemporary psychology. An attempt will be made to give the student an opportunity to examine some areas of personal interest in Psychology.

SLGY 1110 — Introduction to Sociology

3 hours instruction
(3 credits)
Fall and Spring

An introduction to the basic concepts and frames of reference of sociological investigation and interpretation. Topics for analysis include socialization, culture, personality, deviance and social control, social stratification, social change, social movement, social institutions and an introduction to research design.

SLWK 1110 — Emotional Growth

3 hours instruction
(3 credits)
Fall

This course also appears in Criminal Justice Programs as CJUS 1111. This is an introductory course in the development of relationships and emotional learning. Group learning techniques are used in limited class setting to enable the student to explore the dynamics of emotional learning and security.

AREA 3 — NATURAL SCIENCE [NTSC]

NTSC 1150 — Man and His Natural Environment

3 hours instruction
(3 credits)
Fall and Spring

A series of discussions and assignments are used to demonstrate the continuum and dependency of the sciences to each other by using a selected element of our environment (e.g. water or air) as a unifying theme. Supporting discussions from non-science disciplines will further broaden the theme. The course is designed to increase the student's understanding of the interactions within his environment so that he may better adjust to it and improve it.

NTSC 1151 — Natural History of Western Canada

5 hours instruction
(including labs and
field trips)
(3 credits)
Fall

A study of the natural history of the Western prairies and the Eastern Rocky Mountains of Canada. This includes the geologic history, and a survey of the fauna and flora, and the environment of the region. Classroom lectures are supplemented by field trips and laboratory work.

NTSC 1250 — Energy in Nature and Society

3 hours instruction
(3 credits)
Fall

The course examines the types, characteristics, and sources of energy which are found and used in man's natural environment and/or his cultures. The emphasis of the course is to trace the flow of energy through different natural and social systems noting the roles and relationships. In addition to lectures and tutorials, written assignments will be given to permit the student to explore some aspect or type of energy that he/she is interested in; field trips and guest speakers may also be incorporated into the course.

NTSC 1251 — Matter in Nature and Society

3 hours instruction
(3 credits)
Spring

The course introduces the student to the forms, characteristics, and occurrences of naturally occurring matter and their role in human activities. The emphasis of the course is to illustrate relationships between the characteristics and occurrences of matter and human cultures and societies with the objective to assist the student to develop an informed attitude as to the role of matter in both nature and society. The course consists of a series of lectures and tutorials in which the student has the opportunity to discuss problems and solutions in which matter is a significant participant. Written assignments will be given to permit the student to explore the characteristics of a particular aspect of matter that he/she is interested in; field trips and guest speakers may also be incorporated into the course.

BIO 1210 — Ecology

3 hours instruction
(including lab)
(4 credits)
Fall and Spring

A course designed to explain the relationships between living organisms and their biotic and physical environments. Topics discussed include: environments of organisms, population diversity and interaction, community organization, North American biomes. Problems in conservation, recreation and pollution are also studied. Several overnight trips are conducted.

Recommended preparation: Biology 1180 or equivalent.

MATH 1250 — Cultural and Historical Mathematics

3 hours instruction
(3 credits)
Fall and Spring

This course is primarily intended for non-mathematics majors, however the course does provide an excellent survey for any student. The instruction conveys the flavor of mathematics by examining its place in our culture and gives some insight into its historical development. These ideas will be illustrated by a variety of elementary examples drawn from different branches of mathematics.

The student will be expected to pursue at least one area (of his own choice) in depth, by establishing a contract with the instructor.

COMP 1180 — Concepts and Operational

3 hours instruction
(3 credits)
Fall and Spring

A thorough introduction to computers — what a computer is and how it works. The major topics covered are: introduction to computers, historical development, data processing, data representation, number systems, Boolean functions and its applications to switching circuits and networks, keypunch operation and program drum cards, processing equipment, flowcharts and documentation.

GEOG 1110 — Introduction to the Physical Environment

3 hours instruction
(including lab)
(4 credits)
Fall and Spring

An introduction to the study of the physical environment. The course familiarizes the student with the basic elements of climate and landforms. The interpretation of topographic maps and air photographs, work on climatic data and charts, supplemented by aerial and ground field trips will give the student an understanding of his local environment.

AREA 4 — HUMANITIES [HUMN]

HUMN 1150 — Outstanding Lives

3 hours instruction
(3 credits)
Fall and Spring

Through study of the works of one or more significant thinkers, the student will be introduced to ideas which, in their own context, have been and remain cultural landmarks. Study material will be drawn from the arts, the fine arts, science, and politics; and will allow the students to explore in detail the original writings of those who have contributed to these areas. In addition to lectures, tutorial groups will be conducted to encourage open discussions of problems arising from the readings.

HUMN 1151 — Cultural Epochs

3 hours instruction
(3 credits)
Fall and Spring

A study of an outstanding historical period such as the Renaissance, Classical Greece, Tang China or some aspect of the twentieth century. The course will use literature, the arts, and the social sciences in the appreciation of the entire scope of the period. Lectures, seminars, individual study and group projects will allow for developing many approaches within each course.

HUMN 1250 — The Canadian Mosaic

3 hours instruction
(3 credits)
Fall

A study of the people of Canada and their interaction with the land and with each other. The course will use literature, the arts, and the social sciences in an examination of the various peoples who have contributed to the moulding of Canadian Society, the traditions and values they shaped or brought with them, and the ways in which they, in turn, have been affected by the land and by their attempts to develop a multicultural nation.

HUMN 1251 — Contemporary Canadian Problems

3 hours instruction
(3 credits)
Spring

The course will deal with problems peculiar to Canada, such as regionalism, separatism, Canadian-American relations, and Canada's place in the world community, plus the problems common to western industrialized countries, such as pollution, urbanization, racial and minority issues, poverty, etc.

ECON 1150 — Economics for the Consumer

3 hours instruction
(3 credits)
Fall and Spring

A course designed to acquaint students with economic and financial concerns as they relate to the individual in modern society. Topics included are: Supply and Demand; Price and Product comparison; advertising; planned obsolescence; budgeting; credit; Types of Life Insurance; Car Insurance; Savings institutions; Investments; mortgages; Taxation; Wills and Estates.

PHIL 1110 — Introduction to Philosophy

3 hours instruction
(3 credits)
Fall and Spring

This course is designed to help students (a) develop the habit of clear and straight thinking, and the ability to detect crooked or twisted thinking, (b) understand the nature of philosophical thought in relation to such topics as (i) the nature of communication, (ii) man and his environment, (iii) science and human affairs, and (iv) what is real.

FREN 1110 — Introductory College French

5 hours instruction
(including lab)
(3 credits)
Fall and Spring

No previous knowledge of French is necessary. The course of study consists of the elementary forms of spoken French, Vocabulary, and an introduction to the written forms. At the end of the course, the student should be able to conduct a simple conversation based on a vocabulary of not less than 750 words.

**INDS 1221 — History of Modern Art
and Architecture**

3 hours instruction
(3 credits)
Fall and Spring

This course is a sequel to Interior Design 1220. It is a survey of painting, sculpture and architecture in Western Europe and North America from the late nineteenth century to the present day. Lecture, discussion and seminars will explore aesthetics and the development of art styles to enable the student to better understand the trends of 20th century contemporary visual expression. Lectures and seminars are supported with slides and films.

GEOGRAPHY [GEOG]

GEOG 1110 — Introduction to the Physical Environment

*5 hours instruction
(including lab)
(4 credits)
Fall and Spring

An introduction to the study of the physical environment. The course familiarizes the student with the basic elements of climate and landforms. The interpretation of topographic maps and air photographs, work on climatic data and charts, supplemented by aerial and ground field trips will give the student an understanding of his local environment.

GEOG 1120 — Geography of Central America

3 hours instruction
(3 credits)
Fall

A survey course which will study Pre-Columbian Central America; its civilizations, the impact of the Iberians on the area, the merging of the two cultures and the resulting present conditions. These are studied with reference to the landforms, climate and vegetation of the area, the settlement patterns, past and present, as well as current economic and political conditions.

GEOG 1121 — Geography of South America

3 hours instruction
(3 credits)
Spring

A survey course of the geography of South America with reference to its Pre-Columbian civilizations, the infusion of Spanish and Portuguese cultures and the resulting present cultural and economic patterns. These are studied with reference to the physical geography and its effect on the settlement and development patterns both past and present.

GEOG 1209 — Aviation Meteorology

5 hours instruction
(including lab)
(4 credits)
Fall

This course will cover the meteorology requirements for the Ministry of Transport Commercial Pilots license and, in addition, will concern itself with high altitude meteorological problems. The emphasis through the course will be on the effects meteorological phenomenon have on aviation, what meteorological information is available to pilots, and the accurate interpretation and evaluation of this information.

GEOG 1210 — Weather and Climate

5 hours instruction
(including lab)
(4 credits)
Spring

This course involves the study of the elements of the atmosphere and includes detailed studies of the urban climate, air pollution, climatic classification and climatic change. Laboratory work includes individual student project experiments and familiarization with the operation of meteorological instruments.

Recommended preparation: Geography 1110.

GEOG 1211 — Physiography

5 hours instruction
(including lab)
(4 credits)
Spring

A study of the land forms of North America, in particular the Calgary region. The course includes field trips and individual student projects concerning local geomorphologic features.

Recommended preparation: Geography 1110 or Geology 1120.

GEOG 1214 — Human Geography

*4 hours instruction
(4 credits)
Fall

This course deals with man's relation to the physical environment within which he must act, his effect on this environment and its effect on him. It deals with ways in which man has changed the environment to suit his needs and how his needs vary within different physical surroundings.

Prerequisite: An interest in people.

GEOG 1215 — Human Geography

*4 hours instruction
(4 credits)
Spring

This course is concerned with man and his relationship with various physical environments and the influences of political, cultural, physical and economic forces on his activities within his environment.

Prerequisite: An interest in people.

GEOG 1230 — Cartography

*5 hours instruction
(including lab)
(3 credits)
Fall and Spring

Raw data is organized for presentation in simple table, graph and symbol form. Pictorial, areal, volumetric and divided proportional symbols are used to represent planning data. Line maps are used to depict routed flows such as traffic volumes and non-routed flows such as exchanges of goods and services. Thematic mapping includes dot distributions, choropleths, isolines, and areal and proportional symbols. Projects are required to be reproducible within report formats.

GEOG 1231 — Air Photo Interpretation

*4 hours instruction
(including lab)
(3 credits)
Fall and Spring

Instruction covers the types of images available, from black and white and color photographs to infrared, radar and satellite images, and their use in urban and resource planning. Quantitative aspects of photo-grammetry such as the determination of photo scale, measurement of distances, areas and heights are taught and practiced throughout.

Air photo mosaics are produced and the use of photography for mapping purposes is explored. Exercises in interpretation develop knowledge of the meaning of photo details and patterns, and enable students to identify objects from their shape, size, tone and the association of features surrounding them. Interpretation is practiced on both the urban and regional scale.

This course is the same as PLAN 1231.

GEOG 1240 — Urban Geography

3 hours instruction
(3 credits)
Fall and/or Spring

An introduction to theories about form and dispersion of urban settlements in Canada with emphasis on practical application in the urban and regional planning context. Provides an over-view of Canadian urbanization in historical and worldwide perspective. Definition of urban areas in law, census, and geography. The functions of cities and their influence on their hinterland and on each other. The emerging network of cities in Canada. The regional concept and regions of Canada. A review of the factors affecting the form of urban areas, including geological impediments, topography, climate, history, zoning and development control legislation and municipal policies. The interdependence of land use and transportation problems; the central business district and residential suburbs.

This course is the same as PLAN 1240.

GEOG 1241 — Urban and Regional Planning

3 hours instruction
(3 credits)
Fall and/or Spring

Examines the development of contemporary planning concepts and principles with emphasis on their effects on current urban form. A historical review reflects on the relationship between societies' social order, their mode of planning and city forms, leading to an examination of the planning process in a democratic society, the institutions and decision-makers involved and currently employed models. Planning is reviewed in the Alberta provincial, regional and municipal level. The course also examines some of the constraints that the requirements of physical service systems introduce upon planning and implementation.

This course is the same as PLAN 1241.

GEOG 1242 — Urban Problems

3 hours instruction
(3 credits)
Spring and/or Fall

Emphasis is on the interaction between physical form and social behavior and on the limitations that deficiencies in the physical setting may impose on the opportunity structure of urban dwellers. Examined are the effects of climates and micro-climates on behavior, the effects of different housing types on the activities of their occupants, the relationship between physical planning and public and private safety and the social problems resulting from the deterioration of the urban environment.

This course is the same as PLAN 1242.

GEOLOGY [GEOL]

GEOL 1120 — Physical Geology

*5 hours instruction
(including lab)
(4 credits)
Fall and/or Spring

An introduction to the basic principles of physical geology. Topics covered — minerals and rocks; the processes that are at work upon and within the earth such as streams, glaciers, and earthquakes; with interpretation of common physiographic features; and man and his environment.

GEOL 1121 — Historical Geology

*5 hours instruction
(including lab)
(4 credits)
Spring and/or Summer

Lecture, laboratory and field study of the origin and evolution of the earth and the life upon it as indicated by fossils, sedimentary rocks and geologic maps.

Recommended preparation: Geology 1120 or equivalent.

GEOL 1204 — Laboratory Technique

3 hours instruction
(3 credits)
Fall

An introduction to basic techniques in the preparation and analysis of rock and fossil samples. Emphasis will be on the use of appropriate equipment for a particular type of sample and the data determined from the technique. Assignments will consist of a written report based on applicable preparation and analysis of given samples.

Recommended preparation: Geology 1120 and 1121 or consent of the department.

GEOL 1206 — Engineering Geology

*6 hours instruction
(including lab)
(4 credits)
Spring

Presents the application of geologic materials, structures and processes to the solution of engineering problems connected with natural environment of engineering structures.

Recommended preparation: Geology 1120.

GEOL 1210 — Paleontology

*6 hours instruction
(including lab)
(4 credits)
Fall

Presents a systematic discussion of the morphology, classification, ecology, and evolution of the significant invertebrate organisms. Prior knowledge of geology or biology is required.

Recommended preparation: Geology 1121.

GEOL 1211 — Principles of Stratigraphy and Sedimentation

*6 hours instruction
(including lab)
(4 credits)
Spring

Introduction to the basic principles of stratigraphy and sedimentation. Topics covered include: the stratigraphic column; description; classification and interpretation of sedimentary rocks; correlation and stratigraphic maps. Local stratigraphy is emphasized.

Recommended preparation: Geology 1120 and 1121.

GERMAN [GERM]

GERM 1110 — Introductory College German

*5 hours instruction
(including lab)
(3 credits)
Fall and Spring

No previous knowledge of German is necessary. The course study consists of basic vocabulary, spoken patterns and frequent testing. Written and laboratory work is included but the emphasis is upon the spoken word.

GERM 1111 — Introductory College German — Second Level

*5 hours instruction
(including lab)
(3 credits)
Fall and Spring

A continuation of German 1110 with the same arrangements regarding methods, testing and laboratory work. Not recommended for student having German 30.

Recommended preparation: German 1110, German 20.

HISTORY [HIST]

HIST 1212 — History of the United States to 1877

*3 hours instruction
(3 credits)
Fall

The history of the U.S. to 1877 with special attention to the problems of creating a democracy, growth of the nation, sectionalism and the results of the Civil War.

HIST 1213 — History of the United States since 1877

*3 hours instruction
(3 credits)
Spring

The history of the U.S. since Reconstruction with emphasis on the development of current issues.

HIST 1216 — Western Civilization to 1500, A Survey

*3 hours instruction
(3 credits)
Fall

Ancient and Medieval history. History of Civilization from earliest times to 1500.

HIST 1217 — Western Civilization Since 1500, A Survey

*3 hours instruction
(3 credits)
Spring

History of the Renaissance to the present. History of civilization from 1500 to the present.

HIST 1220 — Canadian History to 1850

*3 hours instruction
(3 credits)
Fall

This course covers the political, economic and social history of Canada from the coming of the American Indian to the establishment of responsible government in the mid-nineteenth century.

HIST 1221 — Canadian History since 1850

*3 hours instruction
(3 credits)
Spring

This course covers the history of Canada from 1850 to the present in its political, economic and social setting with emphasis on present day problems.

INSURANCE [INSR]

INSR 1110 — Principles and Practice of Insurance

3 hours instruction
(2 credits)
Fall or Spring

The student participates in an in-depth study of the principles, practices and legal aspects of general insurance. An examination of the type of insurance carriers and government controls are also studied. This course prepares the student for future study of specific types of insurance which is essential for anyone entering the underwriting, claim adjusting or selling professions. This course is a recommended preparation for all other insurance courses, though it can be taken at the same time as another insurance course.

INSR 1112 — Principles of Life Insurance [Insurance on the Person]

2 hours instruction
(2 credits)
Fall or Spring

This course includes a general study of the nature of modern life insurance, plans of life insurance, level premium systems, terms of the policy, legal aspects of life insurance, death and disability claims, health insurance, industrial insurance, group insurance and social security.

Co or pre-requisite: Insurance 1110.

INSR 1130 — Liability Insurance

3 hours instruction
(3 credits)
Fall or Spring

A study of the Law of Negligence, Common Law, forms, rating methods, claims handling and underwriting factors of Liability Insurance.

Co or pre-requisite: Insurance 1110.

INSR 1203 — Automobile Insurance

3 hours instruction
(3 credits)
Fall or Spring

A study of the Insurance Act, the automobile policy, rating methods, claims handling and underwriting factors of automobile insurance.

Co or pre-requisite: Insurance 1110.

INSR 1210 — Fire Hazards; Fire Prevention and Protection

3 hours instruction
(3 credits)
Fall or Spring

In this course the student examines the fire hazards of manufacturing and mercantile operations in conjunction with the methods of reducing or eliminating such hazards.

Co or pre-requisite: Insurance 1110.

INSR 1213 — Burglary and Fidelity Insurance

2 hours instruction
(2 credits)
Fall or Spring

A study of the forms, rating methods, claims handling and underwriting factors related to Burglary and Fidelity Bond coverages.

Co or pre-requisite: Insurance 1110.

INSR 1215 — Loss Adjustments and Claims Settlements

2 hours instruction
(2 credits)
Fall or Spring

An examination of the method and manner of claims investigation and loss settlement. Emphasis is placed on the practical aspects.

INSR 1220 — Insurance on Property [Parts 1 & 2]

3 hours instruction
(3 credits)
Fall or Spring

A detailed study will be made of the following property insurance coverages: basic fire policy, extended coverage endorsements, Insurance Act, Statutory conditions, clauses warranties, inland marine and multi-peril contracts, personal lines and business coverages.

Co or pre-requisite: Insurance 1110.

INSR 1221 — Property Insurance — [Business Interruption]

3 hours instruction
(3 credits)
Fall or Spring

This course will complete the study of Property Insurance Coverages. The student will analyze financial statements and losses relative to the various types of business interruption coverages available in Canada.

Co or pre-requisite: Insurance 1110.

INTERIOR DESIGN [INDS]

INDS 1111 — History of Art & Architecture

*3 hours instruction
(3 credits)
Fall and Spring

A general historical survey of art and architecture and minor arts from the old stone age to the end of the twelfth century in Europe and the Near East. The student is offered a systematic study of aesthetics and the development of art styles which will enable him to develop a basic appreciation and understanding of art and its origins. The course consists of lectures and seminars supported with slides and films.

INDS 1120 — Fundamentals of Design & Color I

*9 hours instruction
(4 credits)
Fall

Introduction to the basic concepts and principles of design theory: line, shape, mass, form, volume, proportion, size, scale, texture, and color. The design principle and concepts surveyed will be applied to assignments through a variety of media.

INDS 1121 — Fundamentals of Design & Color II

*9 hours instruction
(4 credits)
Spring

A continuation of Interior Design 1120 in design and color. This will be chiefly a compositional synthesis of the design concepts and principles covered in Interior Design 1120 as well as the further application of color principles, projects and assignments.

Recommended preparation: Interior Design 1120.

INDS 1122 — Architectural Drafting I

6 hours instruction
(3 credits)
Fall

This course deals with theory and practical exercises in Architectural and Design Drafting techniques. The student is introduced to equipment use, lettering, drawing plan and elevation as well as to three-dimensional object drawing.

INDS 1123 — Architectural Drafting II

6 hours instruction
(3 credits)
Spring

This course is a continuation of Interior Design 1122 and deals with theory and practical exercises in perspective drawing, casting, shade and shadows and introduces the student to problems in space planning. The sessions consist of lectures, group discussions and individual student instruction.

Recommended preparation: Interior Design 1122.

INDS 1126 — Drawing Fundamentals

*3 hours instruction
(2 credits)
Fall

This is an introductory drawing course with emphasis on instruction and practice in the use of various rendering media including pencil, felt pen, ink, and water color. Lectures are supplemented by audio visual materials. Requirements for credit include class exercises and supplemental home sketches.

INDS 1127 — Rendering Fundamentals

*3 hours instruction
(2 credits)
Spring

A continuation of Interior Design 1126 with the introduction of other media. The course stresses a further development of water color and includes practice in the combining of these rendering media and techniques. The emphasis of this course is on the rendering of interior spaces.

Recommended preparation: Interior Design 1126.

INDS 1132 — Introduction to Ceramics

*3 hours per week
(2 credits)
Fall

This is an introductory course intended for the student who has had little or no ceramic experience. The student is exposed to many facets of ceramic art. Emphasis is on the acquaintance of handling clay through hand building including: slab, coil, pinch, solid form carving. Also, wheel work and glazing will be introduced.

INDS 1134 — Introduction to Sculpture

3 hours per week
(2 credits)
Fall

This course concentrates on acquainting the student with three-dimensional concepts, function, scale and technique. A study of natural forms is basic to the course and interpretations of the studies are expressed in sculptural and structural form. Also considered is craftsmanship with sculptural materials, characteristics and properties as they affect the final work.

INDS 1136 — Introduction to Painting

3 hours instruction
(2 credits)
Fall

This course acquaints the student with the different traditional forms of "image making" through an analytical survey of the major contemporary painting tendencies. It will be an introductory course to be carried out strictly at an exploratory level to enable the student to discover the capacity of paint (oil or acrylics) both as color and pigment and to interpret and express their sensory experiences through paint as a medium for pictorial composition. The course concerns itself with non-representational and representational devices. It is an elementary course which can be adjusted for any student who has had a great deal of, little, or no painting experience. The prerequisite for the course is genuine, personal interest in learning about the hows and whys of painting.

INDS 1201 — Summerwork

(1 credit)

To be done by students entering Interior Design 1224.

Independent work of a design problem as assigned on conclusion of Spring Semester of first year.

SUMMER WORK — assignments to be completed during summer recess. Satisfactory completion is required before a diploma is granted.

ASSIGNMENTS ARE DUE FIRST DAY OF CLASS MEETING IN INTERIOR DESIGN 1224.

Design File

Students entering the second year Interior Design Program are required to have a file comprised of such materials as: furniture and accessory catalogues, fabric and carpet samples. These are for their own use in assigned, practical projects. Anyone considering entering Interior Design at Mount Royal is encouraged to begin collecting materials early.

INDS 1210 — Related Design

3 hours instruction
(2 credits)
Fall or Spring

A study of fields relevant to interior designers including graphic design, silk screening, batik, tie dyeing, block printing, metal enamelling and tapestry making. Formal instruction with design assignments will be given for the early part of the semester. Students will then be given an opportunity of executing some of the designs in the craft studio.

INDS 1212 — Furniture Design & Interior Detailing I

3 hours instruction
(2 credits)
Fall

A study of construction methods and their applications as used in the furniture and light construction industries.

Preparation of design drawings and construction of scale models and full size furniture. Practical exercises in joinery and construction. Sketches of contemporary furniture and the development of a reference file. Also, exercises in detailing for installation of fittings and equipment. Recommended preparation: Interior Design 1123.

INDS 1213 — Furniture Design & Interior Detailing II 3 hours instruction
(2 credits)
Spring

A continuation of Interior Design 1212, with actual construction of a piece of furniture.
Recommended preparation: Interior Design 1212.

INDS 1218 — Graphic Techniques I 3 hours instruction
(2 credits)
Fall

Development of ability and familiarity with varied media and techniques used to express ideas in a pictorial form that will be easily understood by a client. Emphasis given to presentation of design ideas by rapid methods in various mediums.

Recommended preparation: Interior Design 1127.

INDS 1219 — Graphic Techniques II 3 hours instruction
(2 credits)
Spring

A continuation of Interior Design 1218 with emphasis on the development of a personal rendering and presentation technique.

Recommended preparation: Interior Design 1218.

INDS 1220 — History of Art & Architecture *3 hours instruction
(3 credits)
Spring

This course is a sequel to Interior Design 1111. The course is a general historical survey of the visual arts in Western Europe from the Middle Ages and Renaissance Period to the end of the 19th century. The student is offered a systematic study of aesthetics and the development of art styles which will enable him to develop a basic appreciation and understanding of art, and its origins. Lectures and seminars are supported with slides and films.

INDS 1221 — History of Modern Art and Architecture *3 hours instruction
(3 credits)
Fall and Spring

This course is a sequel to Interior Design 1220. It is a survey of painting, sculpture and architecture in Western Europe and North America from the late nineteenth century to the present day. Lecture, discussion and seminars will explore aesthetics and the development of art styles to enable the student to better understand the trends of 20th century contemporary visual expression. Lectures and seminars are supported with slides and films.

INDS 1224 — Design: Theory, Problems and Equipment I 8 hours instruction
(5 credits)
Fall

Lectures, seminars and discussions of interior design theory and principles and the factors affecting them. Projects and exercises to develop critical and creative abilities. Major projects include a residential and a commercial design project. Familiarization with the concepts of scale, proportion, form and space. Introduction to equipment used in interiors.

Recommended preparation: "C" or better standing in core courses in the fall and spring semester courses of first year Interior Design.

- INDS 1225 — Design: Theory, Problems and Equipment II** 8 hours instruction
(5 credits)
Spring
- A continuation of Interior Design 1224. Major projects include an office and a restaurant design project.
Recommended preparation: "C" or better standing in Interior Design 1224.
- INDS 1227 — History of Furniture** 3 hours instruction
(3 credits)
Spring
- A study of furniture, interiors and the changes in styles as their designs adapted to different societies and races from the period of the early Egyptian to present day.
The study considers the influence of historical Egyptian, Roman Empire, French, Italian and English furniture on contemporary furniture, including pieces recently designed in Canada, the United States and the Scandinavian countries. Lectures and seminars will be illustrated with A.V. materials.
- INDS 1232 — Ceramics II** *3 hours instruction
(3 credits)
Spring
- This course is a continuation of Interior Design 1132. Emphasis is on the Potter's Wheel and glazing techniques. Initially projects are assigned to develop the concepts of the handling of clay. Gradually, the student may develop his or her own projects where creativity and retention of individuality is encouraged.
- INDS 1234 — Sculpture II** *3 hours per week
(2 credits)
Spring
- This course is a continuation of Interior Design 1134. Following assigned projects, the student may develop his or her own projects where creativity and retention of individuality is encouraged.
- INDS 1236 — Painting II** *3 hours per week
(2 credits)
Spring
- This course is a continuation of Interior Design 1136. Following assigned projects the student may develop his or her own projects where creativity and retention of individuality is encouraged.
- INDS 1238 — Materials and Textiles I** 1½ hours instruction
(1 credit)
Fall
- This course is a survey of building materials, textiles and interior furnishings as they relate to the field of Interior Design. The course consists of lectures, seminars, group and individual assignments. Field trips and guest speakers will be included in the course format.
- INDS 1239 — Interior Materials and Textiles II** 1½ hours instruction
(1 credit)
Spring
- A continuation of Interior Design 1238.

INDS 1240 — Professional Ethics and Practice

1½ hours instruction
(1 credit)
Fall

This course surveys the area of business practices as they relate to the field of Interior Design and includes: business letters, presentation of design solutions, public speaking and the ideals of Interior Design Practice.

INDS 1241 — Professional Ethics and Practice

1½ hours instruction
(1 credit)
Spring

A continuation of Interior Design 1240.

Note: Core courses for second year Fall semester are INDS 1224, 1238, 1240 and must be taken at the same time. Core courses for second year Spring semester are INDS 1225, 1239, 1241 and must be taken at the same time.

LATIN [LATN]

LATN 1110 — Introductory Latin

*3 hours instruction
(3 credits)
Fall and/or Spring

A course at the introductory level, intended for students who have had less than one year of Latin. Basic grammar and vocabulary will be included, but the emphasis will be placed on developing reading ability.

LATN 1111 — Introductory Latin — Second Level

*3 hours instruction
(3 credits)
Fall and/or Spring

A continuation of Latin 1110, suitable for students who have completed Latin 1110 or two years of Latin. Grammar and vocabulary will be expanded, but the emphasis will remain upon the development of reading ability and of some appreciation of Latin literature, Roman history and Roman culture.

Recommended preparation: Latin 1110.

LEISURE EDUCATION [LECR OR LETR]

(The program title was changed from Recreation and Therapeutic Recreation to comply with the Diploma title).

The Leisure Education Curriculum presently incorporates a total modular system (i.e. a series of small learning units).

LECR 1110 — Community Recreation I — Fundamentals

3 hours instruction
(3 credits)
Fall

This is basically a survey course of the field of Recreation. It should identify the concept and philosophies prevailing, the approaches taken to achieve the objectives, and the availability of opportunity for the successful professional. A balance between theory and teaching skills will be used to identify areas of interest. The course has been designed on a modular model with the following to be included:

- 01 — Introduction and Orientation to Leisure — Recreation
- 02 — Concepts Effecting Leisure — Recreation
- 03 — Agents of Leisure — Recreation
- 04 — Study of the Community and its Contribution to Leisure — Recreation
- 05 — Professional Opportunities

LECR 1130 — Recreation Skills I

[Early Childhood Education & Development Students Only]

3 hours instruction
2 weekend field trips
laboratory
(3 credits)
Spring and/or Fall

This course is designed to provide the student with exploratory experience and practical skills in day care arts and crafts related activities. Students will evaluate their own recreational skills and select an area of personal recreation for in-depth involvement.

Topic areas:

- | | |
|--------------------------|----------------------|
| — Arts & Crafts | — Sensory Experience |
| — Language & Stories | — Excursions |
| — Dramatic Play | — Movement Education |
| — Music, Dance & Rhythms | — Special Occasions |
| — Science of Nature | — World of Work |

LECR 1131 — Recreation Skills I

[Community Recreation Students and Others]

3 hours instruction
2 weekend field trips
laboratory
(3 credits)
Fall

This course has been designed on a modular model and is devoted to the teaching of skills considered necessary for the student to enter the "direct leadership" practicum. Included are modules on lesson planning in its various aspects and the planning of recreational activities (including the scheduling of tournaments and competitions). Arts and Crafts will be used as the vehicle to reinforce the learning.

LETR 1132 — Recreation Skills I
[reserved for Therapeutic Recreation Students Only]

3 hours instruction
2 weekend field trips
laboratory
(3 credits)
Fall

This is a course designed to give a survey of the various media of crafts and to allow the students an exploration into the programming of crafts for various disability groups. The course is presented through demonstrations, laboratory work, and seminars and is designed on a modular basis. The following are examples of modules to be included:

- The use of camping in outdoor education and outdoor recreation
- Basic camping skills for the recreation program
- Planning of a recreational activity
- Arts, crafts, and creativity
- Levels of learning
- Disability groups in your craft program
- Instruction in crafts such as macrame, silk screening, batik, lapidary, wood work, nature crafts, etc.

LECR 1133 — Recreation Skills I
[Youth Services Students Only]

3 hours instruction
2 weekend field trips
laboratory
(3 credits)
Fall

This course has been designed on a modular model and is devoted to the teaching of skills considered necessary for the student to enter the "field work placement". Included are modules on lesson planning in its various aspects and the planning of recreational activities (including the scheduling of tournaments and competitions). Arts and Crafts will be used as the vehicle to reinforce the learning.

LECR 1134 — Recreation Skills I
[EASL Students Only]

3 hours instruction
laboratory
2 field trips
(3 credits)
Fall and/or Spring

Using Arts and Crafts as the vehicle for foreign students to learn and apply the English language.

This course is designed to give students an overview of Recreation in both the indoor and outdoor setting. Opportunity to learn craft skills and associate with English speaking students while involved with their tasks is the purpose of the course.

LETR 1160 — Fundamentals I

3 hours instruction
(3 credits)
Fall

A seminar-lab course to identify and explore the basic concepts utilized in Therapeutic Recreation. The first semester of this course will provide an introduction to, and orientation for field placement practicums. Concepts regarding human activities and performance in institutions where the Therapeutic Recreation Specialist will work will be discussed and activities will be demonstrated. This course will also include appropriate modules from Recreation 1110.

**LECR 1210 — Community Recreation II —
Program Planning**

3 hours instruction
(3 credits)
Spring

This course is partially a continuation of LECR 1110 and is specifically designed to expose the students to the methods, techniques and skills involved with planning programs for various settings.

This course consists of the following modules:

- 11-10 — Program Determination & Survey Techniques
- 11-11 — Objective Setting and Evaluation
- 11-12 — Activity Planning
- 11-13 — Publicity & Public Relations
- 11-14 — Age Group Characteristics: Needs and Implications
- 11-15 — Synthesis

Recommended pre-requisite: Leisure Education 1110 or consent of faculty.

**LECR 1211 — Community Recreation III — Ideal
Community**

3 hours instruction
(3 credits)
Fall

This course includes the following modules:

- 21-02 — Overview of Modules 11-02 to 11-15
- 21-03 — Nature of the Community
- 21-04 — Recreation Settings
- 21-05 — Professionalism in Recreation Service
- 21-06 — Recreation Areas & Facilities. (This may be offered as a separate series of modules).

Recommended pre-requisite: Leisure Education 1210 or consent of faculty.

LECR 1212 — Community Recreation IV — Group Process

3 hours instruction
(3 credits)
Spring and/or Fall

This course is considered of key importance and will attempt, in the synthesis module of the course outline, to tie together many of the learning experiences the student has had during his career as a student at Mount Royal College. The student should have a sound philosophy of leisure education that can be translated into practical recreation and leisure programs.

This course includes the following modules:

- 21-07 — Resource Utilization
- 21-08 — Recreation Activity Planning (Advanced)
- 21-09 — Age Groups and Special Group Services
- 21-10 — Synthesis

Recommended pre-requisite: Leisure Education 1211 or consent of faculty.

**LECR 1230 — Recreation Skills II
[formerly RECR 1235]**

3 hours instruction
1 field trip
(3 credits)
Spring and/or Fall

This course is the second course in sequence designed to provide for advanced skills development.

LECR 1231 — Recreation Skills II
[Community Recreation Students]
[formerly RECR 1236]

3 hours instruction
1 field trip
laboratory
(3 credits)
Spring

This course is a continuation of Leisure Education 1131. It is designed to coordinate very closely with Leisure Education 1210 in the area of program planning. Particular emphasis is devoted to the skills considered necessary for the student to enter the "supervisory leadership" practicum. Arts and crafts will be used as the vehicle to reinforce the learning.

LETR 1232 — Recreation Skills II
[Therapeutic Recreation Students]

3 hours instruction
1 field trip
laboratory
(3 credits)
Spring

This course is a continuation of Leisure Education 1132 and is designed to expose the student to the method, techniques, and skills of many usual and unusual indoor and outdoor recreation activities adapted to the disabled. It is designed around the modular model with the following possibilities of modules to be included:

- the use of audio-visual media in Recreation
- characteristics of various age groupings
- leadership techniques and gimmicks
- special events in a recreation program
- design and organization of facilities for various program areas i.e. craft studio, pools, playgrounds, etc. and their relationship to the disabled
- advanced level crafts
- lesson plans and story boards
- outdoor activities

LECR 1233 — Recreation Skills II
[Youth Services Students]
[formerly RECR 1238]

3 hours instruction
1 field trip
laboratory
(3 credits)
Spring

This course is a continuation of Leisure Education 1133. It is designed to coordinate closely with, and present a practical application of the other courses taken by the Youth Services Student. Particular emphasis is devoted to "program planning". Arts and crafts will be used as the vehicle to reinforce the learning.

Note: A major portion of this course will be conducted during the week prior to the normal beginning of classes for the spring semester.

LECR 1234 — Recreation Skills II
[EASL Students]
[formerly RECR 1239]

3 hours instruction
2 field trips
(3 credits)
Spring

Advance skills development.

**LECR 1240 — Recreation Skills III —
Leadership Development**

3 hours instruction
(3 credits)
Fall

The objective is to develop within each student a greater understanding of the role of an effective leader in various recreation settings, and, how to develop more effective leadership skills both in himself and in those with whom he works.

Modules include:

- definition of leadership
- nature of leadership
- styles of leadership
- knowledge of self
- sensitivity to others
- mechanical leadership skills
 - supervisory techniques
 - public relations
 - evaluation skills
 - working with volunteers
- designing Leadership Development Programs

LECR 1243 — Recreation Administration

2 hours instruction
(2 credits)
Fall or Spring

This course is concerned with the fundamental principles and practices involved in the administration of recreation. Topics to be covered include:

1. A survey and analysis of various administrative theories.
2. A study of the various methods and techniques of budgeting, personnel management, business procedures, etc.
3. A study of federal, provincial and municipal government involvement in recreation.
4. A comparison of public, private, industrial and commercial recreation agencies.

LECR 1245 — Recreation Skills IV — Seminar

2 hours instruction
(2 credits)
Spring

This course is designed to give students in Leisure Education an exposure to major areas of possible employment. A major portion of the course is given to the teaching of skills that are transferable across several fields of employment. Of particular importance is the attempt by the instructor to teach basic "Bread and Butter" technical skills of running meetings, preparing and delivering proposals, planning major public events and meetings, and other exercises that allow students to experience "near real" responsibilities.

LECR 1251 — Practicum [Clinical Observations]

(2 credits)
Fall

The practicum will be designed to provide the learning experience in a variety of community and therapeutic settings. The purpose is to acquaint the student with the wide variety of program settings available in the broad field of leisure education. The students will choose to visit and evaluate social agencies, municipal programs, hospitals, nursing homes or other situations which cater to the needs of "normal" or "special" populations.

LECR 1252 – Practicum II [Direct Leadership]

(2 credits)

Spring

This is a continuation of Practicum I. Each student will be assigned to provide leadership under supervision, in a program administered by an approved agency.

Recommended preparation: LECR 1251.

LECR 1253 – Practicum III [Administrative Supervision]

(2 credits)

Fall

This is a continuation of Practicum II to now gain experience at an administrative or supervisory level within the program of an approved agency. An agency supervisor will provide assistance in developing the necessary administrative skills and to assist in the evaluation of the supervisory experience.

Recommended preparation: LECR 1252.

LECR 1254 – Practicum IV [Graduation Project]

(2 credits)

Spring/Fall

This is a continuation of Practicum III plus serving as a synthesis of ideas developed through presentation of a project. The topics must be related to Leisure in its broadest terms, of interest to the student and to be of some practical use to someone else in the future. In addition to researching, preparing and submitting the project the student must defend it before a selected evaluation panel.

Recommended preparation: LECR 1253.

Note: Experienced workers admitted to the program may be offered advance credit for practicum upon applying to the Practicum Supervisor and meeting established criteria.

**LETR 1260 – Therapeutic Recreation II –
Program Planning**

3 hours instruction

(3 credits)

Spring

A seminar-tutorial course, therapeutic and rehabilitative recreation concepts regarding human activities and performance in institutions and organizations using Therapeutic Recreation Specialists will be discussed and demonstrated. Topics include principles and practice in program planning for groups and individuals, and co-ordination of the recreation plan with the treatment plan for the clients, analysis of the recreation activities and their impact on the progress of the patients. This course will also include basic principles of leadership.

LETR 1265 – Adapted Physical Activities

4 hours instruction

(3 credits)

Fall and/or Spring

This course presents concepts and provides practice in physical activities including dance and the adaptation of these activities to provide therapy for the mentally and physically handicapped and the aged.

**LETR 1266 – Therapeutic Recreation – Drama
This course also appears as Drama 1110 [Therapeutic
Recreation students only sections]**

2 hours instruction

2 hours lab

(3 credits)

Fall and/or Spring

This course provides the student with the practical techniques and experiences needed to initiate, participate in and lead a basic dramatic arts program.

LETR 1267 — Therapeutic Recreation — Music and Movement

4 studio hours
(3 credits)
Spring

A study of music fundamentals for recreation. Emphasis is placed on the acquisition of a repertoire of folk songs for group singing and rhythmic activities. Introduction to guitar or piano accompaniment is provided. Also an introduction to the preliminary stage of conducting techniques is provided.

Recommended preparation: LETR 1266 and/or Drama 1110.

LETR 1269 — Therapeutic Recreation — Seminar

2 hours instruction
(2 credits)
Spring

This seminar will bring together directed discussion concepts and skills acquired in the program, and present the ways that these concepts and skills may be applied in providing therapy through recreation.

LECR 1290 — Outdoor Living

3 hours instruction
2 Outdoor labs
(3 credits)
Fall

This course is designed to introduce students to camping as a vehicle, a recreational pursuit and a structure. The course will include the following units:

- outdoor living philosophies, forms, and trends
- camp programming — mechanics
- outdoor living skills
- roles of camp personnel
- professional associations and governing bodies
- personal and community resources

LINGUISTICS [LING]

LING 1210 — The Nature of Language

*3 hours instruction
(3 credits)
Fall and/or Spring

The course is intended to survey the field of linguistics, its content, techniques and objectives; the nature of language; the techniques of phonological, morphological and syntactic analysis and description through the solution of problems from selected languages; the applications of linguistics in language learning, language teaching and speech therapy.

Reading from various areas in linguistics will be assigned, keeping in mind the interests of the individual students.

MATHEMATICS [MATH]

MATH 1114 — Introduction to Elementary Mathematics

5 hours instruction
(4 credits)
Fall and/or Spring

Topics covered are: sets, relations and functions, real numbers, equations, inequalities, exponents and radicals, the algebra of rational expressions, geometry of straight lines, triangles and quadrilaterals.

MATH 1115 — Elementary Mathematics

5 hours instruction
(4 credits)
Fall and/or Spring

Topics covered are: relations and functions, quadratic functions, equations and inequalities, complex number system, solution sets of systems, logarithmic functions, geometry of straight lines, triangles, quadrilaterals, polygons and circles.

Recommended preparation: Math 1114 or Math 10.

MATH 1179 — College Mathematics

5 hours instruction
(4 credits)
Fall and/or Spring

Trigonometric functions and applications, vectors, sequences, series, and limits, permutations, combinations and the binomial theorem, probability, polynomial functions, conic sections, mathematical induction.

Not recommended for students having Math 30.

Recommended preparation: Math 1115 or Math 20.

MATH 1180 — Calculus and Matrices

5 hours instruction
(4 credits)
Fall and/or Spring

The course consists of 2 parts:

Part I Matrices: Including such topics as matrix operations, special matrices such as inverse and transpose matrices, and applications to linear systems. Additional topics will include vectors and their applications.

Part II Calculus: Including such topics as analytic geometry of straight lines, parabolas, etc.; derivatives and anti-derivatives using power rule, chain rule, etc.; and applications involving curve-sketching, maxima and minima, rate of change problems and areas under the curve.

Not recommended for students having Math 31.

MATH 1120 — Differential and Integral Calculus

*5 hours instruction
(4 credits)
Fall

Slope derivative, summation and integration, limits, differentiation and applications, methods of integration and applications. This course is intended for engineering students, aviation students, and all students of applied mathematics.

Recommended preparation: MATH 1179. (MATH 1180 is desirable as a pre-requisite or co-requisite).

MATH 1219 — Calculus and Applications

*5 hours instruction
(4 credits)
Spring

Further theory and applications of integration, complex variables, indeterminate forms, improper integrals, infinite series, polar and parametric form, linear algebra. This course is a continuation of MATH 1120 and is recommended for the same students.

Recommended preparation: MATH 1120 or equivalent, or with the instructor's permission.

MATH 1220: Calculus

*5 hours instruction
(4 credits)
Fall

Further applications of the calculus. Three-dimensional analytic geometry; functions of more than one variable, partial differentiation, multiple integration, applications.

Recommended preparation: MATH 1219.

MATH 1221 — Calculus and Differential Equations

*5 hours instruction
(4 credits)
Spring

Green's Theorem and Stokes Theorem, 1st and 2nd order differential equations, applications of solutions of these equations, series solutions (e.g. Fourier, Bessel, Legendre, Laguerre).

Recommended preparation: MATH 1220.

MATH 1224 — Introduction to Statistics

*5 hours instruction
(4 credits)
Fall and/or Spring

This course is divided into two sections: (1) descriptive statistics (summarizing data), (2) Statistics of inference (prediction of averages etc. from data we already have). The contents of the course are: graphs, frequency tables, means, standard deviation, probability, binomial, normal and poisson distributions, sampling, correlation and regression, significance tests.

Students taking this course should be familiar with basic set theory, and a knowledge of permutations and combinations would be an advantage.

MATH 1225 — Applications of Statistics

*5 hours instruction
(4 credits)
Fall and/or Spring

Inference concerning proportions, analysis of variance, non-parametric tests, applications of Mathematics 1224 to problems in business, social and natural sciences.

Recommended preparation: Mathematics 1224.

MATH 1240 — Introduction to Linear Algebra

*3 hours instruction
(3 credits)
Spring

Introduction to vector spaces, subspaces, linear combinations, linear dependence basis, dimension, matrices and systems of linear equations, determinants, eigenvalues and eigenvectors.

Recommended preparation: Mathematics 1118 or equivalent.

MATH 1250 — Cultural and Historical Mathematics

3 hours instruction
(3 credits)
Fall and/or Spring

This course is primarily intended for non-mathematics majors, however the course does provide an excellent survey for any student. The instruction conveys the flavor of mathematics by examining its place in our culture and gives some insight into its historical development. These ideas will be illustrated by a variety of elementary examples drawn from different branches of mathematics.

The student will be expected to pursue at least one area (of his own choice) in depth, by establishing a contract with the instructor.

MUSIC [MUSC]

MUSC 1100 — Rudiments I [Theory I]

3 hours instruction
(3 credits)
Fall and/or Spring

Questions on notation and rests, time values of notes, dotted and including triplet 8th notes and rests; double flats and double sharps; **all** major and minor scales in both treble and bass clefs; the technical names of **all** the degrees of the scale; simple and compound time.

All intervals within the octave, upwards only, and their inversions; major and minor triads and their inversions in close position.

Melodies given without key signature to be re-written with the correct key signature and the key named; simple transposition of melodies upwards in major keys only and from one clef to another.

Correction of errors, including stems, grouping of notes and rests, key signatures and time signatures, knowledge of terms and signs.

Perfect (V-1) and Plagal (IV-1) Cadences to be written with three notes on the upper stave (Treble) and one note on the lower stave (Bass).

MUSC 1101 — Aural Training I

1 hour instruction
(1 credit)
Spring and/or Fall

This class is designed to develop the student's ear through musical dictation; melody writing; chord recognition; exercises in modulation; rhythm tests; and listening to recordings.

MUSC 1102 — Music Exploration I

3 hours instruction
(3 credits)
Fall and/or Spring

Exploration of the art of music and its materials. Emphasis on the development of listening skills beginning with obvious features and moving to more specific aspects of particular styles and types of music. Examples will be drawn from a variety of styles — classical and popular, past and present — and will coordinate with musical events in Calgary during the current semester.

This course is suitable for the needs of Communicating and Performing Arts.

No musical background or pre-requisites required.

MUSC 1103 — Aural Training II

1 hour instruction
(1 credit)
Spring and/or Fall

This course is a continuation of Aural Training I.

MUSC 1105 — Music Pedagogy I

1 hour instruction
(1 credit)
Spring and/or Fall

This is designed for the student who is going to be a music teacher, either privately, or in a school. The basic fundamental teachings of a principal instrument or the beginning techniques of a second practical instrument will be taught. Knowledge of music literature related to the instrument, technique, and adjustment of faulty technique will be covered.

MUSC 1106 — Music Pedagogy II

1 hour instruction
(1 credit)
Spring and/or Fall

A continuation of Music Pedagogy I.

MUSC 1107 — Pianoforte Literature I

1 hour instruction
(1 credit)
Fall and/or Spring

A listening course designed to present piano music for the general student as well as the trained musician. It includes the Baroque and Rococo periods, the Classicism, late Romantic and 20th Century. Recordings of the great pianists will be used to illustrate various periods. This course suitable for Humanities and Arts group requirements.

Prerequisite: Knowledge of the piano to Grade VI level or thereabouts.

**MUSC 1114 — Mount Royal College Singers I
[Mount Royal College]**

3 hours
(including lecture)
(3 credits)
Fall or Spring

The chorus receives instruction in fundamental vocal production, breathing, diction, and other related areas required in group singing. Also basic techniques in reading of choral music and development of aural skills. A wide variety of choral music is studied and numerous public performances are given with emphasis on musical theatre.

Suitable for Humanities, Arts, Therapeutic Recreation, Leisure Education group requirements.

Pre-requisite: A desire to sing in a group and some knowledge of music, open to interested individuals in the city or surrounding areas.

**MUSC 1119 — Mount Royal College
Calgary Youth Orchestra I**

3 hours of
participation
(1 credit)
Fall

Emphasis in this course will be in playing together as a group. Instruction in good ensemble playing will be given. This is the Calgary Youth Orchestra sponsored by Mount Royal College and is part of the city-wide continuous orchestral training programme and goes on tour every two years. Members are encouraged to audition for the National Youth Orchestra and the Calgary Philharmonic Orchestra. Students to supply their own instruments except those not commonly owned privately.

Pre-requisite: A good technique of playing and reading of music on an orchestral instrument of at least Music Grade VIII level, any recognized Conservatory of Music, University or College.

MUSC 1122 — Mount Royal College Concert Band I

3 hours of
participation
(1 credit)
Fall

Group instruction is given to students of intermediate to advanced ability. Players must supply their own instruments except those not commonly owned privately. Music of a high standard is taught and the scores are of classic and popular vein.

Pre-requisite: A good technique of playing and reading of Music on a Band instrument of at least a Music Grade VI level, from any recognized Conservatory of Music, University or College.

MUSC 1200 — Rudiments II [Theory II]

3 hours instruction
(3 credits)
Fall and/or Spring

Rudiments I (Music 1100 - Theory I) plus the following additional material — C (Alto and Tenor) clefs; diatonic and chromatic scales; intervals, above and below, and their inversions, including (1) compound intervals, (2) enharmonic change, (3) keys in which intervals may be found.

Chords, including (1) all triads and common chords in close or open position, with keys to be named, (2) dominant 7ths and inversions in close or open position in both major and minor keys.

Transposition (1) from major key to major key, (2) from minor key to minor key; the common forms of open score, including modern vocal (choral) score.

Correction of errors. including clefs, accidentals and enharmonic changes.

Cadences to be written at the end of each phrase of a two-phrase melody: Perfect, Plagal or Imperfect (I-V or IV-V), the chords to be written three notes on Treble stave and one note on Bass stave.

MUSC 1201 — Aural Training III

1 hour instruction
(1 credit)
Fall and/or Spring

A more advanced form of ear training using all forms of cadences, dictation, melody writing and complicated chord recognition, rhythm tests and listening to recordings.

Pre-requisite: Music 1103.

MUSC 1202 — Music Exploration II

3 hours instruction
(3 credits)
Fall and/or Spring

A continuation of Music 1202. More detail about various forms of music, stylistic periods, and significant types of music in the 20th Century.

Pre-requisite: Music 1102 or consent of the instructor.

MUSC 1203 — Music Exploration III

3 hours instruction
(3 credits)
Fall

A continuation of the higher and finer forms of music in the string quartette, and other chamber music groups.

Pre-requisite: Music 1102 and 1202.

MUSC 1204 — Music Exploration IV

3 hours instruction
(3 credits)
Spring

Continuation of Music 1203.

**MUSC 1205 — Music Pedagogy III
[formerly MUSC 209]**

1 hour instruction
(1 credit)
Fall

A more advanced and higher standard for the teaching profession. Student will have to be acquainted with such technical exercises as scales, studies, etc., as might be useful for the development of fluency, tone quality and evenness of touch. In addition they will be asked questions regarding the mechanism of their principal and second instrument and the use and functions of all its component parts.

Pre-requisite: Music 1106.

MUSC 1206 — Music Pedagogy IV

1 hour instruction
(1 credit)
Spring

A continuation of Music Pedagogy III.

MUSC 1207 — Pianoforte Literature II

1 hour instruction
(1 credit)
Fall

A more advanced form of literature on the piano to be studied and all the various musical periods to be completed in detail.

Pre-requisite: Music 1204.

MUSC 1208 — Aural Training IV

1 hour instruction
(1 credit)
Fall and/or Spring

A continuation of Aural Training III.

MUSC 1209 — Keyboard Harmony & Improvisation

1 hour instruction
(1 credit)
Spring

PURPOSE — to equip the piano and organ student with a practical understanding of harmonic knowledge applied directly to the keyboard in the harmonization of melodies and realization of figured basses. In single and extended improvisation, in elementary transposition and in the reading of simple string and orchestral scores.

Pre-requisite: Grade III Harmony (Music 1212) and an adequate keyboard facility: from any recognized Conservatory of Music, University or College.

MUSC 1210 — Keyboard harmony & Improvisation II

3 hours instruction
(3 credits)
Spring

A more advanced form of keyboard harmony and improvisation to be studied by the student.

Pre-requisite: Music 1209 and 1207.

MUSC 1212 — Grade III — Beginning Harmony

3 hours instruction
(3 credits)
Fall and/or Spring

Students are expected to be familiar with the following in MAJOR keys only — triads, dominant 7th and supertonic 7th chords, with their respective inversions; dominant 9th and 13th chords in root position only; non-chord notes, including passing notes, auxiliary notes and appoggiaturas.

Melody writing: To add a responsive phrase of melody (approximately four bars) answering a given opening, with the cadences harmonized either in keyboard style or in four parts.

Harmonization: To harmonize a given melody and/or bass in four parts:

Analysis: (1) To analyze chords or specific progressions;

- (2) To phrase a simple dance movement of the 17th or 18th centuries, and to name the cadences. (This may be in major OR minor keys.)

Pre-requisite: Rudiments (Theory II) from any recognized Conservatory of Music, University or College.

MUSC 1213 — Grade IV Harmony

3 hours instruction
(3 credits)
Fall and/or Spring

Students must have Harmony III (Music 1219) and are expected to be familiar with the material in both major **and** minor keys, and also with the following: elementary modulation and secondary dominants; non-chord notes including suspensions.

Melody writing: To continue to a given melodic fragment, so as to include at least one modulation, with the cadences harmonized either in keyboard style or in four parts.

Harmonization: To harmonize a given melody and/or bass in four parts.

Analysis: (1) Harmonic analysis

- (2) Structural analysis of Binary, Ternary and Classical Sonatina Forms.

Pre-requisite: Music 1212 (Grade III Harmony) from any recognized Conservatory of Music, University or College.

Students are expected to be familiar with the material of Grade IV Harmony.

In addition, they must be prepared to:

Indicate the phrasing of the added parts to Grade IV Harmony.

To add a contrapuntal bass to a given melody and/or a contrapuntal melody to a given bass.

To add a part in invertible counterpoint at the 8th **or** 15th to a given part.

To write three variations on a given ground bass.

Pre-requisite: Music 1212 (Grade III Harmony) from any recognized Conservatory of Music, University or College.

MUSC 1214 — Mount Royal College Chorus II

3 hours participation
(3 credits)
Spring

A continuation of Music 1114.

Pre-requisite: Music 1114.

MUSC 1215 — Mount Royal College Chorus III

3 hours participation
(3 credits)
Fall

Continuation of senior choral work.

Pre-requisite: Music 1114 and 1214.

MUSC 1216 — Mount Royal College Chorus IV

3 hours participation
(3 credits)
Spring

Continuation of Music 1215.

Pre-requisite: Music 1215.

MUSC 1217 — History Grade III

3 hours instruction
(3 credits)
Fall

Studying instruments of the orchestra. Haydn, Mozart, Beethoven, Schubert, the Romantic and Impressionistic composers to the present time and its relationship to general cultural development. A complete survey of the history of Western Music.

Required text: A History of Music for Young People (complete) — Harrap.

Pre-requisite: Rudiments (Theory II) — from any recognized Conservatory of Music or University or College.

MUSC 1218 — History Grade IV

3 hours instruction
(3 credits)
Fall and/or Spring

The Classical and Romantic Periods and Contemporary Music, including a knowledge of the forms of these periods.

Required Text — Machlis — The enjoyment of Music (3rd Edition 1970) (Norton) Shorter Version, Parts 1, 2, 3 and 4.

Pre-requisite: Music 1217 (Music History III) from any recognized Conservatory of Music, University or College.

**MUSC 1219 — Mount Royal College
Calgary Youth Orchestra II**

3 hours of
participation
(1 credit)
Spring

A continuation of Music 1118.

**MUSC 1220 — Mount Royal College
Calgary Youth Orchestra III**

3 hours participation
(1 credit)
Fall

Studying Symphony, overture and concerto forms of music.

**MUSC 1221 — Mount Royal College Calgary Youth
Orchestra IV**

3 hours participation
(1 credit)
Spring

Continuation of Music 1219.

MUSC 1222 — Mount Royal College Concert Band II

3 hours of
participation
(1 credit)
Spring

A continuation of Music 1122.

MUSC 1223 — Mount Royal College Concert Band III 3 hours participation
(1 credit)
Fall
Studying the higher form and literature of band music, up to the present day.

MUSC 1224 — Mount Royal College Concert Band IV 3 hours participation
(1 credit)
Spring
Continuation of Music 1223.

MUSC 1225 — History Grade V 3 hours instruction
(3 credits)
Fall
The medieval, Renaissance and Baroque Periods, and the 20th Century, including a knowledge of the forms of these periods.
Required text: Machlis — The Enjoyment of Music — Norton. (3rd edition 1970, shorter version) (Parts 1, 3, 5, 6 and 8).
The following are recommended for use with the above text:
Bergreen and Castellini — Study Guide for the Enjoyment of Music — Norton.
Recordings for The Enjoyment of Music — Norton.
ed. Kamien — The Norton Scores — Norton (single volume or expanded two volume edition).

MUSC 1226 — Music Analysis [Form] 3 hours instruction
(3 credits)
Spring
Students are strongly advised to use both a text and an anthology in their study of this subject.

Students are expected to show a knowledge of the forms covered in Music 105 (History Grade IV) and Music 204 (History Grade V), also questions may be on the following:

Recognition and analysis at sight of not more than three movements from the following:

Binary, Ternary, Ground Bass, Rondo, Theme and Variations, Song forms, Sonata form and Rgual forms.

The explanation of terms used in the above forms.

The symbolizing of the harmonic progressions of certain specific passages.

Recommended texts and anthologies:

Andrews, Sclater, Sinclair — Keys to Music Analysis and Melody Writing — Thompson ed. Kamien — The Norton Scores (single volume edition or expanded edition two volume).

Lovelock — Form in Brief.

MUSC 1227 — Harmony Grade V

Students are expected to be familiar with material of Music 1212 (Grade III Harmony), Music 1213 (Grade IV Harmony), and also with the following:

The more frequently employed chromatic (altered) chords; also non-chord notes of all types.

Melody writing: To continue a given melodic fragment to create a melody in binary or ternary form, with the addition of a bass in contrapuntal style.

Harmonization: To harmonize a melody and/or bass in four parts.

Recommended texts:

Smith and Renouf — The Oxford Student's Harmony Book Two, (Chapters 6 & 7) — Oxford; Andrews, Sclater, Sinclair — Keys to Music Analysis and Melody Writing — Thompson; Melcher and Warch — Music for Advanced Study (complete) — Penticte Hall.

MUSC 1228 — Advanced and Free Counterpoint

3 hours instruction
(3 credits)
Spring

Student will be required to know:

- to add two flowing imitative parts to a plain chorale melody.
- to add a part in double counterpoint at the 15th or to a given part.
- write three variations on a given ground bass, one variation to be in two parts, and the others in three parts.

Pre-requisite: Music 1213 and 1227.

PRIVATE LESSONS

Private lessons are available through the Mount Royal College Conservatory of Music & Speech Arts. Arrangements for instruction can be made through the Conservatory Office, Room 3057, Level III, Telephone 246-6561.

Due to the specialized nature of instruction, fees for these courses are billed at a higher rate than other college courses. Fees for the courses listed below and other private lessons may be obtained directly from the Conservatory Office.

Lessons are offered in the areas listed below. This listing only covers those courses specifically designed for students pursuing an Associate Diploma. A variety of instruction to meet individual needs can be arranged through the Conservatory Office.

Principal Instruments or Voice

1 hour of private instruction
(2 credits)

Semester	Keyboard	Vocal	Strings	Woodwind	Brass	Percussion
I	1130	1140	1150	1160	1170	1190
II	1230	1240	1250	1260	1270	1290
III	1231	1241	1251	1261	1271	1291
IV	1232	1242	1252	1262	1272	1292

Second Practical Study

½ hour private instruction per week
(1 credit)

Semester	Keyboard	Vocal	Strings	Woodwind	Brass	Percussion
I	1131	1141	1151	1161	1171	1191
II	1233	1243	1253	1263	1273	1293
III	1234	1244	1254	1264	1274	1294
IV	1235	1245	1255	1265	1275	1295

MUSC 1292 — Private Lessons Principal Instrument — Percussion IV	1 hour of private instruction per week (2 credits)
Pre-requisite: Musc 1291.	
MUSC 1293 — Private Lessons — Second Practical Study — Percussion II	½ hour of private instruction per week (1 credit)
Pre-requisite: Musc 1191.	
MUSC 1294 — Private Lessons Second Practical Study — Percussion III	½ hour of private instruction per week (1 credit)
Pre-requisite: Musc 1293.	
MUSC 1295 — Private Lessons — Second Practical Study — Percussion IV	½ hour of private instruction per week (1 credit)
Pre-requisite: Musc 1294.	

NURSING [NURS]

NURSING 1110 — Foundations of Nursing	12 hours instruction (5 credits) Fall
An introduction to nurse-patient responsibility and relationships. The orientation of the course is toward the patient; the determination of his needs; subsequent nursing care; problems; and methods used to assist him to meet these needs. The emphasis is upon the fundamental principles that guide nursing action.	
Pre or Co-requisite: Biology 1220, English 1110, Psychology 1110, or permission of the Nursing Chairman.	
NURSING 1111 — Common Elements of Illness I	17 hours instruction
NURSING 1112 — Common Elements of Illness II	(5 credits each) Spring
The course is designed to provide an introduction to patho-physiology, psychopathology, and nursing care of the patient who is experiencing disturbances in homeostasis, either physical or psychological. General course concepts are an extension of those common elements found in Nursing 1110. In addition, persons will be studied as a unified whole, incorporating concepts learned from anatomy, physiology and psychology. Man's response to stress will be examined in terms of adaptation and maladaptation and students will be assisted to make therapeutic intervention accordingly.	
Pre-requisite: Nursing 1110.	
Pre or Co-requisite: Biology 1221 or permission of the Nursing Chairman.	

NURSING 1113 — Medical-Surgical Nursing I

21 hours instruction
(5 credits)
Interession

The focus of the course is to help the student identify stressors that disrupt homeostasis in humans with respect to their cardiovascular, respiratory and renal systems. Throughout the course the student will be encouraged to plan, administer, and evaluate specific nursing care, considering the multiplicity of factors influencing health and potential for independence.

Pre-requisite: Nursing 1111 and 1112, Biology 1221, or permission of the Nursing Chairman.

NURSING 1210 — Care of the Family I
NURSING 1211 — Care of the Family II

17 hours instruction
(5 credits each)
Fall

A family centered approach to meet physical, mental, emotional and social needs of the family throughout childbearing and childrearing. This includes care of the normal and ill child. Practical experience is obtained in hospital maternity and pediatric units and in a variety of community agencies dealing with families.

Pre-requisite: Second Year Nursing standing or permission of the Nursing Chairman.

Pre or Co-requisite: Biology 1212, Psychology 1210.

NURSING 1212 — Medical-Surgical Nursing II

17 hours instruction
(10 credits)
Spring

A continuation of previous nursing courses.

Pre-requisite: Nursing 1113, Second Year Nursing standing, or permission of the Nursing Chairman.

NURSING 1213 — Advanced Nursing

21 hours instruction
(5 credits)
Interession

This course is planned as a practicum in order to assist the student to make the transition to the role of a graduate nurse.

Pre-requisite: Nursing 1212.

NURSING 1250 — Care of the Acutely Ill Patient

17 hours instruction
(9 credits)

This course is planned for the Registered Nurse who has current active nursing experience. Emphasis is on understanding pathophysiology as it relates to nursing assessment and intervention for those patients requiring "intensive care". Guided learning will provide opportunity to increase the necessary skills in direct patient care using a family centered approach.

Pre-requisite: Registered Nurse in Alberta or permission of the Nursing Chairman.

Note: This course may not be offered every year.

PETROLEUM [PETR]

PETR 1110 — Introduction to the Petroleum Industry

3 hours instruction
(3 credits)
Fall and/or Spring

This course is designed in particular for the person employed by the oil industry who wishes to know more about the industry but who has no formal petroleum training (secretaries, draftsman, accountants, etc.). This course covers its technical operations in a manner simple enough for all to understand regardless of educational background or experience.

PETR 1210 — Petroleum Geology

3 hours instruction
(3 credits)
Spring

A course dealing with the petroleum geology aspect of the oil industry such as subsurface mapping, sample logging, well-site technology, qualitative interpretation of wire logs, etc.

Recommended preparation: Petroleum 1110 or some geology background.

PHILOSOPHY [PHIL]

PHIL 1110 — Introduction to Philosophy

*3 hours instruction
(3 credits)
Fall and Spring

The purpose of this course is to help students (a) develop the ability to identify and correct informal and formal fallacies, (b) develop the habit of clear and straight thinking, and (c) understand the nature of philosophical thinking through a brief acquaintance of certain influential philosophers, and a study of such questions as (i) Is man free? and (ii) Does God exist?

This course has no pre-requisite.

PHIL 1111 — Introduction to Moral Philosophy

*3 hours instruction
(3 credits)
Spring

The purpose of this course is to introduce students to moral philosophy through a study of (a) such practical moral problems as Capital Punishment, Civil Disobedience, Abortion, Euthanasia, and the use of Marijuana, and (b) such related theoretical ethical problems as Right and Wrong, the Good, Moral Value, the Purpose of the Law, and Moral Knowledge.

This course has no pre-requisite.

PHIL 1112 — Introduction to Reasoning and Moral Philosophy [formerly PHIL 1210]

3 hours instruction
(3 credits)
Fall or Spring

The purpose of this course is (a) to help students acquire the ability to identify and correct crooked and twisted reasoning, (b) acquaint students with the nature of judicial reasoning, and (c) introduce students to moral philosophy through a study of such topics as Law and Morality, the Purpose of the Law, Capital Punishment, Justice and Punishment.

***Note:** Students who have taken PHIL 1110 or PHIL 1111 are not permitted to take this course.

PHIL 1205 — Introductory Logic

*3 hours instruction
(3 credits)
Fall and/or Spring

An introductory study of the techniques used in appraising arguments as they occur in everyday life and ordinary language.

PHIL 1210 — Problems in Philosophy: Science

*3 hours instruction
(3 credits)
Fall

A close examination of problems selected from the following areas: epistemology, philosophy of science, mathematics, logic, language.

Recommended preparation: any other course in Philosophy.

PHIL 1211 — Problems in Philosophy: Man and Society

3 hours instruction
(3 credits)
Spring

A close examination of problems selected from the following areas: ethics, politics, law, history, religion.

Recommended preparation: any other course in Philosophy.

PHIL 1215 — Philosophy of Man

3 hours instruction
(3 credits)
Fall or Spring

The purpose of this course is to introduce students to several philosophies or concepts of Man. In this course, the student shall survey the basic views about the nature of Man held by such thinkers as Plato, Aristotle, St. Thomas Aquinas, Descartes, Hume, Kant, Kierkegaard, Marx, Freud, Nietzsche, Heidegger, Sartre, Beckett, and Warruse.

Recommended preparation: any other course in Philosophy.

PHYSICAL EDUCATION [PHED]

PROFESSIONAL COURSES:**PHED 1110 — Historical and Philosophical Survey**

3 hours instruction
(2 credits)
Fall

A study of the history, principles and practices of physical education. The course is designed to afford the student an appreciation and a philosophical awareness of the field of physical education and its relationship to our culture.

PHED 1112 — Fundamental Fitness

3 hours instruction
(2 credits)
Fall

Basic applied knowledge regarding physical fitness nutrition and weight control. The course includes practical laboratory experiences, designing of fitness programs and lectures on training for strength, muscular endurance, cardiovascular fitness, nutrition and weight control. It provides an understanding of the biological foundations of Physical Education.

PHED 1113 — Test and Measurement in Physical Education 3 hours instruction
 [formerly PHED 1213] (2 credits)
 Spring

The laboratory study of foundations in Physical Education in physical fitness, motor learning and growth and development. The emphasis in physical fitness tests will be on the study of submaximal performance tests. The student will apply basic statistics to laboratory results.

PHED 1126 — Introduction to Coaching 4 hours instruction
 (3 credits)
 Fall and/or Spring

An introduction to the theory and practice of coaching sports at the community and school levels.

The course will provide an opportunity through a lecture — discussion — observation format to examine the philosophy, principles and practices of coaching techniques and methods.

PHED 1140 — Introductory Wrestling 3 hours instruction
 (2 credits)
 Fall

Basic introduction in the skills and training methods of freestyle Olympic wrestling. The course includes skill analysis, officiating, tournament organization, and student presentations. Participants will organize an in-class tournament.

PHED 1142 — Introductory Judo 3 hours instruction
 (2 credits)
 Fall and/or Spring

An introduction to the philosophy and skills of judo.

PHED 1151 — Introductory Contemporary Dance 3 hours instruction
 (2 credits)
 Fall

Techniques of modern dance movement and the use of dance in the communication of ideas and feelings. A contemporary dance survey is also covered.

PHED 1152 — Social Dance 3 hours instruction
 (2 credits)
 Fall and/or Spring

The emphasis is on instructional techniques, execution, appreciation and enjoyment of social dancing both at the instructional and social levels.

PHED 1154 — Folk and Ethnic Dancing 3 hours instruction
 (2 credits)
 Spring

Physical Education 1154 stresses participation in folk and ethnic dances from around the world. Background and instructional methods are covered in lecture sessions.

PHED 1165 — Women's Introductory Gymnastics

3 hours instruction
(2 credits)
Fall

This course will provide an introduction to gymnastic stunts and routine composition for beginning gymnasts in the artistic gymnastic events of vaulting, balance beam, floor exercise and uneven bars. Trampoline skills will also be introduced. Information for teaching and spotting beginning gymnastics and conducting demonstrations and displays will be introduced.

PHED 1166 — Introductory Acrobatics

3 hours instruction
(2 credits)
Fall/Spring

This course emphasizes the "fun" objective of tumbling, apparatus work, and showmanship for the inexperienced performer. Unicycles, rebound apparatus, juggling balls, and other novelty items will be used. Demonstrations of clown and acrobatic skills will be required. This course could serve as a pre-conditioner for gymnastic course and stunt skiers.

PHED 1211 — Sociological — Psychological Foundations in Physical Education

3 hours instruction
(2 credits)
Spring

This course is an introduction to the elementary concepts and the sources and nature of evidence that form the basis of current Physical Education practices. The emphasis is on integration of the Psychological and Sociological foundation areas to provide a complete picture of Physical Education.

PHED 1212 — Exercise Techniques

3 hours instruction
(2 credits)
Fall

A course to provide the students with experience in instructing and programming exercises to specific fitness groups: children, middle age, and the elderly.

Pre-requisite: PHED 1112.

PHED 1213 — Advanced Fitness Testing

3 hours instruction
(2 credits)
Spring

The study of advanced laboratory and field physical activity testing techniques including telemetry, oxygen consumption, maximal exercise tests and body density. The student will learn the basics of experimental design in physical activity.

PHED 1214 — Advanced Fitness Techniques

3 hours instruction
(2 credits)
Spring

The study of various training methods for specific sports groups and individuals. The training methods will be analysed in terms of affect of various body systems, energy source, energy stores, and performance.

PHED 1215 — Lifetime Leisure Activities

3 hours instruction
(3 credits)
Fall and/or Spring

A course designed to provide an exposure to a variety of lifetime physical and leisure skills. Course will include a variety of individual, dual and team, physical activities; and cultural and social recreational activities. The course will include activity classes as well as tutorial sessions to examine ways of managing and planning leisure time, and an introduction to personal health associated with lifetime leisure pursuits.

**PHED 1217 — Elementary School Physical Education
[formerly PHED 1214]**

3 hours instruction
2 hours field work
(3 credits)
Fall/Spring

A practical and theoretical course dealing with the philosophy, methodology and supervision of the modern elementary school physical education program. The characteristics and needs of children will be related to the activities of the children in school and community settings. Observation/field work experiences will be required. This course will be useful to anyone who must provide and improvise activities for children.

PHED 1219 — Physical Education Seminar

1 hour instruction
(1 credit)
Fall and/or Spring

A seminar course for Physical Education majors designed to examine current problems in Physical Education, professionalism, career planning, etc.

**PHED 1220 — Scientific Basis of Prevention and Care
of Athletic Injuries**

3 hours instruction
(3 credits)
Spring

A study of the responsibilities of the physical educator toward the basic principles of athletic training and his role in the prevention and treatment of athletic injuries. Some instructional time will be spent in emergency treatment and care.

PHED 1221 — Applied Anatomy and Kinesiology

6 hours instruction
(4 credits)
Fall and/or Spring

A detailed study of the locomotor apparatus; individual and group muscular action and basic mechanical principles as they apply to human movement. Muscular and mechanical analysis of simple and complex human movement are also dealt with.

PHED 1222 — Sports Medicine Rehabilitation

3 hours instruction
(3 credits)
Spring

This course is designed to acquaint the students in therapeutic and rehabilitative exercises for an injured athlete. Some instruction will include muscle and joint evaluation as well as the use of technical equipment specific to a trainer and a training room.

PHED 1223 — Introductory Exercise Physiology

3 hours instruction
(2 credits)
Fall

The tactics affecting human performance and the effect of human performance on the body. Topics include muscle physiology, cardio-respiratory physiology, energy sources and other related topics.

Pre-requisite: PHED 1112.

PHED 1225 — Organization and Administration of Sport 3 hours instruction
(3 credits)
Fall and/or Spring

An examination of the role, function and relationships of the administrator of athletic programs; their responsibilities to the athlete, coach, spectators, sponsor and the program.

Designed to give a philosophical overview as well as practical administrative skills to the sports and athletic program administrator.

PHED 1226 — Advanced Coaching 3 hours instruction
(3 credits)
Spring

The student will have an in-depth exposure to motor learning, growth and development, philosophy, psychology, audio-visual aids, public relations, administration and training methods. This course enables the student to obtain the Level II Theory of the National Coaching Certification Program.

Pre-requisite: PHED 1126.

PHED 1230 — Basketball for Men 3 hours instruction
(2 credits)
Spring or Fall

The acquisition and improvement of basic skills and fundamentals of basketball necessary for competent individual and team play will be stressed. Teaching methods and team strategy will also be covered.

PHED 1231 — Basketball for Women 3 hours instruction
(2 credits)
Fall

The acquisition and improvement of basic skills and fundamentals of basketball necessary for competent individual and team play will be stressed in this course. Teaching methods and team strategy will also be covered.

PHED 1232 — Volleyball for Men 3 hours instruction
(2 credits)
Spring

This course develops the refinements of play which are fundamental to high caliber volleyball. Court strategy, play problems, rule interpretations and coaching aspects will be examined in detail. It is the purpose of this course to present volleyball as a power oriented game requiring all of the speed, strength, endurance and coordination found in any demanding team effort.

PHED 1233 — Volleyball for Women 3 hours instruction
(2 credits)
Spring

This course develops the refinements of play which are fundamental to high calibre volleyball. Court strategy, play problems, rule interpretations and coaching aspects will be examined in detail. It is the purpose of this course to present volleyball as a power oriented game requiring all of the speed, strength, endurance, and coordination found in any demanding team effort.

PHED 1240 — Intermediate Wrestling

3 hours instruction
(2 credits)

Spring or Fall

This course prepares the student to coach in recreational, school, or club settings. Coaching methods, training methods, officiating, drawmaster, philosophy and advanced skills are studied. Skills improvement and instructional methods will be emphasized.

Some experience is desirable, preferably Physical Education 1140.

PHED 1242 — Intermediate Judo

3 hours instruction
(2 credits)

Spring

An in-depth practical and philosophical study of judo.

**PHED 1252 — Advanced Social Dance
[formerly PHED 256]**

3 hours instruction
(2 credits)

Spring

The emphasis in this course is directed toward the teaching competence of the student, a wider range of step patterns in social dance, and the introduction to international, stage and professional exhibition ballroom dancing.

Recommended preparation: PHED 1152 or competency as proven by a pre-test.

PHED 1260 — Golf and Archery

3 hours instruction
(2 credits)

Spring or Fall

Skills and techniques of golf and archery and the organization of recreational activities in each sport.

PHED 1265 — Women's Intermediate Gymnastics

3 hours instruction
(2 credits)

Spring

This course will include information on routine composition, judging competitions, training procedures and teaching techniques of intermediate skills in artistic gymnastic events. Participation on the four competitive apparatus and the trampoline is required. Involvement in community gymnastic programs is encouraged.

Previous gymnastic experience is recommended. Preferably Physical Education 1165.

PHED 1266 — Men's Intermediate Gymnastics

3 hours instruction
(2 credits)

Spring

Emphasis is on competitive apparatus skills, routines, judging, and displays in gymnastics. Involvement in community gymnastics programs is encouraged. Previous experience in gymnastics is recommended.

PHED 1270 — Badminton and Tennis

3 hours instruction
(2 credits)

Fall

This course is concerned with the development of skills and techniques of badminton and tennis. Some lecture time is spent in the organization of clinics, tournaments and in methods of instruction.

PHED 1280 — Supervised Practicum

Field Work
(2 credits)
Fall and Spring

This course is designed to provide the opportunity to practice various principles and theories of Physical Education and athletics in practical settings in the community.

Students will be assigned to private or public agencies and will work under the direction of a supervisor at direct activity and supervisory levels of leadership.

PHED 1291 — Intermediate and Senior Swimming

3 hours instruction
(2 credits)
Spring and/or Fall

The students will perfect all swimming strokes and water entries and will be introduced to water safety, artificial respiration and elementary life saving. The student will have the opportunity to take the Red Cross Intermediate and Senior Swimming Examinations and the Royal Life Saving Society Junior Resuscitation and the Intermediate Life Saving Examinations.

The students will be responsible for payment of examination fees to outside organizations when the issue of a certificate involves payment of a fee.

PHED 1292 — R.L.S.S. Senior Resuscitation Bronze Medallion-Bronze Cross

3 hours instruction
(2 credits)
Fall and/or Spring

This course emphasizes theoretical and practical knowledge and experience in artificial respiration, aquatic emergency situations and life saving techniques. Development of competent stroke technique and high level of physical fitness is required. The R.L.S.S. Senior Resuscitation, Bronze Medallion and Bronze Cross examinations will be given and successful students will receive the appropriate awards.

Pre-requisite: Senior Swimmer Award or pass an equivalent pre-test.

Students will be responsible for payment of examination fees to outside organizations when the issue of a certificate involves payment of a fee.

PHED 1295 — R.L.S.S. and Red Cross Instructor Course

4 hours instruction
(3 credits)
Fall and/or Spring

A practical and theoretical study of progressions and techniques of teaching aquatic skills. The instructor candidates will be involved in supervised practice teaching experience and will show proficiency in performing swimming and water rescue skills and artificial respiration. The student will meet the requirements of the Canadian Red Cross and Royal Life Saving Society Instructors' courses in regards to testing, lectures, reading assignments, in-class presentations, and student teaching. Competitive swimming and diving and distance swimming will be introduced.

Pre-requisite: Current Bronze Medallion Award and Senior Artificial Resuscitation Award.

Students will be responsible for payment of examination fees to outside organizations when the issue of a certificate involves payment of a fee.

PHED 1296 — Advanced Life Saving

4 hours instruction
(3 credits)
Fall and/or Spring

This course provides theoretical and practical experience in life saving training at an advanced level. Emphasis is on life guarding techniques for pools and lake-front swimming areas. Basic first aid techniques and various emergency situations in aquatics will be studied. The students may take the National Life Guard test and the Award of Merit test. Competitive swimming and diving will be introduced.

Pre-requisite: Students must hold a current Bronze Medallion Award, Senior Artificial Resuscitation Award and hold a current Water Safety Instructor Award by the last day of class.

Students will be responsible for payment of examination fees to outside organizations when the issue of a certificate involves payment of a fee.

PHED 1298 — Basic Scuba

4 hours instruction
(2 credits)
Spring

Practical and theoretical emphasis on developing the mental and physical ability of the individual to safely become a certified scuba diver. The course involves diving physics and medicine as well as skin and scuba diving skills. Open water dives are an important element of the course.

Pre-requisites: Medical certificate. Bronze Medallion or Permission of the instructor.

Students responsible for fees payable to outside organizations for examinations.

PHYSICAL EDUCATION SERVICE PROGRAM

[This program will not be offered in 1976/77.]

Many transfer institutions require that students complete at least two semesters of a Physical Education Service Program. In this regard Mount Royal College offers seven specific courses: Badminton and Tennis, Dance, Golf and Archery, Swimming, Volleyball, Karate and Fencing. It is recommended wherever possible, students complete these requirements in their first two years of academic studies.

PHED 1134 — Volleyball

2 hours instruction
(1 credit)
Fall

This course offers an opportunity to develop sufficient neuromuscular skill, co-ordination and knowledge to play volleyball reasonably well.

PHED 1144 — Karate

2 hours instruction
(1 credit)
Spring

An introduction to the philosophy and skills of Karate.

PHED 1150 — Dance

2 hours instruction
(1 credit)
Fall and/or Spring

Physical Education 1150 is an introduction to social and ballroom dancing including instruction in the waltz, foxtrot, samba, rumba and various other current dance styles.

PHED 1160 — Golf and Archery

2 hours instruction
(1 credit)
Spring

The emphasis in golf and archery will be on the acquisition and development of skills in the respective activity as a recreational pursuit.

PHED 1170 — Badminton & Tennis

2 hours instruction
(1 credit)
Fall

The emphasis of this course is on badminton and tennis as recreational activities. Students will be encouraged to develop skills and to participate in various types of tournaments.

PHED 1172 — Fencing

2 hours instruction
(1 credit)
Fall

An introduction to the philosophy and skills of fencing.

PHED 1190 — Beginner, Survival and Junior Swimming

2 hours instruction
(1 credit)
Fall or Spring

The student will learn the various swimming strokes and basic water skills and will perform these with a degree of competency equal to the Junior Red Cross swimming award. The student will become familiar with basic survival techniques for personal safety and accident prevention in the water.

PHYSICS [PHYS]

PHYS 1121 — Concepts of Physics

6 hours instruction
(4 credits)
Fall and/or Spring

A conceptual approach to the following areas in physics: classical mechanics, electricity and magnetism and waves. Mathematical exercises will be assigned but the emphasis will be on a semi-quantitative understanding of physical principles.

Pre-requisite or Co-requisite: Mathematics 1179 is desirable.

PHYS 1180 — Introductory Physics

5 hours instruction
(including lab)
(4 credits)
Fall and Spring

This course consists of the study of the mechanics of solids, magnetism and electricity. These topics are considered with a minimum requirement of mathematics, and frequent use will be made of demonstrations, experiments, and other visual aids. Not recommended for students having Physics 30.

Pre-requisite: Mathematics 20 or Mathematics 1115 is desirable.

POLITICAL SCIENCE [PLSC]

PLSC 1110 — Introduction to Political Science

*3 hours instruction
(3 credits)
Fall or Spring

This course deals with the nature and scope of the discipline, forms of government, selected political theories, and variations in political cultures. Students are occasionally asked to undertake case studies of local political events and factors.

PLSC 1111 — The Structure and Dynamics of Government

*3 hours instruction
(3 credits)
Spring

This course examines Canadian political institutions, behavior and culture in a comparative context, with particular reference being made to the political systems of the United States and the United Kingdom.

Recommended preparation: PLSC 1110.

PLSC 1120 — Introduction to Canadian Government and Administration

*3 hours instruction
(3 credits)
Fall or Spring

The study of Canadian Government and administration: its origins, development, and present status; the Canadian political tradition and its origins; administration and the political system; and legal aspects of administration.

PLSC 1210 — An Introduction to International Relations

*3 hours instruction
(3 credits)
Fall or Spring

A course designed to introduce the student to selected problem areas in international politics. Topics will include the following: universal collective security — the experiences of the League of Nations and the United Nations; regional security pacts — NATO and the Warsaw Pact; economic arrangements — the Common Market; Canadian foreign policy; and Third World problems.

PLSC 1220 — Canadian Government and Administration

*3 hours instruction
(3 credits)
Spring

A continuation of Political Science 1120, governmental and administrative organization at the federal, provincial and local levels; relationships among these levels (case studies); the meaning and significance of "bureaucracy" and theories concerning bureaucracy; and special aspects of administration of the three levels of government.

Recommended preparation: Political Science 1120.

PSYCHOLOGY [PSYC]

NOTE: It is recommended that students planning a psychology major enroll in Psychology 2215 or Mathematics 1224 (Statistics) while at Mount Royal.

PSYC 1110 — Introductory Psychology I — Experimental Psychology 3 hours instruction
(3 credits)
Fall or Spring

An introduction to the methods, theory and practice of psychology.

PSYC 1111 — Contemporary Topics in Psychology 3 hours instruction
(3 credits)
Fall or Spring

This introductory level course focuses on several of the more life-related issues in contemporary psychology. An attempt will be made to give the student an opportunity to examine some areas of personal interest in psychology.

PSYC 1210 — Developmental Psychology I *3 hours instruction
(3 credits)
Fall

This course involves a multimedia approach to the study of child development, i.e. lectures, tutorials, independent study, films, etc., and an opportunity will be provided for students to become involved in actual child research. The course includes an extensive study of significant research findings in the following areas, with special emphasis on the early formative years (birth to 6 years): genetics in child development, significance of prenatal development, sensory and motor abilities, issues in child care and early experience, language, origins of motivation, emotions, morals, independence, and early childhood disorders.

Recommended preparation: Psychology 1110 or 1111.

PSYC 1211 — Developmental Psychology II *3 hours instruction
(3 credits)
Spring

This course is essentially a continuation of Psychology 1210. The emphasis in this course will be on later childhood, adolescence, adulthood and aging. Among the topics to be studied will be: psychosexual development, socialization process, self concept and personality, childhood education, peer groups, gangs and delinquency, growth and decline of abilities with age, and psychological disorders of aging.

Recommended preparation: Psychology 1210.

PSYC 1212 — Experimental Psychology I *3 hours instruction
(3 credits)
Fall

This course is intended to give students an introduction to the experimental and scientific methods in psychology. Content includes the design, the analysis and the interpretation of experiments. Emphasis is placed on the student's ability to work on his own or with other members of the class to answer questions posed by the course. This course is designed mainly for the students who intend to remain in psychology and is often a prerequisite for more senior courses.

Recommended preparation: Psychology 1110 or 1111.

PSYC 1213 — Learning

*3 hours instruction
(3 credits)
Spring

A survey of the major issues and areas in the field of learning. Content will include study of basic types of learning, complex learning phenomena and applications of learning theory to education, therapy, etc., based on investigation of both animal and human verbal learning.

Recommended preparation: Psychology 1110 or 1111.

PSYC 1214 — Personality

*3 hours instruction
(3 credits)
Fall

The purpose of this course is to help the student gain a greater understanding of himself and others. Specifically the objectives are to develop human relations and communication skills, to become more aware of our own values, skills and potentials and to examine the theories and research related to the structure dynamics and assessment of personality.

Recommended preparation: Psychology 1110 or 1111.

PSYC 1217 — Abnormal Psychology

*3 hours instruction
(3 credits)
Spring

A basic survey of problems in adjustment, including: the cause of abnormal behavior, personality disorders, neurotic and psychotic disorder, and other forms of psychopathology. The course emphasizes modern methods in diagnosis, understanding treatment and prevention in the field of mental health.

Recommended preparation: Psychology 1110 or 1111.

PSYC 1220 — Consumer and Industrial Psychology

3 hours instruction
(3 credits)
Fall and/or Spring

This course is intended to provide the student with an introduction to some of the main areas of industrial, personnel, consumer and engineering psychology, within the framework of such basic concepts of psychology as learning, motivation, perception, etc.

PSYC 1230 — Behavior Modification

3 hours instruction
(3 credits)
Fall and/or Spring

A theory and practicum into the operationalizing of Behavior Modification techniques. This course is designed for any student who anticipates being employed in the helping professions: Day Care, Social Work, Teaching, Nursing, etc.

PSYC 1250 — Social Psychology

3 hours instruction
(3 credits)
Spring

This course offers the individual opportunities for self-evaluation and for developing the ability and confidence to understand and respond to his environment and the relationships he forms daily. The course also encourages the expansion of the human potential through experience, training, the use of time and the redefinition of goals. The student will focus attention on an individual's motivation, his attitudes and his attitude changes on prejudices, on perception and cognition.

Recommended preparation: Psychology 1110 or 1111.

REAL ESTATE [PRMT]

PRMT 1102 — Principles of Property Management

3 hours instruction
(3 credits)
Fall and/or Spring

This course provides an academic background for property management. It gives the property manager a working knowledge of fundamentals involved in real estate management. It deals with tenant selection, credit and collections, setting store rentals, maintenance programs and record-keeping.

PRMT 1205 — Analysis and Management of Investment Property

3 hours instruction
(3 credits)
Fall and/or Spring

This course studies typical financial problems requiring solution when managing an income producing property. It analyzes the effects of percentage rent clauses and delves into mortgage participation clauses and their effect on the next return to the property.

Recommended preparation: Property Management 1102.

RELIGION [RLGN]

RLGN 1220 — Comparative Religion I

*3 hours instruction
(3 credits)
Fall

This two part course consists of basic religious concepts and ancient religions.

1. A consideration of basic religious concepts such as: the nature of the divine; symbolism of the center, of time and eternity, etc.; the "God who binds", and patterns of religious ritual.
2. A survey of various ancient religions of the Mediterranean basin, of pre-Christian Europe, and of pre-whiteman America.

RLGN 1221 — Comparative Religion II

*3 hours instruction
(3 credits)
Spring

This course is a study of the monotheistic religions. The course of study consists of a survey of Judaism, Christianity and Islam. The student is expected to show some knowledge of the common religious origins of modern Western thought.

RLGN 1250 — Biblical History I

*3 hours instruction
(3 credits)
Fall

A survey of the Old Testament record as an historical record of a unique people — the ancient Hebrews, and as an introduction to the civilizations of the pre-Christian Mediterranean world.

RLGN 1251 — Biblical History II

*3 hours instruction
(3 credits)
Spring

The course of study consists of a survey of history as provided by the New Testament and a consideration of its validity. The student is expected to learn the application of modern research methods of religious documents.

RLGN 1252 — Religion, Society and Conflict

3 hours instruction
(3 credits)
Fall or Spring

An evaluation of contemporary religious attitudes in the light of previous, established insights. Some of the topics to be studied would be the religious consciousness of man, religious freedom, death, God and the Transcendent, different religious moral systems with regard to the problems of war, marriage, poverty, religious worship, and the relationship of religious institutions with society.

SECRETARIAL ARTS [SECR]

SECR 1110 — Business English

4 hours instruction
(including lab)
(3 credits)
Fall and/or Spring

This course is designed to stress the importance of Business English as being fundamental to effective business communication; to review and re-develop language skills pertaining to grammar, word usage, and spelling; to show the importance of correct punctuation; and to increase the student's business vocabulary.

SECR 1111 — Business Letters and Report Writing

3 hours instruction
(3 credits)
Fall and/or Spring

This course is for secretarial students who wish to polish their communication skills and will emphasize written communication. Included in the course content will be communication theory, basic business-letter writing, administrative correspondence, report researching and report writing.

Recommended preparation: SECR 1110.

SECR 1112 — Elementary Typewriting

6 hours instruction
(including lab)
(4 credits)
Fall and/or Spring

This course is for secretarial students with no previous instruction in typewriting as well as for those who are in need of a "brush-up." The course includes the techniques of machine operation with emphasis on touch typing, rhythm, speed, and accuracy. Production work includes practice in letter and report typing, business forms, tables, enumerations, numbers, and symbols.

SECR 1114 — Introduction to Typewriting

3 hours instruction
(3 credits)
Fall and Spring

This course is for students with no previous instruction in typewriting as well as for those who are in need of a "brush-up." The course includes the techniques of machine operation with emphasis on touch control, rhythm, speed, and accuracy. The course is designed for college students who need a typing skill for term papers and journalism, but it is not approved for secretarial students.

SECR 1136 — Beginning Shorthand — Gregg, Pitman, or Forkner

5 hours instruction
(3 credits)
Fall and/or Spring

An initial course in shorthand affording the student a well-rounded knowledge of the theory, short forms, and a good basic reading and writing speed. At the end of the semester, the student is required to pass a written evaluation in shorthand theory plus a three-minute timing in shorthand at 60 w.a.m.

SECR 1150 — Introduction to Accounting

4 hours instruction
(including lab)
(3 credits)
Fall and/or Spring

This is an initial course in accounting that provides an introduction to accounting as a "language" of business. It covers all steps in the accounting procedure, including specialized journals, ledgers, trial balances, financial statements, month- and year-end closing, notes, drafts, bank reconciliation statements, payroll, etc. The course is designed to give the student going into general office work a basic knowledge of work done in an accounting department.

SECR 1160 — Business Machines

3 hours instruction
(including lab)
(3 credits)
Fall and/or Spring

This is a completely taped and programmed course designed to develop the student's proficiency in the operation of electronic and listing calculators. It also gives the student an understanding of the fundamental operation with numbers, fractions, decimals, interest, percentages, exponents, and powers. Mathematical procedures typical to many types of business transactions, such as discounts, depreciation, loans, and installment contracts are covered. This course is fully supervised at all times.

SECR 1172 — Introduction to Business for Secretaries

3 hours instruction
(3 credits)
Fall and/or Spring

This is a basic orientation course designed to give the student a fundamental understanding of the role of the secretary in the business world. This course will cover personal skills—reading, listening, memory, speech—as related to business activities. In addition, basic business terminology, business organization theory, and office organizational techniques will be introduced as preparation for senior courses. Late in the semester a survey of secretarial opportunities will be presented with emphasis placed on interviewing techniques.

SECR 1180 — Medical Filing and Indexing

1 hour lecture
(1 credit)
Spring

This course is designed to cover medical terminology, coding systems, and methods of filing and indexing medical information.

SECR 1210 — Medical Office Functions I

3 hours lecture
(3 credits)
Fall

This course is divided into three sections: 1) Care of equipment and supplies—the ordering of supplies, the safe and efficient storage, and the safe disposal when necessary; knowledge of narcotic laws, safe storage and inventory of drugs and drug records; familiarity with medical office equipment and its care. 2) Emergencies—recognition of emergency situations, knowledge of the proper course of action with different types of emergencies; application of first-aid techniques when necessary. 3) Laboratory orientation—basic knowledge of the purpose, techniques, and recording of laboratory procedures commonly performed in a physician's office: X-rays, physiotherapy, electrocardiography, pap smears, throat cultures, and collection of specimen.

SECR 1211 — Medical Office Functions II

3 hours lecture
1 hour lab
(3 credits)
Spring

This course is divided into three sections: 1) An introduction to medical law—the legal relationship of the physician and patient, the creation and termination of the contract. Emphasis is given to professional attitudes and behaviors and the fundamentals of meeting the special needs of patients. The student should become aware of the physician's legal responsibilities in the practice of medicine and the Medical Office Assistant's relationship in the legal area. 2) Study of general knowledge and understanding of the types of medical practice—individual, private practice, and types of medical care, i.e., comprehensive care and government medical care programs. 3) Identification of medical procedures—blood pressure, pulse, respiration, etc., also the study of human anatomy and physiology.

SECR 1212 — Intermediate Typewriting

6 hours instruction
(4 credits)
Fall and/or Spring

This course demands a higher level of skill in both speed and production work than Elementary Typing. Production problems include more complicated letters, tables, and reports. Rough drafts, memos, forms, financial statements, and postal cards are covered. Simulated office projects are begun.

SECR 1215 — Accounting

4 hours instruction
(including lab)
(3 credits)
Fall and/or Spring

This course is a continuation of SECR 1150 and emphasizes the application of the accounting principles in maintaining a complete set of books.

Recommended preparation: SECR 1150 or equivalent.

SECR 1224 — Advanced Typewriting

6 hours instruction
(including lab)
(4 credits)
Fall and/or Spring

An increase in skill over Intermediate Typewriting is required in both speed and production work. Special letter styles, formal manuscripts, duplicating procedures, and original responses are covered. Simulated office projects are continued.

SECR 1236 — Intermediate Shorthand

5 hours instruction
(including lab)
Fall and/or Spring

An intermediate course in shorthand with special emphasis on office dictation, vocabulary development, and transcription skills acceptable to the business community. The student will be required to test in shorthand for three minutes at 100 w.a.m. as a final semester evaluation.

Recommended preparation: SECR 1136 ("C" standing or by departmental testing).

SECR 1240 — Dictation and Transcription

5 hours instruction
(including lab)
(3 credits)
Fall and/or Spring

Dictation and vocabulary development with emphasis on specialized vocational areas with stress placed upon the technical aspect of office dictation. The student must test in shorthand for three minutes at speeds prescribed in the course outline as the final semester evaluation.

SECR 1250 — Introduction to Business Data Processing

3 hours instruction
(3 credits)
Fall

This course is designed for those who have not had previous knowledge of data processing. It covers such topics as: basic operations and methods of data processing; what a computer is and how it works; computer components; as well as key punch, sorter, collator, information storage and retrieval. Flow charting and program preparation are introduced.

SECR 1251 — Business Data Processing

3 hours instruction
(3 credits)
Spring

The theories and logic development of SECR 1250 are put into practical use in the programming of simple business problems. The COBOL language is introduced in this course.

Recommended preparation: SECR 1250 ("C" standing or by departmental testing).

SECR 1272 — Secretarial Practices

4 hours instruction
(including lab)
(3 credits)
Fall and/or Spring

This course involves the practical application of instructional material covered in pre- and co-requisite courses plus the use of dictating equipment and specialized dictation in such areas as medical, legal, etc. Effective procedures for improving performance of office employees in a simulated office environment are studied and applied.

Co-requisite: SECR 1236, 1240, 1212 or 1224, and SECR 1215 or by the approval of the Chairman, Secretarial Arts.

SECR 1273 — Secretarial Internship

4 hours practicum
(3 credits)
Fall and Spring

This is the finishing course for students taking the Secretarial Arts Associate Diploma Program. The student will be placed in an actual office situation where varied skills will be involved. Assignments for this course will be "true-to-life" and will require the ability to finish a project and carry it through to completion. The student is to receive no remuneration during this internship period.

Co-requisites: See the Secretarial Arts Advisor.

SECR 1274 — Medical Office Assistant Internship

4 hours practicum
(3 credits)
Spring

Students will be assigned to medical offices and clinics for practicums for a minimum of four hours a week. Practical application of skills and knowledge will be assessed, and the grade will become part of the student's record. The student is to receive no remuneration during this internship period.

Co-requisite: See the Secretarial Arts Advisor.

SECR 1280 — Medical — Dental Secretarial

3 hours instruction
(3 credits)
Spring

This course is designed to familiarize the student with the terminology and office procedures in a medical or a dental office.

SECR 1284 — Legal Secretarial

3 hours instruction
(3 credits)
Evenings only
Fall and/or Spring

The legal secretarial course has been designed to give special and intensive training on legal forms, terminology, and basic substantive law. For those who are equipped with basic secretarial skills and aspire to the legal field, this will provide them with a good basic knowledge for legal work.

SOCIAL SCIENCE [SOSC]

SOSC 1180 — Contemporary History and Government

3 hours instruction
(3 credits)
Fall and/or Spring

A course designed to acquaint students with a study of contemporary problems, i.e., political and economic systems and international conflict and co-operation. Not recommended for students having Social Studies 30.

SOCIAL WORK [SLWK]

SLWK 1110 — Emotional Growth

3 hours instruction
(3 credits)
Fall and/or Spring

This course also appears in Criminal Justice Programs as CJUS 1111. This is an introductory course in the development of relationships and emotional learning. Group learning techniques are used in a limited class setting to enable the student to explore the dynamics of emotional learning and security.

SLWK 1114 — Social Work Process

6 hours instruction
(6 credits)
Fall

This course allows the student to experience the helping process, using himself as the essential agent to effect change and growth in the life of the child or adult. The method of presentation makes extensive use of reading, group discussion, simulation games, audio visual resources and community engagements as required to provide each student with an opportunity to develop his understanding of the needs of people, including children, and to assist him to meet their needs. The content base of this course is a series of action concepts, such as "thinking", "planning", "communicating", and "listening", each of which is fundamental to effective social work practice. Each concept is presented in module form and the student, within certain limits, may complete each one at his own pace. Adequate provision is made for individual student requirements and interests in the fields of Child Care, Criminal Justice Careers, Family Counselling, etc. through selection of a social work program.

SLWK 1180 — Field Work [Youth Services I]

8 hours per week
(4 credits)
Fall

This is a period of orientation and observation for students to examine the role of the child care worker in various child care centres. Visiting lecturers, field trips and observation of a selected program or programs prepare the student for the "block" placement in the second semester when students function as child care workers in selected centres for a two-month period.

SLWK 1184 — Orientation to Field of Practice and Volunteer Activity [Social Service Careers]

3 hours per week
(2 credits)
Fall

This is the first half of a two-semester sequence which provides the student with an opportunity to observe and examine in depth the operation of one or more Correctional or Social Service centres representing various approaches to the care and service of people. Students are asked to serve as volunteers in Calgary agencies for three or more hours per week, and to log and analyze their volunteer experiences.

SLWK 1211 — Emotional Maturity

3 hours instruction
(3 credits)
Spring

This course examines the concept of emotional maturity using the seminar casework method. Emphasis is placed on "normal" behavioral problems and reactions. Beginning relationships are used by the student to effect emotional growth.

Recommended preparation: Social Work 1110.

SLWK 1212 — Relationship Adjustments

3 hours instruction
(3 credits)
Fall

A continuation of the Social Work 1110 and 1211 sequence — examining relationships, needs and emotional growth. The particular focus is on adjustment in relationships resulting from stress. The student will be expected to examine his own attitudes which will affect helping relationships.

Recommended preparation: Social Work 1211.

SLWK 1213 — Understanding and Working with Abnormal Behavior

3 hours instruction
(3 credits)
Spring

The emphasis in this course is upon the development by the student of a deeper understanding of abnormal behavior. Current methods of treatment and help used by professional social workers are studied.

Recommended preparation: SLWK 1212.

SLWK 1215 — Social Service Methods

6 hours instruction
(6 credits)
Spring

A continuation of Social Work 1114.

Recommended preparation: Social Work 1114.

SLWK 1216 — Social Service Process

3 hours instruction
(3 credits)
Fall

In this course the student learns more detailed aspects of social service administration. Group and individual projects serve as learning aids.

SLWK 1217 — Social Service Process

3 hours instruction
(3 credits)
Spring

This course concentrates on further development of social service skills and close examination of students' attitudes, as a help or a hindrance in working with clients. Students contribute case material for classwork use.

SLWK 1218 — Social Service Techniques

3 hours instruction
(3 credits)
Fall

A continuation of Social Work 1216. The student is familiarized with the development of social service philosophy and its influence on present day planning in social service. Some attention is given to various aspects of community development.

SLWK 1219 — Social Service Techniques

3 hours instruction
(3 credits)
Spring

A continuation of Social Work 1217. In this course, material is presented in an attempt to further develop and refine the student's social service skill. Particular emphasis is placed on diagnostic techniques.

SLWK 1281 — Field Work [Youth Services]

8 hours per week
(4 credits)
Spring

This course provides the student with a supervised experience as a child care worker in a selected agency serving children.

SLWK 1285 — Orientation to Field of Practice and Volunteer Activity

3 hours per week
(2 credits)
Spring

A continuation of Social Work 1184.

SLWK1294 — Social Service Field Work — Advanced

(4 credits)
Fall

In this course students spend four days a week in a social service agency. After an initial orientation period, students are expected to assume full responsibility for cases in order to enhance their knowledge and skill in the social method.

See NOTE, page 84 regarding other courses which must be taken concurrently or must have been completed.

Prerequisites: SLWK 1184, SLWK 1285.

SLWK 1295 — Social Service Field Work — Advanced

(4 credits)
Spring

A continuation of Social Work 1294. In this course the student carries on his agency work (as per Social Work 1294). More attention is given to teaching students specific skills, developing competence in terms of offering adequate service to his clients; and participating in the overall agency program.

See NOTE, page 84 regarding other courses which must be taken concurrently or must have been completed.

Pre-requisite: Social Work 1294.

SOCIOLOGY [SLGY]

SLGY 1110 — Introduction to Sociology

3 hours instruction
(3 credits)
Fall and/or Spring

An introduction to the basic concepts and frames of reference of sociological investigation and interpretation. Topics for analysis include socialization, culture, personality, deviance and social control, social stratification, social change, social movement, social institutions and an introduction to research design.

SLGY 1210 — Race and Ethnic Relations

*3 hours instruction
(3 credits)
Fall

An analysis of the influence of racial and/or cultural factors upon the position of minority group members in a social class system. Consideration is given to questions of race, prejudice, conflict, accommodation, caste and social nobility as they pertain to minority relationships in world perspective.

Recommended preparation: Sociology 1110, Anthropology 1110.

SLGY 1211 — Social Issues

3 hours instruction
(3 credits)
Fall and/or Spring

An examination of social and cultural forces that create social problems and failures in personal and institutional adjustments.

The student will be expected to choose a social problem of interest to him and critically evaluate this problem from both theoretical and practical perspectives.

SLGY 1212 — The Family

*3 hours instruction
(3 credits)
Spring

This course also appears in General Education as Behavioral Science 1251. In this course the student will reflect upon the diversity of family structure and relationships in a world of change. In addition to giving serious thought to some theoretical aspects of family dynamics, the student will be expected to draw upon his own experience and critically evaluate the position of the family in the contemporary world.

SLGY 1216 — Urban Sociology

*3 hours instruction
(3 credits)
Spring

A study of the institutional and ecological factors in the social life of the city. Special emphasis will be placed on what contemporary conditions illustrate about the city of the future.

Recommended preparation: Sociology 1110.

SLGY 1218 — Juvenile Delinquency

*3 hours instruction
(3 credits)
Fall

A systematic analysis and criticism of biological, psychological, psychoanalytical and sociological theories of deviancy is presented. Attention is given to statistics and contemporary research with special emphasis on the distribution and types of deviant subcultures.

Recommended preparation: Sociology 1110.

SLGY 1219 — Crime and Society

*3 hours instruction
(3 credits)
Spring

This is an introductory course in criminology. The course will consist of an analysis and criticism of the major theories of criminal behavior. Emphasis is given to the relationship between social structure and criminal behavior; types of criminal behavior such as drug addiction statistics and contemporary research.

Recommended preparation: Sociology 1110.

SLGY 1230 — Sociology of Religion

*3 hours instruction
(3 credits)
Fall

This course also appears in General Education as Behavioral Science 1230. The analysis of religion as a social institution, its relationship to culture, personality and social change with consideration given to theories of religious behavior and contemporary research findings.

SPANISH [SPAN]

SPAN 1110 — Beginners' Spanish I

*4 hours instruction
(including lab)
(3 credits)
Fall and/or Spring

A first course in Spanish grammar and pronunciation intended for students with no previous knowledge of Spanish. Attention is devoted to the oral approach, using dialogues, structural patterns and conversation, and some time is devoted to developing basic reading ability.

SPAN 1111 — Beginners' Spanish II

*4 hours instruction
(including lab)
(3 credits)
Spring

A continuation of Spanish 1110 with emphasis on speech and on writing and reading development. Special exercises in aural comprehension are also included.

Recommended preparation: Spanish 1110.

SPEECH [SPCH]

SPCH 1110 — Fundamentals

3 hours instruction
(3 credits)
Fall

This course is designed to acquaint the student with current theories of communication and to promote more effective communication. While it places emphasis on giving the student confidence in speaking through actual participation in a variety of speaking situations, it also is designed to give the student a basic knowledge of the speech mechanism with a view to realizing its potential. Emphasis is given to group discussion, audience analysis, good listening habits, how to research, organize and prepare various types of speeches.

SPCH 1111 — Oral Interpretation I

3 hours instruction
(3 credits)
Fall

Speech 1111 is designed to develop the individual student's vocal potential. Emphasis is placed on respiration, phonation, resonance and articulation, with an end to encouraging full vocal expressiveness. The course is open to anyone wishing to improve his speaking voice. This course is identical to Drama 1111.

SPCH 1114 — Argumentation and Debate

3 hours instruction
(3 credits)
Fall

This course is particularly suited for students majoring in law, political science, philosophy or salesmanship, as well as for any student desiring to develop his ability in the art of convincing others. It includes work in practical reasoning, appraisal and use of evidence, recognition of fallacies, forms of debate and oral argumentation.

**SPCH 1116 — Creative Drama and Movement for Adults
Dealing with Children**

3 hours instruction
(including lab)
(3 credits)
Fall or Spring

This course deals with directed play, emotional control, and ability to co-operate with children through improvisation, theatre games and movement. The imagination is developed and the student gains experience in developing expressive speech. This course is identical to Drama 1115.

SPCH 1211 — Oral Interpretation II

3 hours instruction
(3 credits)
Spring

This course is designed to give the student the opportunity to take part in, direct, and write critiques of such presentations as reader's theatre, radio, television and stage scripts. Emphasis is placed on interpretation, and a high standard of performance is expected. This course is identical with Drama 1211.

Recommended preparation: Speech 1111.

SPCH 1212 — Effective Speaking

3 hours instruction
(3 credits)
Spring

This course is a continuation of Speech 1110. It emphasizes the study of parliamentary procedure, with the use of audio-visual aids as effective supporting material. It also gives the student an opportunity to participate in communication situations similar to those in which he could be involved professionally.

Recommended preparation: Speech 1110.

SPCH 1215 — Argumentation and Debate

3 hours instruction
(3 credits)
Spring

This course is a continuation of Speech 1114. It develops the student's persuasive style and provides intensive training in the rational analysis of controversial public problems.

Recommended preparation: Speech 1114.

SPCH 1220 — Reader's Theatre I

3 hours instruction
(3 credits)
Fall

This course is designed to promote the cultivation of the art of reading aloud in groups as well as the participation in self-expressive activity before an audience with a view to making contemporary literature an enjoyable, personalized experience.

Recommended preparation: Speech 1111 or Speech 1211.

SPCH 1221 — Reader's Theatre II

3 hours instruction
(3 credits)
Spring

This course is a continuation of Speech 1220.

Recommended preparation: Speech 1111 or 1211, and Speech 1220.

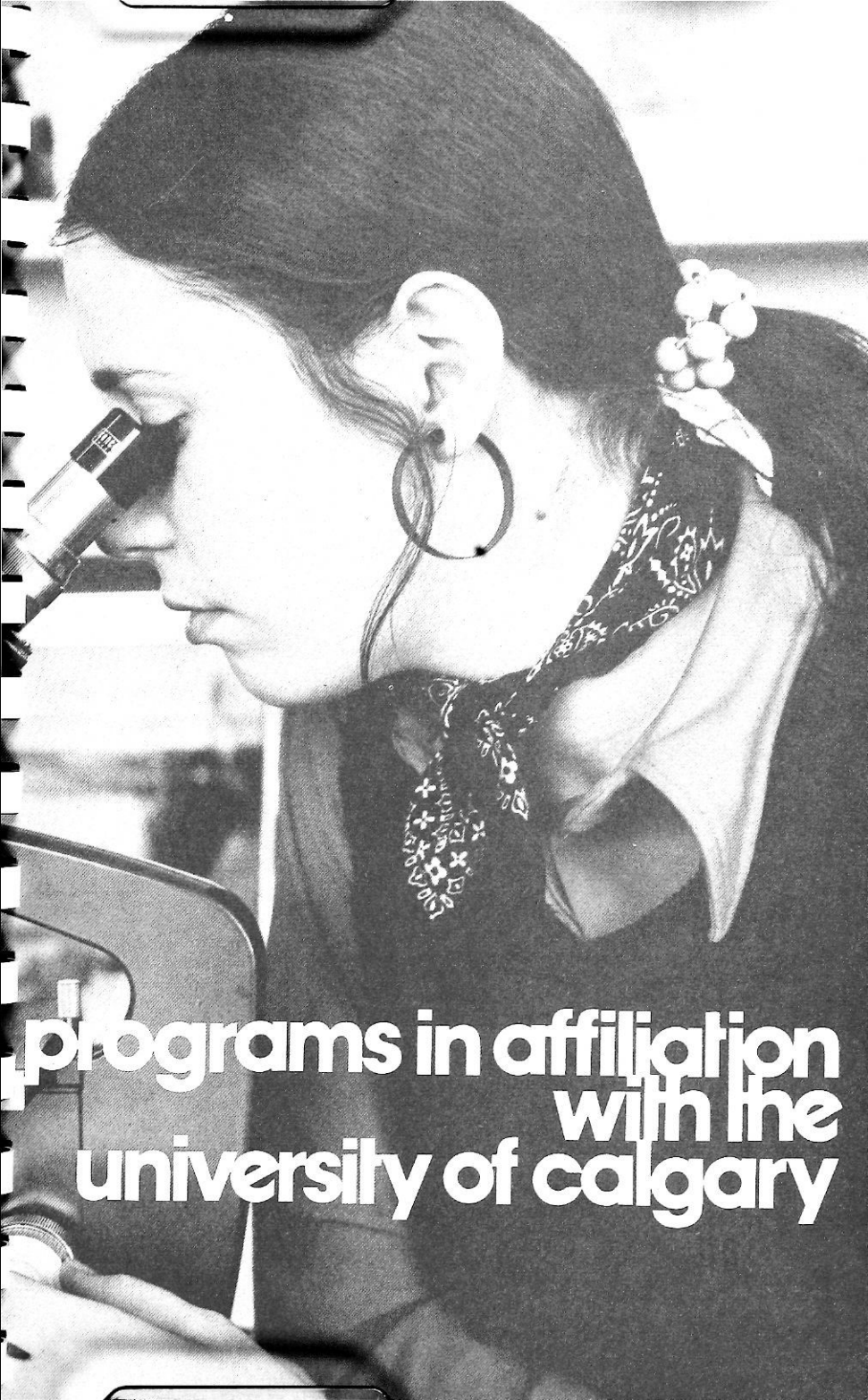
A high standard of performance is expected.

SPCH 1223 — Speech Science

3 hours instruction
(3 credits)
Spring

This course is a survey of the anatomy, psychology and physics of speech.

Note: A student may study under the auspices of the Conservatory of Music and Speech Arts and, upon successful completion of the course(s) and application to the Registrar and Admissions Office, receive College credit. Students taking the College two year diploma course are advised to take a third year of private instruction through the Mount Royal College Conservatory prior to writing Mount Royal College Conservatory, Toronto Conservatory and Trinity College examinations.



**programs in affiliation
with the
university of calgary**

PROGRAMS IN AFFILIATION WITH THE UNIVERSITY OF CALGARY

The following section describes University of Calgary degree programs which may be started at Mount Royal College. Under the terms of affiliation between Mount Royal College and the University of Calgary specified first year University of Calgary courses are offered at Mount Royal College. The manner in which such programs are to be conducted and the conditions under which students enrolled may expect recognition at the University of Calgary are specified in agreement with both schools.

Students of Mount Royal College are in no way considered students of the University of Calgary. Upon successful completion of their work at Mount Royal College, and the attainment of satisfactory standing on the final examination, these students may then apply for transfer to the University of Calgary for further studies. In order to transfer to the University of Calgary the student must have completed the matriculation requirements of the Faculty in which he intends to enroll or be recommended for admission (see below).

In addition to the courses listed in the following section, the University of Calgary is also prepared to grant credit for certain specified Mount Royal College courses to students who have satisfied the admission requirements of the University. Details as to which courses are acceptable and the conditions under which credits may be expected are available from the Admissions Office of either institution or The University of Calgary Transfer Guide.

ADMISSION REQUIREMENTS AND TRANSFER REGULATIONS

A student is admitted to University of Calgary approved courses if he meets one of the sets of criteria shown on Pages 16-18. Details regarding admission requirements to various faculties at the University of Calgary are shown below.

ADVANCE CREDIT LIMITATIONS

Subject to the regulations pertaining to admission to the University of Calgary, following is the maximum amount of advance credit the University of Calgary will award to Mount Royal College students:

- | | |
|------------------------------|--|
| Faculty of Arts and Sciences | — 10 junior courses. |
| Faculty of Education | — two years. Education students should note that it may not be possible to select two years of courses at M.R.C. that fit into the Bachelor of Education degree pattern. Consult the University of Calgary Calendar for details. |

ADMISSION REQUIREMENTS AND TRANSFER REGULATIONS

A student is admitted to University of Calgary approved courses if he meets one of three sets of criteria:

PROGRAM A:

Senior matriculation standing according to the faculty desired as specified by the University of Calgary. A student so admitted will be permitted to carry as many as five full University of Calgary courses.

PROGRAM C:

50% or higher standing in five matriculation subjects with an average of less than 60%.

Such a student would complete one or more Grade XII senior matriculation equivalents in order to gain a 60% average along with University of Calgary courses; the combined total not to exceed five courses in any session.

— OR —

Applicants with 50% or higher in acceptable Alberta Grade XII subjects (or equivalent) may take a combination of senior matriculation equivalents and University of Calgary courses; the total not to exceed five courses in any given session.

For example, a student with one deficiency would complete one senior matriculation equivalent and four University of Calgary courses for a total of five courses. A student with four deficiencies would only be allowed to complete one University of Calgary course.

The student admitted to Program C is responsible for clearing any matriculation deficiency. To do this, students in consultation with their academic advisors, will take appropriate courses, usually during the first semester. Normally C Program students will not be allowed to enroll in more than four full University of Calgary courses.

Students of Mount Royal College may clear their matriculation deficiency in the C Program by writing the appropriate Department of Education examination or by completing Mount Royal College courses deemed acceptable alternatives by the Alberta Colleges Commission. The Mount Royal College courses and the Department of Education courses they may be used in place of are listed below:

MOUNT ROYAL COLLEGE COURSES

MRC Biology 1110
MRC Chemistry 1180
MRC English 1180
MRC French 1111
MRC German 1111
MRC Mathematics 1179
MRC Mathematics 1180
MRC Physics 1180
MRC Social Science 1180
MRC Economics 1180

DEPARTMENT OF EDUCATION COURSES

Dept. of Education Biology 30
Dept. of Education Chemistry 30
Dept. of Education English 30
Dept. of Education French 30
Dept. of Education German 30
Dept. of Education Mathematics 30
Dept. of Education Mathematics 31
Dept. of Education Physics 30
Dept. of Education Social Studies 30
Dept. of Education Economics 30

Students who are eligible to use a non-departmental subject to clear their matriculation deficiency must complete an Alberta Department of Education five-credit Grade XII subject through the Department of Education or Economics 1180 as listed above.

For purposes of computing the matriculation average only, the University of Calgary will evaluate Mount Royal College course grades as indicated below. This must not be confused by students of Mount Royal College with the grading scale to which the College adheres.

MRC LETTER GRADE

A +
A
B +
B
C +
C
D +
D

PERCENT SCALE

90%
80
75
70
65
60
55
50

The student who fails to complete the matriculation requirement in the first semester may proceed as follows:

If the student originally presented four matriculation subjects and his fifth subject is still below 50%, he may write his university final examinations. He will not be permitted any further university work or transfer privileges to the University of Calgary until his deficiency is cleared, at which time the University will consider advance credit.

Note: Applicants seeking admission to the University of Calgary who have been granted exemption for senior matriculation subjects on the basis of Ordinary and Advanced Level subject equivalents are required to obtain 'C' or higher grades in all senior matriculation equivalent courses completed at Mount Royal College.

MATURE NONMATRICULATED STUDENT

Mount Royal College will be pleased to accept applications for entry to Programs A or C from students of mature age, who desire a university education, but who are unable to present complete matriculation. Such applicants must also consult with the appropriate faculty at The University of Calgary which they wish to eventually enter for a letter indicating their acceptability as a mature nonmatriculated student. Due to limited enrollments, the Faculties of Nursing and Social Welfare at The University of Calgary cannot grant mature students permission to attend Mount Royal College.

ADMISSION TO THE UNIVERSITY OF CALGARY BY RECOMMENDATION

Applicants who do not possess clear senior matriculation, but have completed successfully one year or more (five full courses or more) at Mount Royal College will be deemed to have satisfied the matriculation requirements of a faculty of The University of Calgary, provided the University receives a letter from the Registrar of Mount Royal College giving reasons why that person should be deemed to have satisfied matriculation requirements. Where these conditions are satisfied the person shall receive automatic admission to the appropriate faculty provided the faculty has no admission requirements other than matriculation requirements. *(See English Language Proficiency Requirements given below. Where selection procedures are involved in the admission to a faculty of The University of Calgary (presently the Faculty of Social Welfare and the Faculty of Nursing), the applicant shall be treated on the same basis as any other person seeking admission to that faculty.

In addition such students upon recommendation can receive up to five full courses of advance credit in the Faculty of Arts and Science provided the courses recommended are listed in The University of Calgary Transfer Guide or are University of Calgary courses as offered at the sending institution. Other undergraduate faculties at The University of Calgary are also prepared to consider the awarding of transfer credit.

ENGLISH LANGUAGE PROFICIENCY REQUIREMENTS

Applicants who have not been a resident of Canada, the United States, the United Kingdom, Australia, New Zealand or South Africa for five consecutive years prior to admission to The University of Calgary will be required to submit a satisfactory score on the Test of English as a Foreign Language (TOEFL). **No exceptions will be made to this regulation.** Applicants failing to submit a satisfactory score will be ruled inadmissible regardless of their attendance at a post-secondary institution in the province of Alberta or elsewhere.

STUDENTS WISHING TO TRANSFER TO THE UNIVERSITY OF CALGARY IN JANUARY

No applicant will be considered for admission to the Winter Session at The University of Calgary unless the Registrar's Office at The University of Calgary is in receipt of official transcripts from Mount Royal College prior to the start of the Winter Session at The University of Calgary. **Letters from instructors indicating final grades will not be accepted.**

FACULTY OF ARTS AND SCIENCE

Effective April 1st, 1976 the Faculty of Arts and Science at The University of Calgary will be divided into three separate Faculties (Humanities, Social Sciences and Science) and a University College. The regulations printed in this section of the Mount Royal College Calendar will be honored for those students entering Mount Royal College in September, 1976 or January, 1977. Students entering after these dates should consult the new 1977-78 calendar of The University of Calgary.

STANDARD ADMISSION:

Students from high schools in Alberta are admissible upon completion of Alberta Grade XII senior matriculation with an overall average of at least 60.0 and with a minimum mark of 50.0, or equivalent letter grade, in the following courses:

1. English 30

2. Mathematics 30

3,4,5. Three of: French 30, French 31, German 30, German 31, Hungarian 35, Latin 30, Ukrainian 30, Mathematics 31, Biology 30, Chemistry 30, Physics 30, Social Studies 30, one other five-credit Grade XII subject (excluding Special Project 30).

Note: A student may not present for admission two subjects in the same field (i.e. both English 30 and English 33); except for the following:

Two languages other than English (e.g. French 30 and French 31*), Mathematics 30 and Mathematics 31.

MATRICULATION STUDENTS FROM OUTSIDE ALBERTA:

Students whose matriculation credits are secured outside Alberta are required to meet standards equivalent to those for Alberta students.

MATRICULATION DEFICIENCY:

Except as provided below, no student will be admitted to the Faculty of Arts and Science at the University of Calgary with a matriculation deficiency.

***Note:** Effective January 1st, 1977 students presenting "one other five-credit Grade XII subject (excluding Special Project 30)" will be required to present a grade of 65.0% or equivalent in this subject and an average of 60.0% on their four other senior matriculation subjects.

Applicants who possess five senior matriculation subjects, and the required average, but have not successfully completed Mathematics 30 or equivalent at the senior matriculation level will **not** be admitted to the Faculty of Arts and Science unless such applicants possess advanced credits. Applicants admitted with a mathematics deficiency will be required to complete the non-credit course Mathematics 101 or equivalent successfully during their first registration in the Faculty. Failure to do so normally results in non-acceptance of further registrations in the Faculty.

Students of mature age (23 or above) whose high school preparation has not been regular may be, in exceptional circumstances, excused from presenting a complete matriculation. Such students should obtain written permission from the Faculty of Arts and Science at the University of Calgary before enrolling.

PROGRAMS OF STUDY

The Faculty of Arts and Science offers the following programs:

Type 1. (Degrees with a major)

General programs leading to the degree of B.A. or B.Sc. with specialization in a particular field of study which will be indicated with the degree and on a student's transcript, e.g. B.A. (History).

Type 2. (General Studies)

Programs leading to the degree of B.A. in General Studies or B.Sc. in General Studies, providing a broad liberal education without substantial specialization in a particular field.

Type 3. (Honours)

Honours programs leading to the degree of B.A. Honours in . . . or B.Sc. Honours in . . . The courses in such a program are prescribed mainly by the appropriate Department.

The programs are normally more demanding than those Types 1 and 2, and aim to give a sufficiently complete and well-balanced background in the field of major interest for entry to higher degree programs.

Type 4. (Second degree)

Programs leading to second baccalaureate degrees such as B.A. after B.Ed. B.A. after B.Sc., or B.Sc. after B.A.

All programs under 1, 2 or 3 above require the successful completion of the equivalent of twenty full courses. Since five courses constitute a full load for a student in one fall/winter session, these programs will usually take at least four years to complete.

Although considerable freedom exists in the choice of individual courses in degree programs, certain regulations exist to ensure that programs meet overall objectives and are adequately balanced, and also to establish minimum acceptable standards of students achievement. A specific objective of the regulations is to give students the opportunity to explore various disciplines at the beginning of their university career before deciding on those in which they wish to concentrate their further studies. Students who are reasonably certain of the Field in which they intend to concentrate are encouraged to seek departmental advice regarding their choice of courses.

COURSES AND THEIR CLASSIFICATION

Courses offered within the Faculty are described as offered in certain Fields of study (e.g. English, Chemistry, Political Science). The courses are grouped in three broad "Areas" corresponding roughly to (1) the Humanities, (11) the Social Sciences, and (111) the Natural Sciences, to facilitate the selection of courses (see regulations in the following pages).

Courses bearing the following titles are offered within the Area indicated.

Area I	Area II	Area III
English French German Philosophy	Economics *Geography (all courses except those in Area III) History Political Science *Psychology (all courses except those in Area III) Sociology	Biology Chemistry Geography 201, 203 Geology Physics *Psychology 215
Ungrouped: Pure Mathematics, Applied Mathematics, Computer Sciences, Statistics, Mathematics.		

[**Note:** All degree programs require the completion of at least two full course equivalents from each of the three Areas (see 1(d) (ii) under Regulations governing Type 1 Programs below) except that courses from the Fields of Mathematics, Pure Mathematics, Applied Mathematics, Statistics and Computer Science may be used to substitute for **one** of the required courses in each of **two** Areas. Other ungrouped courses and courses offered by other Faculties, if included in a program, may not be used to satisfy any part of the Area requirements.)

Courses offered by other faculties, if included in a program in accordance with the regulations set out below, will be regarded as ungrouped.

All titles listed above may be Major or Minor Fields of specialization for the purpose of degree program requirements.

*Certain titles appear twice, indicating that not all courses offered under those titles are classified in one area.

Courses normally available for credit towards a baccalaureate degree carry numbers from 200 to 599. Courses between 101 and 199 are usually designed to assist students without adequate background preparation in a particular field for direct entry to 200 level courses.

At the 100- and 200-level, only half-courses are offered, which carry half-course credit and occupy only one session. This allows beginning students considerable flexibility and scope in the choice of Fields for their first five equivalent full course credits, and an opportunity to re-evaluate their interests and adjust their programs after the experience of only one session instead of a full year.

REGULATIONS GOVERNING TYPE 1 PROGRAMS

Degrees with a Major Field]

STRUCTURE AND CONTENT OF PROGRAM

All new students who are admitted without advanced credits or advanced placement must normally register only in half-courses below the 300-level in their first two academic sessions (e.g. Fall and Winter Sessions). Permission to do otherwise must be obtained from the Dean. During these first two sessions the course selection may not include more than one full course equivalent in any one Field, more than two full course equivalents offered by any one Department, more than four full course equivalents from any one Area or more than one full course equivalent from other Faculties (see below for further statement concerning optional courses from outside the Faculty of Arts and Science).

Thus a student beginning a program with a full-time Fall/Winter Session registration would register in five half-courses in each of the sessions. Students who do not complete such a program in their first year are strongly advised to select further courses so that this will be achieved as soon as possible.

The total 20-course program must include the following:

- (i) a minimum of seven and a maximum of nine courses in the Major Field.
- (ii) at least two courses in each of the three Areas (but see Note under the heading "Courses and their Classification," above).
- (iii) at least ten senior courses (300-level or higher).
- (iv) no more than six courses in any one Field other than the Major Field.
(N.B. A student may, if he wishes, formally declare a Minor Field and have this officially recorded provided that he successfully completes at least five courses in that Field.)

Opportunity exists for inclusion in the program of up to three optional courses offered by other faculties. In special cases, following written application to the Dean, a student may be permitted to increase the number to five in order to complete the requirements for a Minor.

A student must declare his Major Field of concentration when registering for courses beyond the first five full-course equivalents. Although this declaration is not binding, students wishing to change their Major Field are advised that such a change may necessitate additional courses to meet graduation requirements.

Normally for the degree BA the total number of courses taken from Areas I and II must exceed the number taken from Area III. Conversely, for the degree B.Sc. the number of courses taken from Area III must exceed the total from Areas I and II. This applies even in those cases in which courses in the Major Field may be drawn from two different Areas (e.g. Geography). In the special case of a Major Field in either Pure Mathematics or Applied Mathematics, students should consult the Department concerning appropriate courses for a B.A. program or B.Sc. program.

REGULATIONS GOVERNING TYPE 2 PROGRAMS

[Degrees in General Studies]

STRUCTURE AND CONTENT OF PROGRAM

As under Degrees with a major except that no Major Field is declared and no more than six courses may be taken in any one Field.

REGULATIONS GOVERNING TYPE 3 PROGRAMS [HONOURS]

ADMISSION

The minimum Faculty requirement for admission to an Honours program is a grade point total of 15.0 (i.e. a grade point average of 3.00) following completion of the first five full-course equivalents (see 1(d) above). Students must fulfill any additional requirements set by the Department of their intended Major Field.

Beginning students who hope to apply for admission to an Honours Program are encouraged to seek advice from the department of their intended Field of specialization as to appropriate course selections at the 200 level in that Field.

REGULATIONS GOVERNING TYPE 4 PROGRAMS

[Leading to second degrees]

Students who have qualified for an approved degree (B.A., B.Sc., B.Ed., etc.) may proceed to a second baccalaureate degree in the Faculty of Arts and Science by completing the requirements for the degree sought (see Program Types 1, 2, and 3 above). Up to twelve courses approved for credit in the Faculty of Arts and Science, and already completed, may be counted towards the second degree.

FACULTY OF BUSINESS

STANDARD ADMISSION:

Students from high schools in Alberta are admissible upon completion of Alberta Grade XII senior matriculation with an overall average of at least 60.0 and a minimum mark of 50.0, or equivalent letter grade, in the following courses:

1. English 30
2. Mathematics 30

3,4,5. Three of: French 30, French 31, German 30, German 31, Hungarian 35, Latin 30, Ukrainian 30, Mathematics 31, Biology 30, Chemistry 30, Physics 30, Social Studies 30, one other five-credit Grade XII subject (excluding Special Project 30). It is strongly recommended that two of the three options consist of Mathematics 31 and a science.

Note: A student may not present for admission two subjects in the same field (i.e. both English 30 and English 33); except for the following:

Two languages other than English (e.g. French 30 and French 31*), Mathematics 30 and Mathematics 31.

Note: Effective January 1st, 1977 students presenting "one other five-credit Grade XII subject (excluding Special Project 30)" will be required to present a grade of 65.0% or equivalent in this subject and an average of 60.0% on their four other senior matriculation subjects.

PROGRAM OF STUDIES

For students beginning at Mount Royal College:

English 201 (U of C)/Philosophy 2205

Pure Mathematics 227/229* (U of C)

Economics 2201/2203

Accounting 203/205** (U of C)

Business 201*** / Business Law 395**** (U of C)

* Math 2251/2253 — acceptable alternative.

** Mount Royal College Administration 1120/1220 — acceptable alternative (See Note 1).

*** Mount Royal College Administration 1131 — acceptable alternative (See Note 1).

**** Mount Royal College Administration 1230 — acceptable alternative (See Note 1).

Note 1: In order to obtain transfer credit Mount Royal College students must obtain a C or higher grade in the following courses: Administration 1120/1131/1220/1230.

Transfer to the University of Calgary:

Students must have a **cumulative** grade point average of 2.0 to transfer to the Faculty of Business at the University of Calgary.

FACULTY OF EDUCATION

STANDARD ADMISSION FOR SEPTEMBER, 1976

Students from high schools in Alberta are admissible on presentation of Alberta Grade XII senior matriculation with an overall average of at least 60.0 and with 50.0 or equivalent letter grade standing in the following courses:

English 30.

Four of: Social Studies 30, French 30, Ukrainian 30, Hungarian 35, Latin 30, Chemistry 30, Physics 30, Biology 30, Mathematics 30, Mathematics 31, a 5-credit Grade XII subject (excluding Special Project 30).

Note: A student may not present for admission two subjects in the same field (i.e. both English 30 and English 33); except for the following:

Two languages other than English (e.g. French 30 and French 31) Mathematics 30 and Mathematics 31.

Note: A student may not present for admission more than one of Hungarian 35, Russian 35 or Spanish 35 as a matriculation subject; nor will more than three languages other than English be allowed to constitute senior matriculation.

STANDARD ADMISSION FOR JANUARY 1, 1977

Group A Subjects

(Minimum Acceptable

Grade — 50%)

Social Studies 30

Mathematics 30

Mathematics 31

Biology 30

Chemistry 30

Physics 30

Languages other than

English at 30 level

Group B Subjects

(Minimum Acceptable

Grade — 65%)

Other five-credit

Grade XII subjects

(excluding Special

Projects 30)

Students from high schools in Alberta are admissible upon presentation of Alberta Grade XII senior matriculation with an overall average of at least 65.0 percent in the following five subjects:

1. English 30 (minimum grade of 60.0% or equivalent required).
2. One of Mathematics 30, Mathematics 31, Biology 30, Chemistry 30 or Physics 30.
- 3,4,5. Three subjects from Group A (excluding subject used under Number 2. above)
OR Two subjects from Group A (excluding subject used under Number 2. above)
and one subject from Group B.

NOTES:

1. Students presenting one subject from Group B must have a 60 percent average on the four other subjects being presented for admission. The average on all five subjects must be 65 percent.
2. Candidates intending to major in biological sciences should present Chemistry 30 or equivalent.
3. Candidates intending to major in physical sciences should present Chemistry 30, Physics 30 and Mathematics 30 or equivalents. In addition, Mathematics 31 is desirable.
4. Candidates intending to major in mathematics should present Mathematics 31 in addition to Mathematics 30.
5. Candidates intending to major in music should apply to the Department of Music, University of Calgary, for auditions and entrance examination in performance and theory. These examinations will be given in May and September only. For dates consult the faculty of Fine Arts Section in the University of Calgary Calendar.
6. Applicants (age 20 or over) will not be required to present a high school diploma, but other requirements still apply.
7. New applicants who completed their matriculation requirements more than ten years ago and have not attended an institution of higher learning since that date are advised to obtain an interview with the Faculty of Education Office, University of Calgary.
8. Speech Test. All students in their first year in this faculty must take a speech proficiency test, and neither certificate nor degree with certificate will be recommended until a pass is achieved in this test.

RECOMMENDED PROGRAM OF STUDIES

For students beginning at Mount Royal College

YEAR 1

Junior English or Arts and Science Option

Major

Arts and Science Option

Arts and Science Option

Major or Arts and Science Option

NOTES:

1. The calendar entry "Arts and Science" options should be understood to include options in Arts and Science, Physical Education and Fine Arts and, where approved, up to two courses in any one such area as Business or Social Work.
2. Senior courses may not be taken in the first year without the consent of the department teaching the course and the Faculty of Education Office.
3. No credit will be given towards the B.Ed. degree for University of Calgary courses or equivalent at the 100 level. All such courses are described as extra to degree.
4. A maximum of five full or equivalent junior university courses will be accepted on the regular four-year B.Ed. degree programme. The Faculty of Education accepts for credit only one full Junior English course or equivalent.
5. No applicant will be considered for admission to the Faculty of Education unless they have a **cumulative** grade point average of 2.0. Applicants with less than a 2.0 grade point average will only be considered if extenuating circumstances warrant such consideration.

General Notes:

A. STANDARD ELEMENTARY B.Ed. ROUTE

1. Students with a major in Reading, Language or Early Childhood Education must include one full junior English course.
2. A Fine Arts course or Physical Education course may be taken instead of an Arts and Science course with approval of the student's advisor. Students choosing Physical Education as an option should consult the School of Physical Education at the University of Calgary for course selection.
3. At least three courses in the major field must be completed by the end of the second year.
4. Please contact the Faculty of Education at the University of Calgary for graduation requirements.

B. STANDARD SECONDARY B.Ed. ROUTE

1. A Fine Arts option or Physical Education option may be taken instead of an Arts and Science option with the consent of the advisor.
2. Students majoring in English must include a full junior English course in the first year.
3. Course Requirements for Graduation — Seven courses in the major field selected from the pattern for the major.
4. At least three courses in the major field must be completed by the end of the second year.

FACULTY OF MEDICINE THE UNIVERSITY OF CALGARY

ADMISSION REQUIREMENTS

Period of University Education:

Applicants should ordinarily have completed, as a minimum, three full years of university education beyond senior matriculation (Alberta grade 12 or equivalent). In the case of exceptional and academically well qualified applicants, the Admissions Committee may waive this requirement.

Content of University Education:

It is assumed that most applicants will have selected a program in Arts and Science. The Faculty of Medicine has not established a formal premedical program in these areas. Rather, it recommends the courses listed in the following section as providing the necessary background for medical studies.

Students should ensure that courses chosen will satisfy the degree requirements of the undergraduate faculty in which they are registered.

RECOMMENDED COURSES

Applicants should satisfy the Admissions Committee that they are well-prepared academically for entry into the Faculty of Medicine. Such preparation ordinarily will include a full university course in each of:

- General Chemistry
- Organic Chemistry
- Biochemistry
- Psychology (and/or Sociology/Anthropology)
- English
- General Biology
- Mammalian Physiology or Comparative Physiology

Courses in mathematics and physics beyond high school level should be considered.

The above paragraphs notwithstanding, the Admissions Committee will consider applications from superior students who have completed other educational programs. In the event their application is successful, such students will be required, through conventional or special courses, to satisfy specific deficits during the summer preceding admission. IN GENERAL, HOWEVER, STUDENTS WHO ARE CONTEMPLATING UNUSUAL PATTERNS OF "PREMEDICAL" EDUCATION, SHOULD CONSULT WITH FACULTY OF MEDICINE BEFORE ENGAGING IN SUCH STUDIES.

FACULTY OF ENVIRONMENTAL DESIGN THE UNIVERSITY OF CALGARY

The Faculty of Environmental Design offers the Master's degree in Environmental Design in the areas of architecture, urbanism and environmental science. The Faculty accepts students with recognized degrees from any major university. To be admitted to the Faculty of Environmental Design, an applicant must normally have obtained a baccalaureate degree from a recognized university with a grade point average in his final two years of study of at least 3.0 or qualification of equivalent standing.

Interested students should consult directly with the Faculty Office, The University of Calgary.

FACULTY OF NURSING

THE UNIVERSITY OF CALGARY

The Faculty of Nursing offers a four-year basic program leading to the Bachelor of Nursing degree. Details of this program may be obtained by contacting the General Office, Faculty of Nursing, The University of Calgary, or the Admissions Office.

FACULTY OF PHYSICAL EDUCATION

STANDARD ADMISSION

Students from high schools in Alberta are admissible on presentation of Alberta Grade XII Senior Matriculation with an overall average of at least 60.0 and with a 50.0 or equivalent letter grade standing on the following courses:

1. English 30
2. Chemistry 30 or Biology 30
- 3,4,5. Three of: Biology 30 (if not used as 2. above), Chemistry 30 (if not used as 2. above), Mathematics 30, Mathematics 31, Physics 30, Social Studies 30, French 30, German 30, Latin 30, Ukrainian 30, Hungarian 35, one other five-credit Grade XII subject (excluding Special Project 30).

Note: A student may not present for admission two subjects in the same field (i.e. both English 30 and English 33); except for the following:

Two languages other than English (e.g. French 30 and French 31*), Mathematics 30 and Mathematics 31.

Note: Mathematics 30 is compulsory for entry into the four year Honours BPE program. Admission into Honours program will only be entertained after successful completion of the first two years (or equivalent) of the General Bachelor of Physical Education program.

Note: Effective January 1st, 1977 students presenting "one other five-credit Grade XII subject (excluding Special Project 30)" will be required to present a grade of 65.0% or equivalent in this subject and an average of 60.0% on their four other senior matriculation subjects.

TEACHER EDUCATION IN PHYSICAL EDUCATION

A major in physical education is offered to students in the elementary route, and those taking other elementary majors may elect to enroll in optional elementary physical education courses.

Students in the secondary route in the Faculty of Education may take courses in physical education as approved options in their Bachelor of Education degree programs.

Normally, teachers qualifying to teach physical education in the secondary schools will be expected to complete the Bachelor of Physical Education degree before enrolling in the Faculty of Education.

PROGRAM OF STUDIES

For Students Beginning At Mount Royal College

The Faculty of Physical Education at the University of Calgary offers a three year professional course leading to a degree of Bachelor of Physical Education and a four year professional course leading to a degree of Bachelor of Physical Education (Honours).

Students are advised to contact the Chairman of Leisure Education/Physical Education of Mount Royal College for advice on course selection.

FACULTY OF SOCIAL WELFARE THE UNIVERSITY OF CALGARY

The Faculty of Social Welfare offers a four year program leading to a Bachelor of Social Work degree. Enrollment is limited. Details of this program may be obtained from The University of Calgary calendar or the Faculty of Social Welfare Office, The University of Calgary.

All students (except mature non-matriculated adults) are admitted to the BSW degree programme following the completion of not less than one year of university study or its equivalent. During their first year of university studies students should register in the Faculty of Arts and Science. The following first year courses are recommended for students interested in social work:

Social Work 201 (U of C)
Psychology 205 (U of C)
Sociology 201 (U of C)
Economics 201 (U of C)
Political Science 221 (U of C)

Please note that the deadline date for applications to the Faculty of Social Welfare at the University of Calgary is March 31st.

STUDENTS CAN NORMALLY BEGIN THE FOLLOWING PROGRAMS OF STUDIES AT THE UNIVERSITY OF CALGARY OR MOUNT ROYAL COLLEGE. THE PROGRAMS WILL, HOWEVER, BE COMPLETED AT A UNIVERSITY OTHER THAN THE UNIVERSITY OF CALGARY.

FACULTY OF AGRICULTURE AND FORESTRY THE UNIVERSITY OF ALBERTA, EDMONTON

A first year may be taken at Mount Royal College which will normally enable students to transfer into the second-year of Agriculture or Forestry programs at The University of Alberta. Students who wish to make use of this opportunity should seek initial admission in the normal way to a B.Sc. program in the Faculty of Arts and Science and upon completion of the appropriate first year should apply for admission to the Agriculture or Forestry programs at The University of Alberta with transfer of credit.

Student Guidance

Students interested in either of these programs should obtain the Calendar for the Faculty of Agriculture and Forestry from the Registrar at the University of Alberta.

The Dean of the Faculty of Agriculture and Forestry will be pleased to confer with prospective Agriculture students in Edmonton at any time. Similarly the Chairman of the Department of Forest Science will be pleased to confer or correspond with students interested in the program in Forestry.

Students of the second, third and fourth years in Agriculture will be assisted and guided in connection with their registrations by members of the agricultural Registration Committee, The University of Alberta.

BSc in Agriculture

Students at Mount Royal College are advised to register in the following courses:

Economics 2201 and 2203

Chemistry 2201 and 2203

Mathematics 2251 together with Mathematics 2253 or Statistics 213 (U of C).

Biology 2201 and one additional half-course in Biological Science.

Students presenting other first year programs from Mount Royal College may be accepted by the Faculty of Agriculture and Forestry, The University of Alberta, but they should note that they may not receive credit for all their courses.

BSc in Forestry

Students at Mount Royal College who have Biology 30, Chem 30, English 30 and Math 30 should register in the following courses:

Biology 1210

Chemistry 1210 or 2201

Chemistry 1212 (preferred) or 1211 or 2203

Computing Science 1181

Economics 1110 or 2201

Economics 1111 or 2203

Mathematics 1120 or 2251

Mathematics 1224

One of English 1210, 1211, 1212, 1213, 1214, 1215, 1216, 1217, 1218, 1219, 1220, 1221 or 1231.

One of Sociology 1110 or 2201 or Psychology 1110 or 2205

Students without Biology 30 should take Biology 1110 in place of Sociology or Psychology course.

Students without Chemistry 30 should take Chemistry 1180 and Mathematics 1240 instead of the two chemistry courses above.

Students without Mathematics 30 should take Mathematics 1179 instead of the Sociology or Psychology course.

Students presenting other first year programs from Mount Royal College may be accepted into the Forestry Program, The University of Alberta, but they should note that they may not receive credit for all their courses.

It should be made clear that acceptance of transfer students cannot be guaranteed on the basis of any minimum academic achievement level. Should limitations on total enrollment become necessary for any reason in either the Agriculture or Forestry programs, selection would be based partly on relative academic performances.

VETERINARY MEDICINE ONTARIO VETERINARY COLLEGE, GUELPH;

WESTERN COLLEGE OF VETERINARY MEDICINE, SASKATOON

Facilities of the Ontario Veterinary College are limited and because of the great current interest in veterinary medicine comparatively few students from Alberta are likely to be admitted to that institution, with or without advanced standing.

A new college of Veterinary Medicine has been established at the University of Saskatchewan. Anyone requiring more detailed or specific information is advised to write directly to:

The Dean, College of Veterinary Medicine,
University of Saskatchewan, Saskatoon.

ADMISSION

Students from high schools in Alberta are admissible upon completion of Alberta Grade XII senior matriculation with an overall average of at least 60.0 and with a minimum mark of 50.0, or equivalent letter grade, in the following courses:

1. English 30
2. Mathematics 30
3. Chemistry 30
4. Biology 30
5. One of Physics 30, Social Studies 30, or a language other than English.

ADMISSION REQUIREMENTS

Two full years of university training are required for admission to the Western College of Veterinary Medicine, during which credit must be secured for the number of courses, customarily considered a standard load in the curriculum in which they are obtained.

The program of study must include the equivalent of the following University of Calgary courses:

English — Any two of 201, 231, 233; or English 200.

Biology — 201, 311, Zoology 273 plus one additional full course.

Chemistry — 201, 203, 351, 353.

Physics — 221 or 231 followed by 223.

Mathematics — One full course equivalent e.g. Mathematics 251, and one of Mathematics 253, Applied Mathematics 205, Pure Mathematics 215 or Statistics 211.

Electives — Sufficient to complete ten full course equivalents.

All courses must be beyond the senior matriculation level.

Students are advised to consult the course outline in the first two years of the recommended Animal Biology program (see University of Calgary Calendar). In this way, students are satisfying the requirements for both pre-Veterinary Medicine and an Animal Biology Major program.

Students are reminded that acceptance into a program of Veterinary Medicine cannot be guaranteed on the basis of any minimum academic achievement level. Should any limitations be necessary for any reason, selection would be based mainly on relative academic performances.

BSc IN FOOD SCIENCE

UNIVERSITY OF ALBERTA

A four-year interdisciplinary program in Food Science is offered cooperatively by the Faculty of Agriculture and Forestry, the School of Household Economics and the Faculty of Science at the University of Alberta in Edmonton. The program is administered from the Department of Food Science of the Faculty of Agriculture. It allows students to specialize in this expanding field including: food chemistry, food engineering, food microbiology and food processing.

Matriculation requirements for the program are:

1. English 30
2. Chemistry 30
3. Two of: Biology 30, Chemistry 30, Mathematics 30, Mathematics 31, Physics 30. (Biology 30 and Mathematics 30 are suggested).
4. One other subject from 3 (above) or one of: Social Studies 30, a Foreign Language 30.

All subjects must be over 50% and the overall average must be 60%.

Program of Studies

Students beginning at Mount Royal College should select the following Mount Royal College courses:

U of A Course

Chemistry
Biology
Mathematics 203 & 204
(or 101, 202, 204)
Chemistry 250

MRC Course

Chemistry 2201/2203
Two of Biology 2201, Botany 2225,
Zoology 2273
Mathematics 2251/2253
No equivalent

SCHOOL OF NURSING

THE UNIVERSITY OF ALBERTA

B.Sc. IN NURSING [Post Basic Program for Registered Nurses]

The B.Sc. in Nursing degree program for Registered Nurses offered by the University of Alberta, Edmonton is 12 full courses in length and will normally require two calendar years to complete. All Nursing subjects must normally be taken at the University of Alberta and, because they are prerequisites to one another, will take two academic years to complete. At least one year of the program must be spent as a full-time student at the University of Alberta.

In addition to possessing the academic qualifications specified in 13.1 and 13.14 of the University of Alberta Regulations and Information for Students Calendar, the applicant must be a Registered Nurse from an approved school of nursing, and must provide evidence of eligibility for registration in the Alberta Association of Registered Nurses, and evidence of active registration or licensure in a Canadian nursing association or college.

In exceptional circumstances, admission may be granted, on an individual basis after consultation with the Student Counselling Services, to an applicant who presents evidence of professional competence and ability to profit from University study. These applicants will be admitted as Non-Matriculated Adult students.

Persons interested in making subsequent application for admission to this program may register at Mount Royal College in order to take courses which, upon acceptance into the University of Alberta B.Sc. in Nursing degree program, will be accepted for advanced credit. Equivalents to the following University of Alberta courses may be taken at Mount Royal College, if they are offered.

U of A School of Nursing Requirements	Mount Royal College Equivalent
An approved Psychology Course	Psychology 2205
Science Option (two full	Biology 2201 and Botany 2225
courses required)	Biology 2201 and Zoology 2273
	OR Biology 2201 and Microbiology 2241
	OR Geography 2201 and 2203
	OR Geology 2201 and 2209
	OR Chemistry 2201 and 2203

NOTE A: Information regarding the program and/or approval in principle of specific Mount Royal College courses for which advanced credit may be offered in the B.Sc. in Nursing degree program for Registered Nurses at the University of Alberta upon subsequent admission to the program may be obtained by writing:

Post-Basic Program Co-ordinator
School of Nursing
The University of Alberta
Edmonton, Alberta T6G 2G3

NOTE B: Applications for admission to the University of Alberta B.Sc. in Nursing degree program for Registered Nurses, must be submitted no later than May 1st to: Office of the Registrar, University of Alberta, Edmonton, Alberta.

PHARMACY

UNIVERSITY OF ALBERTA, EDMONTON

A modified first year suitable for prospective pharmacy students may be taken at Mount Royal College. However, students wishing to transfer to the Faculty of Pharmacy at The University of Alberta will compete for admission on an equal basis with all other students seeking transfer into that program. The University of Alberta gives first priority to Alberta students applying directly from high school and only second priority to Alberta transfer students. For further details please contact the Faculty of Pharmacy at The University of Alberta or the Faculty of Arts and Science at The University of Calgary as early as possible.

1. The High School Diploma with an overall average of at least 60.0 and with a minimum mark of 50.0 or equivalent letter grade, in the following courses.
 1. English 30
 2. Chemistry 30
 3. Mathematics 30
 4. Physics 30 or Biology 30 (recommended) or Mathematics 31
5. One course from the following list:
 - (a) The course from item 4 not previously elected.
 - (b) French 30, German 30, Latin 30, Ukranian 30, or another language other than English at an equivalent level.
 - (c) Social Studies 30, Art 30, Art 31, Commercial Art 32, Drama 30, Music 30, Music 31, Performing Arts 32.

It is recommended that BOTH Physics 30 and Biology 30 be included.

PROGRAM OF STUDIES

The modified first year program for prospective pharmacy students available at Mount Royal College is as follows:

1. Chemistry 2201 and Chemistry 2203.
2. Mathematics 2251.
3. One half-year course in either Physics or Mathematics.
4. Bilolgy 2201 and one of Zoology 2273 or Botany 2225.
5. Economics 2201/2203.

Note: It is also highly desirable for a student to have credit in Chemistry 351 and Chemistry 353 before transferring to the Faculty of Pharmacy and Pharmaceutical Sciences, University of Alberta, in Edmonton. These courses may be available in the Summer Session at The University of Calgary.

DENTISTRY AND MEDICINE

THE UNIVERSITY OF ALBERTA,

EDMONTON

Applicants for admission to the Faculties of Dentistry and Medicine at The University of Alberta, Edmonton, may complete the required pre-professional studies for admission at The University of Calgary in the Faculty of Arts and Science. The first year of this program may be completed at Mount Royal College.

Students who expect to apply for admission to the faculties of Dentistry or Medicine from the Faculty of Arts and Science must register in one of the programs for the B.A. or B.Sc.

The requirements for admission to the Faculties of Dentistry or Medicine are at least two years of university training, with appropriate standing and credit in Chemistry 201, 203, 351 and 353; one full course equivalent in Physics; and Biology 201 and Zoology 273.

Students must choose a principal subject (including these courses) which they would be satisfied to complete if they were not admitted to the Faculties of Dentistry or Medicine.

FACULTY OF LAW

THE UNIVERSITY OF ALBERTA

Admission to the Faculty of Law is based upon the student's academic record along with the Law School Admission Tests score. Generally, a student must have completed an undergraduate degree or two years of a programme leading to a Bachelor of Arts degree or its equivalent. The last two years of a student's university education are used as a basis for determining academic standing unless the Admissions Committee is of the opinion that the courses are not of a rigorous academic nature so as to be indicative of the student's abilities in law school. It has been the practice of the Admissions Committee to reserve ten per cent of the places in law school for mature and native applicants who cannot meet the general admission requirements and a further ten per cent of the places for non-resident applicants. The admission requirements may vary from year to year depending upon the directives of the Law Faculty Council, and students who are interested in obtaining more detailed information are advised to contact the Dean of the Faculty of Law at the University of Alberta.

PRE-ARCHITECTURE REQUIREMENTS THE UNIVERSITY OF BRITISH COLUMBIA

The admission requirement of the School of Architecture at the University of British Columbia is a baccalaureate degree in Arts, Science or Applied Science. Applicants will be considered providing they obtain an average of at least 65% computed on the courses of the final two years of study. There are no specific course requirements.

The last day for receipt of applications for admission is April 30.

INTERIOR DESIGN ADMISSION REQUIREMENTS OF THE UNIVERSITY OF MANITOBA

Application for admission to the University of Manitoba on the basis of certificates from out-of-the-province will be considered on their merits. In general, students from outside the province who apply for admission to the University of Manitoba are required to have met the minimum requirements for admission to the university in their own locality. In addition, they must also have met the academic requirements laid down by the Faculty or School to which they are seeking admission.

The following certificate is usually accepted as equivalent to Manitoba: Grade XII Alberta with 5 subjects and an overall average of 60%.

PRE-ARCHITECTURE REQUIREMENTS OF THE UNIVERSITY OF MANITOBA

The Department accepts applications from candidates who have obtained their Bachelor of Arts or Bachelor of Science and other first degrees into the architectural program on the condition that they do a pre-Architecture year to take courses in which they are deficient. Upon completion of this year the candidate is then admitted into the first year of the three-year professional course in Architecture.

The first year is a probationary year.

University of Calgary Approved Courses Offered by Mount Royal College

Unless otherwise indicated, these courses are the one semester in length and will be offered in each semester.

ANTHROPOLOGY [ANTH]

ANTH 2209 — Anthropology: The Biological Perspective
[U of C ANTH 209]
[formerly MRC 2201]

2 hours lecture
1 hour tutorial
(3 credits)
Fall and/or Spring

A history and description of the evolution of man, the role of bio-social phenomena in the evolution of his physical structure and social behavior, and a consideration of the origins of culture.

Note: Not open to students with credit in Anthropology 2201.

BIOLOGY [BIOL]

BIOL 2201 — Principles of Biology
[U of C BIOL 201]

3 hours lecture
3 hours lab
1 hour tutorial
(4 credits)
Fall and/or Spring

The fundamentals of modern biology, emphasizing the molecular and cellular aspects. This is an integrated course designed to prepare the student for further study in biology.

BOTANY [BTNY]

BTNY 2225 — Plant Biology
[U of C BOTANY 225]

3 hours lecture
3 hours lab
(4 credits)
Spring

The interrelationships between form and function of the living plant. This approach includes an introduction to the concepts of the morphology, physiology, and evolution of the plant kingdom.

Prerequisite: Biology 2201.

CHEMISTRY [CHEM]

CHEM 2101 — Introductory Chemistry
[U of C CHEM 101]

3 hours lecture
1 hour seminar
(0 credit)
Spring

Open only to students who do not have credit in Chemistry 30, or who require a refresher course in Chemistry at the elementary level. A review of basic chemistry designed to prepare students for Chemistry 2201. Not available to those students entering the Faculty of Education at U of C.

CHEM 2201 — General Chemistry I**[U of C CHEM 201]**

3 hours lecture
3 hours lab
(4 credits)
Fall and/or Spring

Lectures: Basic chemical concepts with emphasis on atomic and molecular structure; nuclear chemistry; chemical bonding and stoichiometry; elementary energy concepts; the states of matter and phase changes; properties of solutions. This course is a prerequisite for the majority of other Chemistry courses.

Laboratory: Experiments designed to illustrate the lecture material, and to develop skill in using basic laboratory apparatus.

Pre-requisites: Chemistry 30 (or Chemistry 2101) and Mathematics 30. Mathematics 31 is strongly recommended. (Students who plan to continue into Chemistry 2203 are advised to take Mathematics 2251 or, if they have already taken this or have advanced placement, Mathematics 2253, concurrently with Chemistry 2201.)

CHEM 2203 — General Chemistry II**[U of C CHEM 203]**

3 hours lecture
3 hours lab
(4 credits)
Spring

Lectures: A continuation of Chemistry 201 with emphasis on molecular dynamics; acid-base and solubility equilibria; elementary thermodynamics; chemical kinetics; electrochemistry and concepts of oxidation and reduction.

Laboratory: Experiments designed to illustrate the lecture material and to develop skill in using basic laboratory apparatus.

Pre-requisite: Chemistry 2201.

Pre- or Co-requisite: Mathematics 2251. (Students who plan to take senior courses in Physical Chemistry are advised to take Mathematics 2253 and Pure Mathematics 2215 in first year.)

ECONOMICS [ECON]

ECON 2201 Principles of Microeconomics**[U of C ECON 201]**

3 hours lecture
1 hour tutorial
(3 credits)
Fall and/or Spring

Principles of consumption, production, exchange; market and firm equilibrium under different competitive conditions. These principles are applied to various contemporary problems in the Canadian economy, such as the changing structure of agriculture, foreign ownership and control, and pollution.

Not available for credit to students with credit in Economics 206 or 300 (U of C).

ECON 2203 — Principles of Macroeconomics**[U of C ECON 203]**

3 hours lecture
1 hour tutorial
(3 credits)
Fall and/or Spring

National income determination, the monetary and banking system, and elementary fiscal and monetary policies. Contemporary problems of unemployment, inflation, economic growth, business cycles, and the international economy.

Not available for credit to students with credit in Economics 206 or 300 (U of C).

ENGLISH [ENGL]

ENGL 2231 — The Novel and the Short Story

3 hours instruction
(3 credits)
Fall and/or Spring

English 2231 provides an introduction to the study of two prose genres, the novel and the short story. Several novels and short stories will be studied, and essay assignments will provide students with opportunities to develop critical skills.

ENGL 2233 — Drama and Poetry

3 hours instruction
(3 credits)
Spring

English 2233 provides an introduction to the study of two genres, drama and poetry. Several dramatic works and the works of several poets will be studied. Essay assignments will provide students with opportunities to develop critical skills.

FRENCH [FREN]

FREN 2101 — Beginners' French I

[U of C FREN 101]

3 hours lecture
2 hour lab
(3 credits)
Fall and/or Spring

This course is designed for students who have no knowledge of the language or whose preparation in it amounts to less than Grade XII French.

Students with French 30 or 31 or the equivalent may not take this course for credit.

Not available for credit to those students entering the Faculty of Education at the University of Calgary.

FREN 2103 — Beginners' French II

[U of C FREN 103]

3 hours lecture
2 hour lab
(3 credits)
Fall and/or Spring

A continuation of French 2101.

Pre-requisite: French 2101, or consent of the Department.

Students with French 30 or 31 or the equivalent may not take this course for credit.

Not available for credit to those students entering the Faculty of Education at the University of Calgary.

FREN 2205 — First-year University French I

[U of C FREN 205]

3 hours lecture
1 hour lab
(3 credits)
Fall and/or Spring

Training in comprehension, speaking, reading, and writing of French.

Pre-requisite: French 30, or French 2103, or consent of the Department.

FREN 2207 — First-year University French II

[U of C FREN 207]

3 hours lecture
1 hour lab
(3 credits)
Spring

A continuation of French 2205.

Pre-requisite: French 2205 or consent of the Department.

GEOGRAPHY [GEOG]

GEOG 2201 — Man and Environment I **[U of C GEOG 201 Area III]**

3 hours lecture
2 hours lab
(4 credits)
Fall and/or Spring

Introduces physical elements of the environment such as climate, landforms, soils and vegetation. Processes producing variations of these elements on the surface of the earth will be studied, and throughout the course environmental interrelationships will be stressed. An attempt will be made to analyze the causes of environmental problems that affect man.

GEOG 2203 — Man and Environment II **[U of C GEOG 203 Area III]**

3 hours lecture
2 hours lab
(4 credits)
Fall and/or Spring

The study of man, his origins, culture, technology, economy and impact on the environment. The manner in which man attempts to impose order upon the surface of the earth. Concepts of relative location will be introduced with particular regard to both the external orientation and the internal organization of urban areas. Some emphasis will be placed on student projects in the laboratories.

GEOLOGY [GEOL]

GEOL 2201 — Physical Geology **[U of C GEOL 201]**

3 hours lecture
3 hours lab
(4 credits)
Fall and/or Spring

Principles of physical geology; the basic rock and mineral constituents of the earth's crust; constructive and destructive forces including volcanism, glaciers, streams, etc., deformation, erosion, deposition; structure of the earth's interior; mineral and other geologic resources.

GEOL 2205 — Historical Geology **[U of C GEOL 205]**

3 hours lecture
3 hours lab
(4 credits)
Fall, Spring & Summer

Principles of historical geology; the stratigraphic column and evolution of the major animal groups from Precambrian times to recent; the physical evolution of North America; models of global tectonics (continental drift, ocean floor spreading) moon geology and meteorites; concentration of natural resources by geological processes during earth history.

Pre-requisite: Geology 2201.

GERMAN [GERM]

GERM 2205 — Beginners' German I
[U of C GERM 205]

3 hours lecture
2 hours lab
(3 credits)
Fall and/or Spring

Imparts on the introductory level an active, practical skill in the use of the spoken and written word, using material from everyday situations.

Not open to students with credit in German 2101.

GERM 2207 — Beginners' German II
[U of C GERM 207]

3 hours lecture
2 hours lab
(3 credits)
Spring

A continuation of German 2205.

Pre-requisite: German 2205.

Not open to students with credit in German 2103 (discontinued).

GERM 2225 — First-year University German I
[U of C GERM 225]

3 hours lecture
1 hour lab
(3 credits)
Fall and/or Spring

Develops the student's ability in speaking, reading and writing German, using modern short stories, cultural readers and visual aids.

Not open to students with credit in German 2201 (discontinued).

Pre-requisite: German 30.

GERM 2227 — First-year University German II
[U of C GERM 227]

3 hours lecture
1 hour lab
(3 credits)
Spring

A continuation of German 2225.

Pre-requisite: German 2225.

Note: A student cannot receive credit for both German 2225/2227 and German 301/303 (U of C).

Not open to students with credit in German 2203 (discontinued).

HISTORY [HIST]

HIST 2201 — An Introduction to History: Europe to 1500
[U of C HIST 201]

3 hours lecture
1 hour tutorial
(3 credits)
Fall and/or Spring

An introduction to the Middle Ages, to historical methods, and to varieties of historical explanation. Topics may include: the changing nature of the Church, heresy and dissent, and the relationship of art and architecture to social, intellectual and political ideals.

HIST 2203 — An Introduction to History: Europe since 1500
[U of C HIST 203]

3 hours lecture
1 hour tutorial
(3 credits)
Spring

Major issues in modern European history, emphasizing the relationship between ideas and events. Sample themes: revolution and social change; the scientific outlook and democratic ideals; liberalism and industrialization; theory and practice in socialism and Soviet communism.

MATHEMATICS [MATH and PMAT]

MATH 2251 — Calculus with Applications I
[U of C MATH 251]

3 hours lecture
1 hour tutorial
(3 credits)
Fall and/or Spring

Functions and graphs, gradients and areas, derivatives and integrals. Illustration of the fundamental connection between derivatives and integrals. Algebraic properties of differentiation, product rule, chain rule. Applications.

Note: This course provides the basic techniques of differential calculus as motivated by various applications. Students performing sufficiently well in a placement test may be advised to transfer directly to Mathematics 2253.

Not available for credit to students with credit in Pure Mathematics 2201 (discontinued).

MATH 2253 — Calculus with Applications II
[U of C MATH 253]

3 hours lecture
1 hour tutorial
(3 credits)
Spring and Summer

L'Hopital's rule; improper integrals. Convergence of sequences and series. Exponential and trigonometric functions and their inverses, hyperbolic functions. Methods of integration. Higher derivatives, Taylor series. Applications.

Pre-requisite: Mathematics 2251 or consent of Department.

Note: This course is a pre-requisite for many 300-level courses in Pure Mathematics, Applied Mathematics and Statistics (U of C).

Not available for credit to students with credit in Pure Mathematics 2201 (discontinued).

PMAT 2215 — Linear Algebra and Geometry

3 hours lecture
1 hour tutorial
(3 credits)
Spring and Summer

Position vectors, Scalar and vector products. Matrix algebra, Gaussian elimination. Determinants and inversion. Geometry of matrices as transformations and linear equations.

Note 1: During the first week of classes students will be required to write a placement test. Students with unsatisfactory results on this test may be advised to register for Mathematics 101 (U of C) concurrently or to transfer to Applied Mathematics 205 (U of C).

Note 2: This course is a prerequisite for many 300-level courses in Applied Mathematics, Pure Mathematics and Statistics (U of C).

(Credit may be obtained only in one of Pure Mathematics 2215 and Applied Mathematics 205 (U of C).

Not available for credit to students with credit in Pure Mathematics 2203 (discontinued).

MICROBIOLOGY

MICROBIOLOGY 2241 — Microbiology

[U of C MICROBIOLOGY 241]

3 hours lecture

3 hours lab

(4 credits)

Spring

Fundamental theories, principles and methods of general microbiology. Structure, systematics, growth and functions of micro-organisms.

Pre-requisite: Biology 2201.

Pre-requisite or Co-requisite: Chemistry 2200 level course.

PHILOSOPHY [PHIL]

PHIL 2201 — Problems of Philosophy

[U of C PHIL 201]

3 hours instruction

(3 credits)

Fall and/or Spring

Provides an introduction to philosophy through the discussion of selected topics such as skepticism, perception, personal identity, free will and determinism, and God.

PHIL 2203 — Ethics

[U of C PHIL 203]

3 hours instruction

(3 credits)

Spring

A first enquiry into the nature and justification of moral standards.

PHIL 2205 — Introductory Logic

[U of C PHIL 205]

3 hours instruction

(3 credits)

Fall and/or Spring

An introductory study of the techniques used in appraising arguments as they occur in everyday life and ordinary language.

Not open for credit to students with credit in Philosophy 207 (U. of C.).

PHYSICS [PHYS]

PHYS 2221 — Concepts of Physics

[U of C PHYS 221]

3 hours lecture

3 hours lab

(4 credits)

Fall and/or Spring

A conceptual approach to the following areas in physics: classical mechanics, electricity and magnetism, waves. Mathematical exercises will be assigned but the emphasis will be on a semi-quantitative understanding of physical principles.

Pre-requisite: Mathematics 30, or Mathematics 1179.

Credit will not be allowed for both Physics 2221 & 231 (U. of C.).

PHYS 2223 — Survey of Modern Physics Topics
[U of C PHYS 223]

3 hours lecture
3 hours lab
(4 credits)
Spring

Quantum effects, Bohr atom, atomic spectra, radioactivity, nuclear structure, biophysics, astrophysics, relativity.

Pre-requisite: Physics 2221.

Note: Not open to students with credit in Physics 324 (U. of C.).

PHYS 2233 — Introductory Physics
[U of C PHYS 233]

3 hours lecture
3 hours lab
(4 credits)
Fall and/or Spring

Systems of units and frames of reference; addition and subtraction of vectors; structure and various forms of matter; projectile motion; conservation of energy and momentum; centripetal forces and circular motion; force on a charged particle in electric and magnetic fields; energy gained by a charged particle in passing through a potential difference; simple DC circuits; geometric optics.

Pre-requisite: Mathematics 30 (Mathematics 31 is also advisable). Physics 30 with high school teacher's recommendation; or Mathematics 1179 (Math. 1180 also advisable), Physics 1180.

PHYS 2247 — Mechanics of Systems of Particles
[U of C PHYS 247]

3 hours lecture
3 hours lab
(4 credits)
Spring, Summer

Centre of mass and linear motion of systems of particles, rotational kinematics and dynamics, Newton's law of gravitation, simple harmonic motion, kinetic theory and heat.

Pre-requisite: Physics 2221 or 2231 with a B or better, or Physics 2233 and Mathematics 2251.

POLITICAL SCIENCE [PLSC]

PLSC 2201 — Man and the State
[U of C PLSC 201]

3 hours lecture
1 hour tutorial
(3 credits)
Fall and/or Spring

Political theory: relations between the individual and the state. Readings from Plato, Aquinas, Machiavelli, Mill, and Marx.

PLSC 2221 — Issues in Canadian Politics
[U of C PLSC 221]

3 hours lecture
1 hour tutorial
(3 credits)
Fall and/or Spring

An introduction to selected problems in Canadian Politics, both traditional and contemporary.

PSYCHOLOGY [PSYC]

PSYC 2205 — Principles of Psychology **[U of C PSYC 205]**

3 hours lecture
1 hour tutorial
(3 credits)
Fall and/or Spring

An introduction to the methods, theory and practice of psychology.

This course is a pre-requisite for all senior psychology courses except Psychology 304.

PSYC 2215 — Behavioral Statistics **[U of C PSYC 215]**

3 hours lecture
2 hours lab
(3 credits)
Spring

Introduction to descriptive and inferential statistical techniques as applied to behavioral research. Tabulations, graphic representation and reduction of data, correlation, chi square, probability, and T-Distribution and one-way analysis of variance.

Pre-requisite: Mathematics 30.

SOCIOLOGY [SLGY]

SLGY 2201 — Introductory Sociology **[U of C SLGY 201]**

3 hours lecture
(3 credits)
Fall and/or Spring

The sociological study of society, social institutions, group behaviour, personality formation and social change.

Not open to students with credit in Sociology 202 (U. of C.).

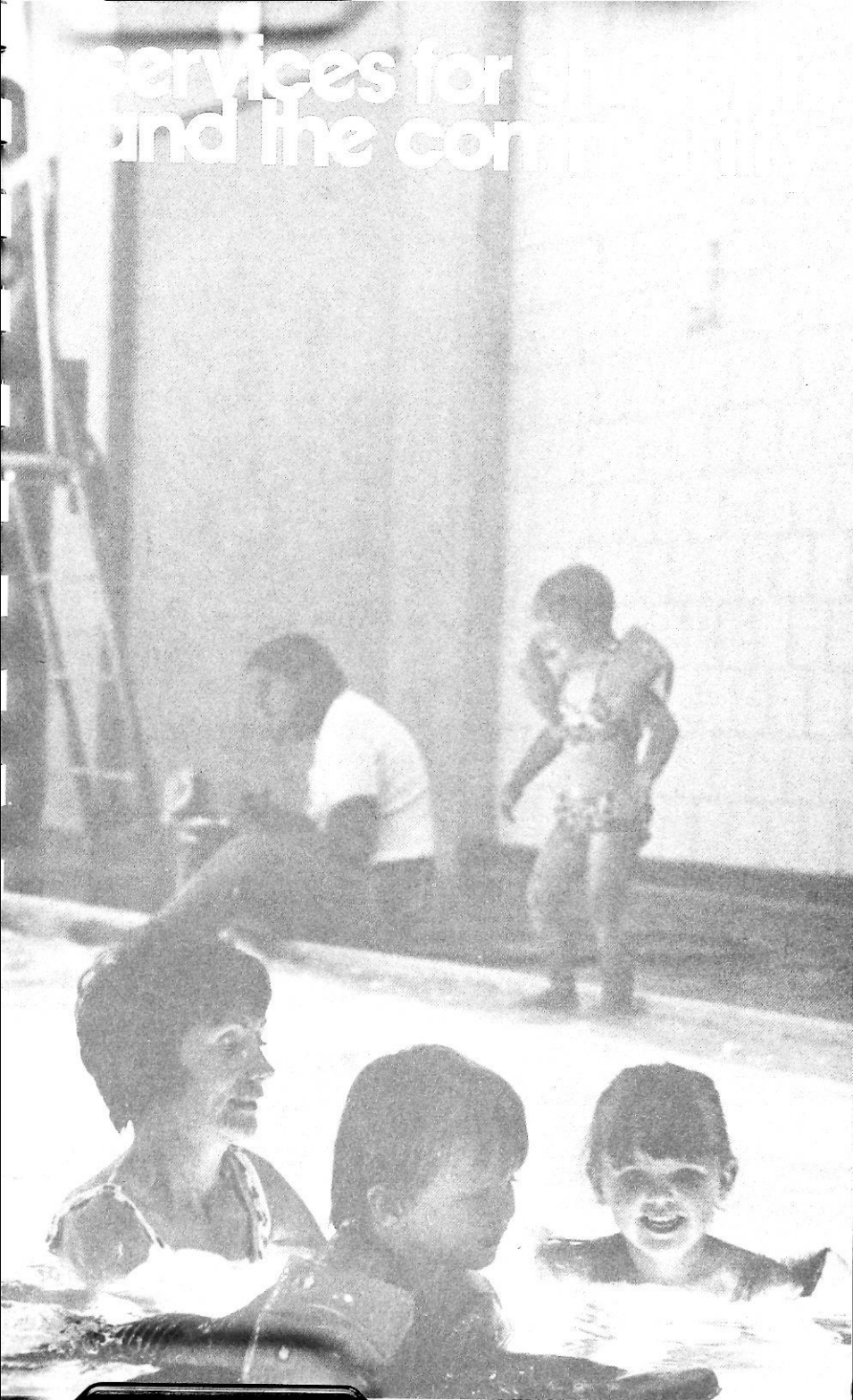
ZOOLOGY

ZOOLOGY 2273 — Animal Biology **[U of C ZOOLOGY 273]**

3 hours lecture
3 hours lab
(4 credits)
Spring

Study of animal design, function and evolution.

Pre-requisite: Biology 2201.



Services for the young and the community

INSTRUCTIONAL SERVICES

Instructional Development

This department exists primarily to promote improvement and innovation in instruction. The Director is responsible for establishing a program of educational development including in-service training, workshops, seminars, new faculty orientation, etc. This department also conducts research and evaluation projects as required by the Department of Instruction.

Extended Day College and Continuing Education Office

The College offers an extensive range of credit and non-credit courses in the evenings to provide students an opportunity to pursue a college or personal development program.

A brochure outlining evening classes will be given wide-area distribution. Individuals not on the mailing list will be provided a copy on request. The brochure is available for distribution about one month before the beginning of each semester. For more information, please contact the Extended Day College and Continuing Education Office. Phone 246-6470 - 246-6471 - 246-6472 - 246-6554 (Facilities Rentals).

Summer Session

Mount Royal offers two summer sessions beginning May 2, 1977, and July 4, 1977, respectively. Although course offerings are more limited than during semester sessions, courses from most divisions are included. Credits earned may be applied to a student's program in the same manner as credits during other sessions. For more information, please contact the Registrar's Office, Mount Royal College, Lincoln Park Campus, Calgary, Alberta.

SERVICES TO STUDENTS AND THE COLLEGE COMMUNITY

ADMISSION AND EVALUATION OF DOCUMENTS

Admission to the programs offered by the College is obtained through the Registrar's Office. The Registrar's Office will evaluate transcripts for prospective students to help them determine their preparedness for the program of study they have chosen.

ADVANCED CREDIT AND CREDIT BY EXAMINATION

Any student wishing to receive credit toward their Mount Royal College program for work completed at another institution should apply at the Registrar's Office. Students may obtain credit toward their Mount Royal College diploma for knowledge they have gained outside an academic institution after being thoroughly examined by the Division concerned. Application for this service can be made at the Registrar's Office.

ARTICULATION ARRANGEMENT — SECRETARIAL ARTS

The Secretarial Arts Department of Mount Royal College has inaugurated an articulation arrangement whereby Alberta high school students who have a business education background may apply for advanced credit in the secretarial programs of the College. To qualify for articulation privileges, see page 79. The articulation fee is \$25.

PUBLICATIONS

Publications (calendars, information brochures, etc.) on the various academic programs and services offered at the College are available through the Registrar's Office.

TRANSCRIPTS

Transcripts of student academic records may be ordered through the Registrar's Office. There is a fee of one dollar per transcript requested.

TRANSFER TO UNIVERSITIES AND COLLEGES

Information on transfer opportunities may be obtained from the Counselling Center or the Registrar's Office. A current list of courses transferable to Alberta universities is regularly published by the Registrar's Office.

COUNSELLING SERVICES

COUNSELLING SERVICES is primarily designed to be of assistance to students educationally, vocationally and personally.

1. EDUCATIONAL COUNSELLING

Students returning to school after an absence of some time and students entering without clearly defined educational prerequisites are strongly advised to seek COUNSELLING prior to enrollment. Counsellors will provide individual assistance for students deciding whether to enter college, selecting programs, withdrawing from college or having academic difficulties, such as examination anxiety.

2. CAREER COUNSELLING

Counsellors are available to assist students in their exploration of occupational goals individually or in a workshop format. Effective career decision making will involve an in-depth interview, extensive use of ability, interest and personality tests as well as decision making strategies. A career resource centre is available for student use and contains occupational, educational and employment information.

3. PERSONAL COUNSELLING

Students with personal concerns or social problems that interfere with academic success often find that effective solutions may be found in COUNSELLING.

4. GROUP COUNSELLING

A variety of small group (8-10) experiences are offered which are specifically designed to deal with the following concerns:

- career exploration
- money management
- relaxation training
- communication skills
- personal growth

5. LEARNING SKILLS CENTRE

Reading/Study Skills and Writing Workshops are available to all Mount Royal College students on a volunteer non-credit basis. These workshops are designed to assist students in developing skills which will equip them to cope effectively with the academic demands of college. Skills such as the following will be developed:

- writing research papers
- listening efficiently
- reading flexibility
- concentration
- studying effectively (Grade Watchers Program)

Individual learning assistance also is available upon request.

COUNSELLING Services is also responsible for the following key functions.

1. TESTING

Tests are one source of information about students. When a student and a counsellor mutually agree that tests would be helpful in reaching an educational, career or personal decision, the following tests are available:

- i) Psychological Tests
 - intelligence
 - aptitude
 - interest
 - personality
- ii) General Tests —
 - Test of English as a Foreign Language (TOEFL)
 - College Entrance Examination Band (CEEB)
 - American College Testing Program (ACT)
 - Graduate Record Examination (GRE)

2. EDUCATIONAL INFORMATION

COUNSELLING maintains a current library of catalogues and calendars for universities and colleges throughout Canada and the United States. Students wishing to transfer to another school from Mount Royal will find the COUNSELLING and educational library useful.

3. CAREER RESOURCE CENTRE

COUNSELLING maintains an occupational information library which provides information on the nature of specific career qualifications, salary, advancement potential, etc. Further information of this nature regarding specific positions can be obtained in the Placement Office.

4. CONSULTATION

The COUNSELLING staff is available to talk with or work with campus groups on inter-personal relations, group procedures, improvement of academic skills, or transferring to other schools. They also welcome invitations to talk to groups about general topics such as student characteristics, student problems, and the COUNSELLING process.

5. GENERAL ADVISEMENT

An academic advisor is a member of the instructional staff and is responsible for assisting students with the selection of courses, periodic review of academic progress, and referral of students needing assistance of an educational or personal nature.

After advising and/or counselling, a student may be asked to sign a **Waive of Consent Form** if it is felt that the student may have academic difficulty in his chosen program. It should be noted that not signing a **Waive of Consent Form** is not a guarantee of success in a program.

For further information or an appointment contact:

COUNSELLING SERVICES
Mount Royal College
Room 1023
Telephone: 246-6581
Calgary, Alberta

DAY CARE CENTRE

Limited accommodation is available in a Day Care Centre operated by the Students Executive Council.

APPLICATIONS

DAY CARE CENTRE
Mount Royal College
Lincoln Park Campus
4825 Richard Road S.W.
Calgary, Alberta
T3E 6K6

CONSERVATORY OF MUSIC AND SPEECH ARTS

In addition to the programs outlined in this calendar, instruction is offered in every department of the Conservatory of Music and Speech Arts for beginning and advanced pupils in music and speech. Certificates are awarded to successful candidates in practical and theoretical examinations. Beginning (I-IV) and intermediate grades (V-VIII) are taught with a view to developing the student's basic musicianship and broadening his technical facility. Systematic study of elementary theory is encouraged.

With the inauguration of the Professional Diploma Courses (two-year program for prospective teachers and performers), the Conservatory of Music is able to provide a well-graduated program of studies for the senior grades (IX, X and Diploma). The Licentiate Diploma (Artist) is conferred upon those candidates who possess the Associate Diploma in Teaching and who are successful in the Licentiate examination. Should students prefer not to pursue the fulltime program, an individual program is arranged to suit their particular needs.

More detailed information is available in a brochure from the Conservatory Office, Mount Royal College, Calgary, Alberta.

The Speech and Hearing Clinic provides diagnosis, consultation, and treatment in connection with speech and hearing problems of College students. The speech and hearing evaluation is provided on a voluntary basis at no charge to all full-time students. Students may be referred to the clinic either by the Counselling Centre or by faculty advisers, or they may contact the clinic directly.

LEARNING RESOURCES — MEDIA SERVICES

This department offers two primary services to the college. A technical area repairs and maintains media equipment as well as translating campus communication needs into appropriate systems. A production area produces a wide variety of media instructional materials specifically designed to fit the needs of the college community. Delivery and operation of small format systems are available upon request. In addition, consultation on design and evaluation of instructional media is offered.

LIBRARY

The Mount Royal College Library contains more than 50,000 books and extensive collections of periodicals, films, records, filmstrips, videotapes, audiotapes, microfilms, maps, and pamphlets.

Facilities are provided in the Library for individual or group study, and special equipment is available for the use of non-print material.

Qualified librarians and support staff are available for consultation during normal opening hours, and full Library facilities are available (during sessional periods) at the following times:

Monday - Thursday	7:45 a.m. - 10:00 p.m.
Friday	7:45 a.m. - 5:00 p.m.
Saturday	9:00 a.m. - *5:00 p.m.
Sunday	1:00 p.m. - 5:00 p.m.

The Library will be closed on public and statutory holidays.

During intersessional periods, the Library will close at 5:00 p.m. Monday - Friday.

Special collections of material are maintained at Resource Islands located in other areas of the College. These Islands loan material and equipment specially selected to support course studies.

Marks and transcripts may be withheld from students who have overdue material belonging to the Library.

STUDENTS HEALTH SERVICES

PRE-ENTRANCE EXAMINATIONS

All full-time students (12 credits or more) must have a medical examination prior to registration.

GENERAL HEALTH CARE

The Health Service is designed to supervise general student health care. Students are encouraged to use the Health Service Offices to their best advantage. A doctor is present from 8:30 a.m. to 12:00 noon and from 1:00 p.m. to 4:00 p.m., and is on call on a 24 hour basis.

COSTS

The costs of hospitalization, specialists and diagnostic services where necessary, are not covered. Students are therefore urged to maintain insurance as dependents, or obtain insurance individually.

Mount Royal College accident insurance covers students for accidents only. Out-of-province students are covered for medical expenses.

STUDENT PLACEMENT

Mount Royal College operates a STUDENT PLACEMENT OFFICE on Campus. The office is located in Room 1007, next to Student Affairs.

The major functions of this office include:

- (1) assisting students in obtaining part-time, summer and career employment.
- (2) providing students with employer and employment information.
- (3) encouraging employers to conduct recruiting activity at the college and off-campus.
- (4) assisting students in developing job search skills which includes letter of application, resume writing and interview techniques.

Note: Students are advised to register as soon as possible at the beginning of each semester if they are considering part-time employment. Students interested in obtaining summer or career employment should register early in the Spring semester.

CAMPUS BOOKSTORE

As a service to students and staff, the Bookstore carries texts, reference books and school supplies required for the courses offered at Mount Royal College. They can be purchased at a nominal cost.

STUDENT ACTIVITIES

The College believes that participation in student activities is an integral part of a student's education. Students who participate to a reasonable degree in a diversified program of athletics, social and cultural activities, usually derive educational benefits not available in the classroom.

The organization and control of student activities is vested in the elected student government. Through this governmental system students control the funds and activities of their own clubs, societies and publications. Inquiries should be directed to the Students' Association.

Among activities usually organized on the campus are a newspaper, literary magazine and publications, handbook, societies, clubs, drama, music and many social functions, such as "Frosh Week". In addition to these activities students maintain student union offices and a student lounge.

STUDENT AFFAIRS

The Student Affairs office is responsible for a wide range of services to students at the college. Included in the administrative responsibilities of this office are the Government loan programs, scholarships, off-campus housing as well as the operation of the Arts Board.

Don Stouffer, Coordinator of Student Affairs, is the administrator responsible for these programs. As executive assistants, Jessie McBean and Alison Lareshen help considerably in making certain these functions operate smoothly. Peter Esdale as coordinator of Recreational Services, operates the sports activities program.

The Student Affairs office encourages students to come in and inquire about any of the above programs and looks forward to helping any student needing assistance.

OFF-CAMPUS HOUSING

Housing information is available from the Student Affairs Office. A registry is kept that includes: sleeping rooms, shared accommodation, and private-residence apartments. Because these listings vary and selection of living quarters is a personal preference which involves individual negotiation between tenant and landlord, it is advised that time be allowed for personal pursuit of suitable accommodation. Students who are seeking shared accommodation, or having accommodation they wish to share may record their information with our department.

It is becoming increasingly difficult for students to locate the type of accommodation they prefer i.e. apartments. Rent increases have placed this mode of living beyond the average student's budget and landlords give preference to more permanent residents.

The Housing Registry is a service to our students. Arrangements made between student-tenants and their landlords are strictly between the two parties. We will provide information on the services that should be expected and the obligations that are assumed by both parties in a landlord-tenant agreement.

Enquiries may be directed to Mrs. Jessie McBean, Executive Assistant, Student Affairs.

FOREIGN STUDENTS

Mrs. Jessie McBean acts in an advisory capacity to out-of-country students. Should questions of academic nature arise you will be directed to the appropriate Counsellor or Faculty Adviser.

Members of the Community registered as Host Families, assist foreign students in adjusting to their new location. Inquiries on this should be addressed to:

Mrs. Jessie McBean
Financial Aid Office
Mount Royal College
4825 Richard Road S.W.
Calgary, Alberta
T3E 6K6

THE ARTS BOARD

Established to sponsor and promote student and professional talent, noon hour concerts and other types of entertainment are held in the various Theatre areas of the College. Students are encouraged to contact the Arts Board with respect to participating in this series, through Don Stouffer in the Student Affairs Office.

RECREATIONAL SERVICES

ATHLETICS

AFFILIATIONS

Mount Royal College is a member of the Alberta College Athletic Conference and provides opportunities for men and women to compete in intercollegiate sports. Other members of the Conference include Medicine Hat College, Red Deer College, Southern Alberta Institute of Technology, Northern Alberta Institute of Technology, Camrose Lutheran College, the Olds Agricultural and Vocational College, Grande Prairie College, Lethbridge Community College, Grant McEwan College, and Vermillion Agricultural College.

The athletic program is guided by the Athletic Board which consists of five student members, the Co-ordinator of Student Affairs, Co-ordinator of Recreational Services and two members of the M.R.C. Faculty Association.

TEAM ACTIVITIES

The College takes part in the Alberta Colleges Athletic Conference in several league sports and many tournament activities. Our teams also compete each spring in the Four-West Playoffs which declare Western Canadian champions in hockey, men's and women's basketball, volleyball, curling, and badminton. The winner of men's Four-West hockey and basketball competes nationally against the Eastern winners for the National title.

COUGAR ACCOMPLISHMENTS

Hockey:

From 1972-74 the Cougars have won both the A.C.A.C. and Four-West Championships. Cougars have their own dressing room at a local arena and are on the ice at least an average of four or five days per week, either practising or playing. They play 24 league games plus an average of ten exhibition games plus play-offs. All equipment is supplied.

Basketball:

Play in spacious new gymnasium with seating capacity of 1200. Play 18 league games. Compete in a series of exhibition games throughout the year both home and away in Canada and the U.S.A. League winner is determined by a four team play-off at the first place team's home court.

Volleyball:

Won A.C.A.C. men and women volleyball championships. Men won the Four-West Championship. Men play in Senior league and exhibition tournaments along with the women. A.C.A.C. championship determined on the basis of three tournaments plus play-offs.

Activities:

Badminton, Bowling, Cross-Country, Canoeing, Golf, Curling, Wrestling.

Coaching Staff:

AL BOHONUS — Assistant Coordinator of Recreational Services. Al is a former University of Calgary Dinosaur (football). He is in his second season as the head coach of the Women's Volleyball Team. Received his Bachelor of Physical Education from the University of Calgary.

JACK KENYON — Men's Basketball Coach is in his fourteenth year as Cougar Head Coach, during which time he has led the Cougars to seven Alberta Junior Men's titles, four Alberta College Athletic Conference titles and a Canadian Championship in 1969. Coach Kenyon has conducted and spoken at many coaches clinics, and has been actively involved with the Canadian National Basketball Program. Last summer was appointed as Canada's National Junior Coach.

GARY KOROLUK — Men's Volleyball Coach; a former University of Calgary Dinosaur, has been the head Volleyball coach of Mount Royal College for the past five years. During this time the Cougars have had an outstanding won-lost record and are the defending Alberta Athletic Conference 4-West Champions. Gary attributes the Cougar's success to the type of exceptional "team" athletes who try out for the Cougars every year and enjoy playing his brand of POWER VOLLEYBALL.

DON WATTS — Wrestling Coach; Instructor in the Physical Education Division of Mount Royal. Responsible for Physical Fitness Testing. Head wrestling coach 1973-74 at the University of Calgary where the team placed third in the C.W.U.A.A. two years in a row. Albertan coach of the team to the Canadian championships in Newfoundland.

PAT MATSUOKA — Head Hockey Coach; this is Coach Matsuoka's third year as head coach at Mount Royal. Pat was very successful in the Minor Hockey Association prior to coming to Mount Royal. Having coached a Junior B team to two city championships and one Provincial Championship. Mount Royal is very pleased to have a man of Pat's calibre at the helm of the Cougars.

BOB ROSE — Women's Basketball Coach. Bob is in his second year coaching the Mount Royal College Kittens. Prior to this season he coached the College Men's Junior Varsity team in which he established himself as a winning coach.

DON STOUFFER — Golf Coach; former Cougar Hockey Coach, Don attended Brigham Young University where he lettered in baseball and later attended Colorado College on a hockey scholarship where he played varsity hockey and golf. The Cougar team is reigning A.C.A.C. Champions and have placed first or second in A.C.A.C. competition for the past six years. Next fall they hope to be invited for the third time to the National College and University National Championships.

BILL PURVES-SMITH — Bill is in his third year as badminton coach. He is a very keen supporter of the game of badminton.

FACILITIES:

Gymnasium, wrestling pit, gymnastics, pool, tennis courts, weight room, athletic fields, climbing wall, outdoor basketball courts.

Coordinator of Recreational Services: Mr. Peter S. Esdale, B.S.Ed., M.Ed., M.A.

Assistant Coordinator: Mr. Al Bohonus, B.P.Ed.

CAMPUS RECREATION PROGRAM

The purpose of the Campus Recreation program is to provide a program within the scope of the college that will meet the needs and desires of the students pertaining to recreation. The programs will encompass a range of activities that will facilitate the wide use of all available facilities both in and around the campus. The Mount Royal College Campus Recreation program is organized with one major thought in mind. Fun!! With this major philosophy our program is set up to provide an opportunity for everyone to get involved in one form of activity or another. We are not only involved with physical activity offerings but also educational areas in the form of recreation instructional events and sports clubs. We strive to be "All Things to All People".

Brief Summary of Program Offerings

One of the most popular events that have been offered are the free instruction courses. These courses are designed to help the students gain a knowledge in a particular activity that will enable him to pursue it with a reasonable skill. Activities that these courses are offered in are as follows:—

Tennis	Swim - Stroke Improvement
Canoeing	Mountain Climbing
Golf	Curling
Trampoline	Backpacking - Outdoor Survival
Archery	Ski Conditioning
Arts & Crafts	

Instruction is also available to students through the sports clubs that are formed. Clubs such as:—

Archery	Bowling
Gymnastics	Fencing
Judo	Rodeo
Kung Fu	Skiing
Karate	Badminton
	Dancing

Scheduled Activities that are offered:

Men's Basketball	Hockey - Men & Women
Women's Basketball	Floor Hockey
Men's Volleyball	Flag Football
Women's Volleyball	Curling

One and/or two day tournaments:

Golf	Curling - Quickie Spiel
Canoe Race	Hockey Showdown
Turkey Trot	1 on 1 Basketball
Table Tennis	Campouts
Broomball	Car Rally
Frisbee Tournament	Grease Pole Day
Free Throw Contest	Tug O'War
Softball	Ski Trips
Badminton	Superstar Tourney
Swimming	Bike Touring
Treasure Hunt	

The intramural office is always open and students are encouraged to come in and talk with Peter, Al, or Maureen. We are open to new suggestions and ideas and are there with the purpose of providing the students with the opportunity for an enjoyable time at Mount Royal College through activity offerings. Phone No. 246-6341 or 246-6432.

FINANCIAL AID AND SCHOLARSHIPS

GENERAL INFORMATION

This section contains information about awards and financial assistance administered by the College as well as Provincial and Federal Government Assistance tenable at the College.

Applications or further information for all assistance may be obtained from:

FINANCIAL AID DEPARTMENT
Mount Royal College
Calgary, Alberta T3E 6K6

Payment of fees is a first charge against any assistance received from the College or the Provincial and Federal Assistance Plans.

GOVERNMENT LOANS

Social Security numbers must be recorded on loan applications.

A student who is a citizen of a country other than Canada and who has been admitted to Canada on the basis of a student visa, is not eligible for financial aid as described hereafter.

THE CANADA STUDENT LOAN PLAN

The Canada Student Loan Plan is a federal government program which is administered by provincial authorities. Under this plan full-time students are permitted to borrow, on a basis of financial need, up to \$1,800.00 per fiscal year July 1st to June 30th (two consecutive semesters), with an overall maximum of \$9,800.00 for the entire educational period.

Applicants must be Canadian citizens or have landed immigrant status at the time of application AND have at that time lived in Canada for the previous twelve consecutive months and intend to stay after graduation.

No interest or payments on principal are required during the period that the student is in full-time attendance at the college and for six months thereafter. Application forms may be obtained at the Financial Aid Office. Mount Royal College students **must** apply through the Financial Aid Office of the College.

THE PROVINCE OF ALBERTA ASSISTANCE

Under the Students' Finance Act assistance is available to full-time (10 credits or more) students attending Mount Royal College.

Payment of fees is a first charge against assistance received from the Students' Finance Act and the Canada Students Loans Plan.

ELIGIBILITY FOR ASSISTANCE

Applicants must be Canadian citizens or have landed immigrant status. Prior to applying for assistance, applicants must have lived in Alberta for twelve consecutive months, as of September 30th or January 31st. The same residence requirements apply to parents or guardians of a minor.

A student from another province must apply to the government of his province of residence. Should the province of residence refuse assistance the student **may** be eligible to receive a loan **only** under the Canada Students Loan Plan.

Students may apply for loans at any time but should note that payments will not be available until registered in the College and may take eight weeks to process. Financing should be planned accordingly.

The Students Finance Board is presently authorized to loan up to \$4,600 to a student in a twelve month period, where such support is warranted. In most cases, however, the student should not expect to receive assistance in excess of \$2,000 if single, or \$4,300 if married, during a twelve month period. Where students request such amounts of support the board will require that they demonstrate this support is clearly warranted.

WITHDRAWALS

Should a student withdraw before the completion of the academic term for which assistance was provided, he will be required to repay a proportionate amount of the total assistance awarded.

REPAYMENT OF CANADA STUDENT LOANS

Payment of Principal and Interest begins six months after the student ceases full-time study. Loans may be repaid over a period of up to ten years, depending upon the accumulated amount of the loan.

FINANCIAL AID COUNSELLING

Any student who requires information on eligibility for Government loans may contact the Financial Aid Department in the Student Affairs Office.

A student who needs assistance in the budgeting section of the loan application may make an appointment with a Financial Aid Counsellor.

SCHOLARSHIPS AND AWARDS

The College assumes liability for the payment of scholarships, bursaries, prizes and other awards only to the extent that expected gifts from donors or returns from particular investments of endowed funds are realized. Awarding of all assistance is coordinated by the College Scholarship Committee to ensure an equitable distribution of awards among applicants. The College reserves the right to make whatever changes circumstances may require, including cancellation of particular awards.

Payment of fees is a first charge against any assistance received from the College or the Provincial and Federal Assistance Plan.

Students wishing to apply for awards should be careful to adhere to application deadlines. Where no application information is shown, the award is made automatically without applications.

Unless otherwise stated, completed applications for Mount Royal College scholarships must be received by the Financial Aid Office by October 29, 1976. Applications for Community Scholarships should be completed and returned to the appropriate address on the dates specified by the donors.

Applications or further information for **all** assistance may be obtained from:

FINANCIAL AID OFFICE
Mount Royal College
4825 Richard Road S.W.
Calgary, Alberta T3E 6K6

SCHOLARSHIPS AND AWARDS —

FIRST YEAR STUDENTS

MOUNT ROYAL COLLEGE AWARDS

THE DR. G. W. KERBY MEMORIAL SCHOLARSHIP

\$250 awarded to a full-time student entering any post-secondary program. The award will be given to the student showing outstanding academic merit during the last year of High School (Grade XII).

Apply to the Financial Aid Office no later than October 29, 1976.

GEORGE W. KERBY COLLEGE BURSARIES

These awards offered to full-time students entering any post-secondary program at Mount Royal College will be based on academic merit and financial need. Preference will be given to married students.

Apply to the Financial Aid Office no later than October 29, 1976.

J. E. LOVE BURSARIES

Scholarships offered to full-time students entering any post-secondary program at the College. Applicants must show academic merit in previous studies and financial need. Special consideration is given by the Scholarship Committee to married students.

Applications must be received by the Financial Aid Office no later than October 29, 1976.

COMMUNITY SCHOLARSHIPS AND AWARDS GENERAL INFORMATION

Unless otherwise stated, completed applications for Community scholarships are to be returned to the appropriate address on the dates specified by the donors.

CITY OF CALGARY SCHOLARSHIPS

Three scholarships in the amount of \$250 each to be offered annually by the City of Calgary to Calgary students. These scholarships to be awarded to students entering Mount Royal College on the basis of academic proficiency and financial need. Students must be enrolled full-time in any program at Mount Royal College to be eligible.

Applications must be received by the Financial Aid Office no later than October 29, 1976.

THE NICKLE FOUNDATION SCHOLARSHIP — BUSINESS ADMINISTRATION

\$200 offered to a student entering the first year of the Business Administration program. The Southern Alberta resident with the highest standing as a Grade XII student among all who apply will be awarded this scholarship. Applications must be received by the Financial Aid Office no later than October 29, 1976.

THE NICKLE FOUNDATION SCHOLARSHIP — ENGINEERING

\$200 offered to a student entering the first year of the Engineering program. The Southern Alberta resident with the highest standing as a Grade XII student among all who apply will be awarded this scholarship. Applications must be received by the Financial Aid Office no later than October 29, 1976.

THE PROVINCE OF ALBERTA MATRICULATION SCHOLARSHIPS

\$150 scholarships offered to matriculation students from Alberta high schools entering the first year at a University in Alberta, or a program of university level at a community college affiliated with such a university. Applicants must be bona fide residents of Alberta. Awarded on the basis of academic achievement, on the required subjects of matriculation. Average must be 80% or better (on four best subjects).

Information and application forms may be obtained from: Students Finance Board, Sun Oil Bldg., 500-4th Avenue S.W., Calgary, Alberta or the Financial Aid Office, Mount Royal College.

ALBERTA ASSOCIATION OF PETROLEUM LANDMEN

There are a number of grants available to students in first and second year of the Petroleum Land Management program at Mount Royal College. These grants are for students who require financial assistance during their course of study. Prospective candidates will be contacted by the Association.

Information may be obtained by writing Mr. Garth Armstrong, Land Manager, L.L.&E. Canada Ltd., 500 Crown Trust Building, 407-8th Avenue S.W., Calgary, Alberta.

THE ALBERTA WHEAT POOL BURSARIES FOR RURAL STUDENTS

\$500 bursaries awarded annually to a maximum of five undergraduate students. Offered to rural students from Alberta high schools. These awards are open to students whose parents are actively engaged in farming and who derive the major portion of their income from farming. Preference will be given to applicants entering Home Economics, Food Science, and Agriculture. Awarded on the basis of matriculation standing and financial need, students must be enrolled in a program at Mount Royal College that is transferable to any university in Alberta.

Application forms may be obtained from: Director of Field Services, Alberta Wheat Pool, Box 2700, 505-2nd St. S.W., Calgary, Alberta, and completed and returned to the Financial Aid Office at Mount Royal College.

COMINCO HIGHER EDUCATION AWARDS

\$500 or \$350 offered. Class I Awards in the amount of \$500 will be made to all students who make application and who have obtained 86% or better standing in their high school leaving course. Class II Awards in the amount of \$350 will be made to all students who make application and who have obtained an average in the 73% to 86% range. Applicants must be sons, daughters or legal wards of a Cominco employee; a widow whose husband died while regularly employed by Cominco; or a Cominco pensioner or his widow. Applicants have to be registered full time at a recognized Canadian university or college, a regional or junior college or a provincial institute of technology.

Application must be made on a form which is available from: The Secretary, Scholarship and Education Awards Committee, Cominco Ltd., Trail, B.C. A transcript of high school marks and an official notice of admission to an institute of higher education as previously defined must accompany the application.

CAL CALLAHAN MEMORIAL BURSARY

A certain number of bursaries are available to sons, daughters or legal wards of persons who derive their principal income from the Pipeline Industry and whose employers are members of the Pipeline Contractors Association of Canada. These are awarded to students beginning undergraduate studies in a full program leading to a degree or certificate in any field; at a recognized University or College in Canada.

Applications will be reviewed and selection made by the Executive Committee of the Association on or about September 21. Application forms are available through the Financial Aid Department at Mount Royal College, Members of the Association, Pipeline Craft Unions, or the Executive Office of the Pipeline Contractors Association of Canada.

AQUITAINE CANADIAN CENTENNIAL SCHOLARSHIP AWARD

Scholarships in the amount of \$750 per academic year — in two installments of \$375 each with the first disbursed at the outset of the academic year and the second as soon as possible after January 1st should the student continue his or her studies at the same institution. Those eligible are students enrolled in a post-secondary educational institution. Awarded on the basis of academic merit. Applicants must be sons or daughters of employees of Aquitaine Company Canada Ltd.

Application forms may be obtained from: Mr. R. A. Poole, Employee Relations Manager, Aquitaine Company of Canada Ltd., 2000 Aquitaine Tower, 540-5 Avenue, Calgary.

MEDICINE HAT NEWS SCHOLARSHIP — MEDICINE HAT STUDENTS

This company annually offers four scholarships of \$150.00 available to former carriers of the Medicine Hat News or children of employees. Qualified students should obtain information directly from the Company.

CHILDREN OF THE WAR DEAD [EDUCATION ASSISTANCE ACT]

This Act provides fees and monthly allowances for Children of Veterans whose death was attributed to military service. Inquiries should be directed to the nearest district office of the Department of Veteran Affairs.

THE LADIES' AUXILIARY TO THE ROYAL CANADIAN LEGION ALBERTA PROVINCIAL COMMAND

Offers a number of Bursary Awards each year to students entering University, schools of Technology, Nursing and Business. These awards are intended to assist children of ex-service personnel, in advancing education. Students must be graduates of Grade XII and entering one of the above named institutions.

Information and application forms may be obtained from Mrs. Grace Towell, 2720-3rd Avenue N.W., Calgary, Alberta.

ROYAL CANADIAN AIR FORCE BENEVOLENT FUND

The Fund is concerned with providing assistance to children of serving and former members of the R.C.A.F. who for financial reasons may be prevented from attaining the type and level of education for which they are capable and desirous, whether it be university, technical, vocational or other specialist type of training.

Information may be obtained from the Royal Canadian Air Force Benevolent Fund, 510-12th Avenue S.W., Calgary, Alberta.

ROYAL CANADIAN ENGINEERS MEMORIAL SCHOLARSHIP

Scholarships up to \$500.00 annually to male or female students attending post secondary schools. These awards are intended to assist children and grandchildren of ex-service Royal Canadian Engineers personnel.

Information and application forms may be obtained from the Secretary, RCE Memorial Scholarship Committee, c/o DCCE/MEA, Canadian Forces Headquarters, Ottawa, Ontario.

THE ALBERTA HOTEL ASSOCIATION SCHOLARSHIPS

Sixty-eight scholarships of \$250.00 or \$500.00 are offered to permanent residents of Alberta, who are matriculants from Alberta high schools entering any Alberta university or a program of university level at a junior college affiliated with these universities including Mount Royal College, or at another university if the program is not available in Alberta. The scholarships of \$250.00 are intended for students who can secure their desired program in their home city and those of \$500.00 for students who must live away from home. The basis of the award is academic standing in Grade XII and financial need.

Mount Royal College students meeting the terms of reference for these awards may obtain applications from the Secretary, Alberta Hotel Association, Credit Foncier Building, 10275 Jasper Avenue, Edmonton. These must be completed and returned not later than July 15.

THE CIVIL SERVICE OF ALBERTA BURSARIES

A number of bursaries of a maximum of \$600.00 are offered annually to first year university students from Alberta high schools. These students must be children of Provincial Civil Servants, retired Provincial Civil Servants or deceased Provincial Civil Servants, who are contributing or have contributed to the Alberta Civil Service Welfare Fund. The amount of \$600.00 will be paid to each recipient who finds it necessary to live away from home, while \$300.00 will be paid to each recipient who can attend the chosen course while living at home. These bursaries are tenable at any Alberta university or in a program of university level at affiliated junior colleges, including Mount Royal College.

Application forms may be obtained from the Executive Secretary, Civil Service Association of Alberta, 10008 - 106 Street, Edmonton and must be completed and returned to him not later than July 15.

THE IMPERIAL ORDER DAUGHTERS OF THE EMPIRE MATRICULATION BURSARIES

The Provincial Chapter of Alberta, Imperial Order Daughters of the Empire, has provided a number of bursaries for matriculating students, known as the Coronation Bursaries to the value of \$750.00 each, \$350.00 payable in the first year and \$200.00 in each of the second and third years. They are tenable in a degree program at any Alberta university, affiliated junior colleges, including Mount Royal College, and are made in three yearly payments. Two of the bursaries are reserved for children of men and women who served overseas in the British forces during the Great Wars. All candidates must have lived in the Province of Alberta for at least three years prior to application.

The Provincial Educational Secretary of the I.O.D.E. will notify the high schools in February of each year of the pending award. All applications are to be in her possession by June 1. Further information and application forms may be obtained from Mrs. W. Springstein, 10609 - 60A Avenue, Edmonton, Alberta.

THE MASONIC BURSARIES

Bursaries of \$500.00 each are offered by the Grand Lodge of Alberta, A.F. & A.M. to graduates from Alberta high schools to attend any degree course at any post secondary institution in Alberta, including Mount Royal College, or at any other recognized university if the program of studies is not available in Alberta. These bursaries are provided on the basis of financial need and secondly on academic standing. A limited number of these may be renewable, depending on continued financial need.

Application forms must be completed and returned to the Grand Secretary, Grand Lodge of Alberta, A.F. & A.M. 330 - 12th Avenue S.W., Calgary, by April 30.

WESTERN CONFERENCE OF TEAMSTERS SCHOLARSHIP PROGRAM

Each year Western Conference of Teamsters offers four scholarships in the amount of \$2,000 which is allocated in the amounts of \$500 annually, for each of four years of study. Applicants must be a dependent child of a Western Conference of Teamsters member, or an active member under age 25 and entering college for the first time in a program which will normally lead to a degree after four years of study.

Applications are available from the Western Conference of Teamsters office, 1870 Ogden Drive, Burlingame, California 94010 and must be submitted prior to March 16.

THE P.E.O. EDUCATIONAL FUND

This is a project which makes loans available to qualified women. Loans are made for periods of up to five years. College or university students may draw up to \$900 for one year of study. Loans to students in summer school are limited to \$500 for a nine-month course, or \$700 for a twelve to eighteen-month course. The rate of interest is 4%.

Applications for loans may be submitted and will be processed at any time during the year. Further information and applications may be obtained from Mrs. L. W. Caspell, 4811 - 14A Street S.W., Calgary, Alberta.

SECOND YEAR STUDENTS

MOUNT ROYAL COLLEGE AWARDS

GEORGE W. KERBY COLLEGE BURSARIES

Scholarships offered to full-time students entering their second year at M.R.C. These awards will be based primarily on financial need and will not be given to students receiving other awards. Preference will be given to married students.

Apply to the Financial Aid Office no later than October 29, 1976.

J. E. LOVE BURSARIES

Scholarships offered to full-time students enrolled in their second year of a post-secondary program at the College. Applicants must show academic merit in previous studies and financial need. Special consideration is given by the Scholarship Committee to married students.

Applications must be received by the Financial Aid Office no later than October 29, 1976.

THE MRS. HARRY COHEN SCHOLARSHIP — NURSING

\$300.00 awarded annually to a Nursing student, who, during the first year of the Nursing program, has shown academic merit. The award will be made to a full-time student returning for a second year of the Nursing program at Mount Royal College and who shows financial need. Should the student receiving this award fail to return to Mount Royal College, the award, at the discretion of the Scholarship Committee may revert to another qualified student.

Apply to the Financial Aid Office no later than October 29, 1976.

THE MRS. HARRY COHEN SCHOLARSHIP — INTERNATIONAL STUDENTS

This award of \$150.00 is given to a returning full-time international student who has shown academic merit in his first year at Mount Royal College and who has financial need.

Applications must be received by the Financial Aid Office no later than October 29, 1976.

THE NICKLE FOUNDATION SCHOLARSHIP — BUSINESS ADMINISTRATION

\$200.00 awarded to a full-time returning student registered in the second year of the Business Administration program. An automatic award on the basis of highest standing in the first year of the Business Administration Program.

The recipient must be a Southern Alberta resident and must have completed a minimum of 30 semester hours of credit.

THE NICKLE FOUNDATION SCHOLARSHIP — ENGINEERING

\$200.00 awarded to a full-time returning student registered in the second year of the Engineering program. An automatic award on the basis of highest standing in the first year of the Engineering program.

The recipient must be a Southern Alberta resident, and must have completed a minimum of 30 semester hours of credit.

THE CALGARY POWER LIMITED SCHOLARSHIP IN ENGINEERING

\$350 shall be awarded to a full-time returning student enrolled in the 2nd year of an Engineering program at the College who in the estimation of the Committee, has, during the first year of an Engineering program, shown outstanding merit in scholastic endeavours and has financial need. The recipient must be an Alberta resident and must not be receiving any other scholarships or awards.

Should the student not return to Mount Royal College, the award, at the discretion of the Scholarship Committee, may revert to the next appropriate student.

Applications should be made to the Financial Aid Office no later than October 29, 1976.

SHELL SCHOLARSHIP — ENVIRONMENTAL QUALITY CONTROL

Shell Canada Limited will award a \$250 scholarship to a returning student who has shown scholastic achievement in his first year's work and is committed to completing his second year in this program.

Apply to the Financial Aid Office no later than October 29, 1976.

THE CALGARY HERALD CENTENNIAL BURSARY — ARTS

\$200 shall be awarded to the full-time returning student for second year studies at the College who has shown outstanding merit during the first year Arts program.

Should the student not return to Mount Royal College, the award, at the discretion of the Scholarship Committee, may revert to the next appropriate student.

When two or more students of equal merit are being considered for the bursary, preference may be given to an applicant who has given at least two years' service as a Calgary Herald newspaperboy.

Apply to the Financial Aid Office no later than October 29, 1976.

THE CALGARY HERALD CENTENNIAL BURSARY — JOURNALISM

\$200.00 shall be awarded to the full-time student who is returning for second year studies at the College and who has shown outstanding merit in scholastic endeavours and contribution to a student publication during the first year of Journalism.

Should the student not return to Mount Royal College, the award at the discretion of the Scholarship Committee, may revert to the next appropriate student.

When two or more students of equal merit are being considered for the bursary, preference may be given to an applicant who has given at least two years service as a Calgary Herald newspaperboy.

Apply to the Financial Aid Office no later than October 29, 1976.

THE BIRKS FAMILY FOUNDATION BURSARIES

A bursary awarded on the basis of financial need, to a full-time student entering his or her second year of any program at the College.

Apply to the Financial Aid Office no later than October 29, 1976.

I.B.M. SCHOLARSHIP FOR DATA PROCESSING

I.B.M. will award a \$200.00 scholarship to a full-time returning student enrolled in the second year of a program at the College, having a major or minor in Computer Science.

This scholarship will be awarded to a student who has maintained at least a B average, and has been recommended by the faculty.

Applications must be received by the Financial Aid Office no later than October 29, 1976.

HONEYWELL CORPORATION SCHOLARSHIP FOR COMPUTER SCIENCE

Honeywell Corporation will award a \$200.00 scholarship to a full-time student enrolled in the second year of a program at the College, having a major or minor in Computer Science.

This scholarship will be awarded to a student who has shown outstanding merit in the Data Processing program, and has been recommended by the faculty.

Applications must be received by the Financial Aid Office no later than October 29, 1976.

CLIFFORD E. LEE BURSARIES — EARLY CHILDHOOD EDUCATION & DEVELOPMENT

\$250.00 each will be awarded to one first year and one second year student in Early Childhood Education & Development program.

Applicants must provide evidence of financial need, ability and intent to make a useful contribution to the field of early childhood.

Application forms may be obtained from Mrs. Anne Louise Denmark, Chairman, Bursaries Committee, Alberta Association for Young Children, 10031 - 109 Street, Edmonton, Alberta, before September 15, 1976.

GRANTS TO CANADIAN ATHLETES

The Department of National Health and Welfare of Canada provides educational grants to Canadian Athletes.

Information may be obtained from the Recreation Branch, Department of Recreation, Parks and Wildlife, 9833 - 109th Street, Edmonton, Alberta.

PROVINCE OF ALBERTA CULTURAL ASSISTANCE

Cultural Assistance is designed to offer all Albertans, through financial aid, a chance to enhance their talent in a chosen field of the arts by working with or studying under professionals.

Awards are granted in five categories:

Dance, Drama, Music, Visual Arts and Crafts, Creative Writing.

Applications are assessed, basically, on three main points:

1. Adequate background and training on the part of the applicant in the field of his or her choice;
2. Indication of promise in a chosen field;
3. Financial need.

In addition, all applicants are required to submit a statement outlining a comprehensive plan for their future, especially in respect to their eventual aims and goals in their chosen field of study. Except in the case of Creative Writing, Cultural Assistance applicants must be involved, or intend to be involved, in formal study relative to their chosen field. This means that Cultural Assistance is awarded only for study in an approved course offered by a recognized school or under a qualified teacher. In the case of Creative Writing applicants, Cultural Assistance is awarded on a matching grant basis at only the Banff Centre. Preference will be given to those individuals sixteen years of age or older who have resided in Alberta for at least two years prior to applying for Cultural Assistance.

Cultural Assistance Awards do not exceed \$500.00.

Deadline for Cultural Assistance Application Forms:

Dance, Drama, Music — April 15, 1976,

Visual Arts and Crafts, Creative Writing — May 31, 1976.

Application should be made to the Department of Recreation, Parks and Wildlife, Performing Arts Branch, 9833 - 109th Street, Edmonton, Alberta.

SPECIAL STUDENT AWARDS AND SCHOLARSHIPS

MOUNT ROYAL COLLEGE MATHEMATICS PRIZE

A prize of \$50.00 to be awarded to a student demonstrating exceptional ability in Mathematics. The Department of Mathematics will be considered the selection committee for granting the award.

MOUNT ROYAL COLLEGE PHYSICS PRIZE

A prize of \$50.00 to be awarded to a student demonstrating exceptional ability in Physics. The Department of Physics will be considered the selection committee for granting the award.

WILLMOTT ANNUAL PRIZE FOR CREATIVE WRITING

A prize of \$25.00 will be presented to the student judged to have produced the best piece of creative writing — poem, fiction, essay or play — whether in the course of academic work or in a student periodical. The Department of English will be considered the selection committee for granting the award.

CALGARY B'NAI B'RITH SCHOLARSHIP

An award of \$25.00 will be presented to the student with the highest standing in the Arts and Science Programs A and C. This is an automatic scholarship.

HENRY BIRKS AND SONS GOLD MEDAL

A Gold Medal will be awarded to the student graduating from a university transfer program who in the judgement of the Scholarship Committee has shown academic merit and made an outstanding contribution to the student life at the College. This is an automatic award.

LORRAINE HILL MEMORIAL AWARD

An award of \$100.00 plus a handwritten scroll will be awarded to a full time student enrolled in the Social Work program, who has exemplified through personal development and concern for others, the values held and practised by the late Lorraine Hill, beloved teacher and social worker. The Social Work Faculty will be considered the selection committee for granting the award.

MOUNT ROYAL COLLEGE COMPUTING SCIENCE PRIZE

A prize of \$25.00 to be awarded to a student demonstrating exceptional ability in Computing Science. The Department of Computing Science will be considered the selection committee for granting the award.

REGISTERED INTERIOR DESIGNERS INSTITUTE OF ALBERTA

This award will be presented to the student showing outstanding qualifications in the Interior Design Department. The Interior Design Faculty will be considered the selection committee for this award. The student selected will receive a plaque and a complimentary student membership in the R.I.D.I.A.

ALBERTA WEEKLY NEWSPAPER AWARD — JOURNALISM

An award of \$75.00 will be awarded to the student on the basis of outstanding feature writing or top reporting ability, rather than just outstanding grades. Students will apply to the Journalism Department. The Department Head and course instructors will select the winner of this award.

THE NATIONAL COUNCIL OF JEWISH WOMEN "EARLY CHILDHOOD EDUCATION" BURSARY

An award of \$200.00 will be made to a student in the Early Childhood Education program enrolled in second year. This award will be based on academic merit and financial need. Preference will be given to mature students. The National Council of Jewish Women Scholarship Committee will be considered the selection committee for granting the award.

THE NURSING PROGRESS AWARD

An award of \$50.00 will be presented each year to the returning full time student registered in the second year Nursing program who, in the estimation of the Nursing Faculty, has made the most progress in theory and practice during the first year Nursing program. This award will not necessarily be awarded to a student with the highest academic standing, but rather to a student who has shown marked progress in her studies. This award is made available by Mrs. E. A. Soole.

ADMINISTRATIVE MANAGEMENT SOCIETY PRIZE

A prize of \$50.00 will be awarded to the student with the highest standing in the one year Certificate Program for Secretarial Arts, and the one year Certificate Program for Business Administration. This is an automatic award.

RECREATION STUDENTS' SOCIETY SCHOLARSHIP FOR THERAPEUTIC RECREATION

A \$100.00 scholarship shall be awarded to a full time returning student enrolled in the second year of the Therapeutic Recreation program who in the estimation of the scholarship committee has shown outstanding aptitude and potential for work in this field, as well as attaining notable scholastic achievement. Applications will be received by the Financial Aid Office no later than October 29, 1976.

RECREATION STUDENTS' SOCIETY SCHOLARSHIP FOR COMMUNITY RECREATION

A \$100.00 scholarship will be awarded to a full time returning student enrolled in the 2nd year of the Community Recreation program, who in the estimation of the scholarship committee has shown outstanding aptitude and potential for work in this field, as well as attaining notable scholastic achievement.

Applications will be received by the Financial Aid Office no later than October 29, 1976.

FOREST GROVE NURSING HOME PRIZE FOR THERAPEUTIC RECREATION

An award of \$50.00 will be made to an outstanding student enrolled in the second year of the Therapeutic Recreation program. The Therapeutic Recreation Faculty will be considered the selection committee for granting the award.

TOBY TROWBRIDGE MEMORIAL SCHOLARSHIP

An annual scholarship will be presented to an outstanding full time returning student enrolled in the second year of the Broadcasting program. The Faculty of Communicat-ing and Performing Arts will be considered the selection committee for this award.

AQUITAINE COMPANY OF CANADA LIMITED SCHOLARSHIPS

Two \$100.00 scholarships will be awarded to students enrolled in their second year at Mount Royal College. These will be awarded on the basis of the student's contribution to campus life during their first year at the College. The Scholarship Committee will be considered the selection committee for granting these awards.

INTERNATIONAL STUDENTS ORGANIZATION SCHOLARSHIP

An award of \$100 will be given to a second year student who is a member of the I.S.O. This award will be based on participation within the college. Financial need and academic achievement are also a consideration.

Applications will be received by the Financial Aid Office no later than October 29, 1976.

**THESE AWARDS WILL BE PRESENTED AT THE
ANNUAL SCHOLARSHIP BANQUET
November 30, 1976**

MOUNT ROYAL COLLEGE EMERGENCY LOAN FUND

With the assistance of private donors, the College has at its disposal an Emergency Loan Fund from which loans may be made to students who are unable to meet emergency expenses. In most cases interest-free loans are made pending receipt of other expected assistance.

Applications must be made to the Financial Aid Office.

DIVISION OF COMMUNITY SERVICES

It is through the energetic and exciting activities of the Community Services Division that many of the vast resources of the College are extended throughout the Calgary Community. The wide range of educational services provided by Community Services can be tailored to the requirements of either individuals or groups and presented in a flexible manner which will function within almost everyone's time, place, and working commitments.

The Community Services Division encompasses the activities of the Continuing Education Department, The Conservatory of Music and Speech Arts, the Music Development Department, the Community Development Department, and the Facilities and Tours Office. In addition, Community Services sponsors and co-sponsors short courses, seminars, conferences, workshops and master classes to meet the needs of a broad range of community interests.

Through its vested interests in many affiliate organizations Community Service is able to further extend its operations.

Also offered by Community Services are Priority Employment Programs (P.E.P.) College Preparation programs, extension credit programs at the Drumheller and Bowden Penitentiaries, Old Sun Community College, and the Morley Reservation.

LIBRARY

Members of the community may use the Mount Royal College Library resources without charge during its regular operating hours. Library cards may be obtained from the Library circulation desk. Community organizations may also register with the Library in order to borrow films.

MUSIC AND SPEECH ARTS FOR EVERYONE

Every child begins at birth the purposeful constructive work of building the adult he is to become, organizing for his own future the chaos of sounds and rhythms surrounding him. Mount Royal College recognizes as a vital part of its function the provision of good musical environment for very young children, students of all ages and help and guidance for senior citizens in their efforts to grow through musical skills and communication.

Mount Royal College offers its students the advantages of a distinguished faculty of artistic teachers working within a challenging cultural environment, an environment that dispels the idea that music may be experienced by musicians and encourages the view that music is a group exercise actively involving composer, performer and listener.

The courses offered include private study in all instruments of band and orchestra, voice and speech arts, ensemble playing, Reader's Theatre and group singing, classes in Suzuki Violin and Cello, master classes in chamber music by the "One Third Ninth Trio" and all theoretical subjects taught in class and privately. At all levels of study the student has the clear benefit of working in a conservatory atmosphere, of performing with other students and of listening to professional musicians in "Concerts at the College". The public at large is encouraged to broaden their understanding of all aspects of music, thereby increasing their opportunity to participate creatively whether they choose to perform, to write or to listen.

There are 22 Associate Branch Studios in various parts of the city. The teachers offer instruction in piano, voice, theory, wind instruments, and in speech; and are experienced and professionally qualified.

Mount Royal College is credited with the development of Reader's Theatre in Canada. Working in a group situation, the student develops his speaking potential, gains an appreciation of good literature, and experiences the rewards of entertaining and informing an audience. In addition, the Speech Arts Department realizes the needs of adults in the community and has developed a public speaking course for women and a group drama course for adults who have never had the opportunity to develop their latent acting talents. In our highly technical world the need for man to become an effective communicator is a recognized fact at Mount Royal College, and the student of speech is given every opportunity to recognize and fulfill his potential in this role.

CONTINUING EDUCATION DEPARTMENT

The Continuing Education Department is responsible for a broad range of community oriented non-credit programs for adults. Courses, workshops, conferences, seminars, forums and institutes are sponsored and organized by Continuing Education usually in conjunction with community organizations in response to a wide range of community concerns. For information on current non-credit offerings consult the latest brochure. Please direct inquiries to the Director of Continuing Education.

MUSIC DEVELOPMENT

In many ways the Music Development Department extends and complements the opportunities available to Calgarians through the Conservatory of Music and Speech Arts.

JUNIOR ORCHESTRA — members up to the age of 14 years.

CALGARY YOUTH ORCHESTRA — members from 14-21 years. The Calgary Youth Orchestra is rated as one of Canada's finest Youth Orchestras. It offers a complete orchestra training program. A number of members have advanced to play with the Calgary Philharmonic.

CALGARY COMMUNITY CHAMBER ORCHESTRA — for musicians of all ages who wish to play for pleasure.

JUNIOR CONCERT BAND — this wind ensemble welcomes all beginners and introduces young musicians to group and band playing.

STRING CHAMBER MUSIC COURSE — for small groups. Directed by Mount Royal's renowned 'artists in residence,' The One Third Ninth.

COMMUNITY DEVELOPMENT

The Community Development Department is a new venture in Community Services. Its area of endeavour includes those functions and activities of the College primarily focused upon cooperative efforts with community organizations, agencies and institutions to improve the physical, social, economic and political environment of the community.

The services of this Department are available to agencies and groups in the area served by the college. Contact 246-6452.

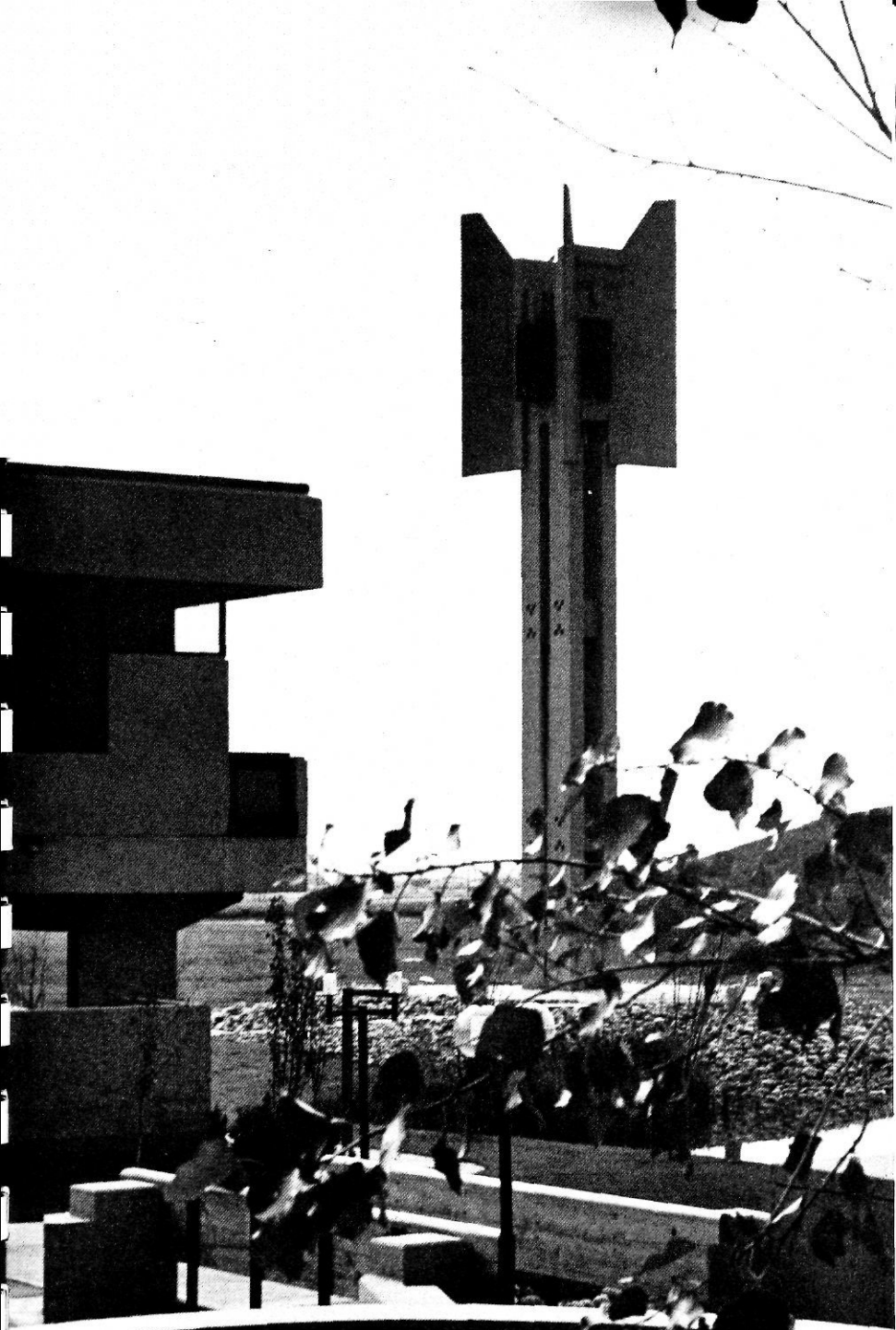
TOURS AND FACILITIES OFFICE

Arrangements for tours and rental of facilities can be made through the office of Community Services. Joint community-college educational activities will have space provided on an occasional or on-going basis as demand permits. The College facilities are a community resource and Community Services extends to the community an invitation to use these facilities to the maximum.

For information contact

COMMUNITY SERVICES KIOSK
246-6470

NOTES



college organization

HISTORY OF THE COLLEGE

Mount Royal College was founded in 1910 under the sponsorship of the Board of Colleges of the Methodist Church and through the efforts of a group of public spirited citizens, together with Rev. George W. Kerby, D.D., minister of Central Methodist Church. In the fall of that year the Legislature of the Province of Alberta granted the College a charter to conduct an institution of learning for both sexes in elementary and secondary education, and for instruction in music, art, speech, drama, journalism, commercial and business courses, technical and domestic arts. Its management and administration was placed in the hands of a Board of Governors; Hon. W. H. Cushing was appointed Chairman of the Board and Dr. George W. Kerby the first principal.

The College opened in 1911 with a registration of 154 students in its academic and commercial departments and the Conservatory of Music. Since then the College has grown steadily to approximately 3,105 full time students registered in academic programs: approximately 2,000 students in the Conservatory of Music, and approximately 4,000 students in other divisions in the 1975/76 academic year.

With the establishment of the United Church of Canada in 1925, Mount Royal College became one of the Secondary Schools of the United Church with its Board of Governors being appointed by the General Council of that church. In 1931, Mount Royal College became affiliated with the University of Alberta and the Junior College Division was organized. At the same time, the College discontinued its Elementary School.

Dr. John H. Garden became principal in 1942 when Dr. Kerby retired and served the College until 1959. The scope of the College charter was broadened by amendments and the College began teaching engineering courses in its university department. Dr. Garden conducted much of the fund raising for the erection of the Kerby Memorial Building and the G. D. Stanley Gymnasium which were completed in 1949. In the fall of 1956, the Business Administration department of the Junior College was established. To meet the immediate needs of the College, a wing was added to the Kerby Memorial Building in 1957, and remodelled and added to again in 1961.

In January, 1959, Rev. W. John Collett, D.D. was appointed as principal when Dr. Garden retired. Dr. Collett had served the College from September 1948 as its Dean.

With the granting of autonomy to the University of Alberta, Calgary, Mount Royal Junior College negotiated an affiliation agreement with the new University of Calgary in 1966.

On September 1, 1966, Mount Royal College became a public institution and the name was changed to Mount Royal Junior College. A Board of Trustees was established consisting of members appointed by the Calgary School Board, Calgary Separate School Board and the Board of Governors of Mount Royal College. Today, Mount Royal College is directed by an eight member Board of Governors consisting of the President of the college, a faculty appointed representative, a student appointed representative and five members of the community appointed by the Government.

In July, 1968, Dr. Walter B. Pentz was appointed President of the College and undertook the task of giving a new sense of direction to both the academic and architectural plans for the new campus. Mr. Douglas Lauchlan has been acting president at Mount Royal College for the academic year 1975-76. The Board of Governors will make a permanent appointment to the office effective July 1, 1976.

With its new physical structure and new educational model, the new Lincoln Park campus opened the doors to its first students in the fall of 1972. In just two short years the new campus has proved to be a priceless community resource offering unprecedented educational, recreational and social opportunities.

ADMINISTRATIVE OFFICERS

Acting President	Douglas M. Lauchlan, B.A., B.D., Grad. Diploma Ed. Admin.
Director of Planning and Development	Richard H. Cooke, B.Comm.
Director of Information	John W. Cranston, B.A.
Dean of Instruction	Daniel J. Cornish, B.A., B.E., M.Ed.
Dean of College Services	Gary W. Dean, B.A., M.A., Ed.D.
Dean of Community Services	David W. Parker, B.P.E., M.A.
Vice-President - Business Services	W. G. M. Rae

DEPARTMENT OF BUSINESS SERVICES

Vice-President - Business Services	W. G. M. Rae
Director of Finance	E. P. Schmidt, C.A.
Accountant & Bursar	K. R. Wilson
Purchasing Manager	H. J. Howard
Personnel Officer	Mrs. I. E. Pearce
Director of Food Services	Mrs. M. A. Bell, B.Sc.
Book Store Manager	Miss M. Prossak
Co-ordinator of Printing Services	D. P. Smith
Plant Engineer	M. F. Vos, B.Sc. P. Eng.
Supervisor of Caretaking	A. E. Upton
Director of Grounds and Protective Services	P. T. Cox
Chief of Security	J. H. Cowan
Supervisor of Secretarial Services	Mrs. D. Johnston

DIVISION OF COLLEGE SERVICES

Dean of College Services	Gary W. Dean B.A., M.A., Ed.D.
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College Services:

Co-ordinator of Student Affairs	Donald J. Stouffer, B.A., M.R.Ed.
— Co-ordinator of Recreational Services	Peter S. Esdale, B.S.Ed., M.Ed., M.A.
— Financial Aid Officer	Alison Laureshen
— Housing and International Students	Jessie McBean

Counselling Services

Co-ordinators of Counselling	David R. Morphy, B.A., M.A. Robert Rose, B.Ed., Grad. Dip., M.Ed.
Counsellors	Mona Birdwell, B.A., M.S. DeVaughn Demicelli, B.A., M.A., M.C. Jeanette Demicelli, B.A., M.A. Nadia Hochachka, B.Sc., M.Sc. Diane Hunter, B.A., M.A.

Counsellors	Ellen Krempien, B.Ed., Dip. Ed. Psych., M.Ed.
	Cameron A. Loveday, B.A., B.Th., M.Sc.
	Fred Miles, B.A., B.D., S.T.M.
	Roger Tierney, B.Ed., M.Ed.

Library

College Librarian	Alan Dymont, F.L.A.
Resource Librarian	Alexandra Bradley, B.Ed., B.L.S.
Resource Librarian	Sydney Goldstein, A.L.A.
Public Services Librarian: Media	Lindsay Burnham, B.A., M.L.S.
Public Services Librarian: Resource Islands	David Fox, B.A., M.L.S.
Public Services Librarian: Information	Alice Kwan, B.A. (Hon.), M.L.S.
Public Services Librarian: Circulation & Community Services	Carolyn Murray, B.A., B.L.S.
Technical Services Librarian	Ian Watt, B.A., M.L.S.

Media Services

Manager	R. E. Peturson, B.A.
Head, Technical Services	Les Konig, Dip. Eng. Elect., C.E.T.
Consultant	S. Evans, B.Sc./M.Sc./M.Ed.

Medical Health Officer	Frank L. Dallison, M.D.
Nurses	Irene Billington, R.N.
	Marilyn Siewert, R.N.

Manager, Computer Services	Fred Ogden, B.Sc.
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Placement Officer	Nathan T. Yudcovitch, B.Sc., M.Sc.
Placement Assistant	Margaret Meek

Registrar's Office

Registrar and Director of Admissions	F. R. Fowlow, B.Comm., M.A., Grad. Dip. Bus. Admin.
Associate Registrar, Student Records	D. Gerald Dennison
Assistant Registrar, Educational Liaison	Patricia Zwerman

DIVISION OF COMMUNITY SERVICES

Dean - Division of Community Services	David W. Parker, B.P.E.M.A.
Director - Continuing Education & Community Development	John Fisher, B.A., M.A.
Coordinator - Administrative Support Department	Al Tate
Continuing Education Advisor	Marilyn Peregovitz, B.A.
Community Development Advisor	Brian Rose, B.A.
Supervisor - Tours & Facilities	Bill Fraser
Coordinator - Music Development Department	Frank Simpson
Director - Conservatory of Music & Speech Arts	Dr. Leona Paterson, A.T.C.M. (Hon), A.M.R.C.

DIVISION OF INSTRUCTION

Dean of Instruction	Daniel J. Cornish, B.A., B.Ed., M.Ed.
Associate Dean of Instruction	Robert J. Gervais, B.Ed., M.A.
Program Development	Steve Bascom, B.Comm.
Program Research	Dr. N. Webber

DEPARTMENTS OF INSTRUCTION

Administrative Studies Department

Chairman — Mr. R. Wallace
Associate Diploma —
Business Administration
— General
— Accounting & Financial
Management
— Personnel Management
— Marketing Management
— Computer Programming and
Systems

Public Administration

Certificate —
Business Development
— General
— Accounting & Financial
— Personnel Management
— Marketing Management

Public Administration

Courses —
Administration
Economics
Insurance
Political Science
Real Estate

Behavioral Science Department

Chairman — Mr. L. Korella
Associate Diploma —
Arts & Science with major in
Applied Social Sciences
Criminal Justice Careers with
major in Corrections
Criminal Justice Careers with
major in Police Science
Early Childhood Education &
Development
Social Services Careers

Certificate —
Criminal Justice Careers,
Correction Officers
Criminal Justice Careers,
Police Science
Criminal Justice Careers,
Security Management
Criminal Justice Careers,
Extension Program
Early Childhood Education &
Development
Youth Services

Courses —

Anthropology
Criminal Justice
Early Childhood Education &
Development
Psychology
Sociology
Social Work

Communicating & Performing Arts Department

Chairman — Mrs. J. Dunckel
Associate Diploma
Arts & Sciences with a
major in Drama
Communications Media —
Broadcasting
Communications Media —
Journalism
Communications Media —
Public Relations
Speech
Theatre Arts

Courses —
Communications
Drama
Speech

English, Humanities & Religion Department

Chairman — Mr. R. McDougall
Associate Diploma
Arts & Science with major in
Canadian Studies

Courses —
English
English as a Second Language
French
German
History
Latin
Linguistics
Philosophy
Religion
Social Science
Spanish

Environmental Sciences Department

Chairman — Mr. R. Thirnbeck
Associate Diploma —
Community & Regional Planning
Environmental Quality Control
— Air Pollution Studies
— Water Pollution Studies
Arts & Science with major in
Petroleum Land Management
Community & Regional Planning
Certificate —
Community & Regional Planning
Environmental Quality Control
Courses —
Biology
Chemistry
Environmental Quality Control
Geography
Geology
Petroleum
Community & Regional Planning

Interior Design & Architecture Department

Chairman — Mr. R. Peterson
Associate Diploma —
Interior Design
Certificate —
Architecture
Courses —
Interior Design

Leisure Education & Physical Education

Department Chairman — Mr. G. Mundle
Associate Diploma —
Arts & Science with major in
Leisure Education
Leisure Education with major in
Community Recreation
Leisure Education with major in
Therapeutic Recreation
Arts & Science with major in
Physical Education
Courses —
Physical Education
Physical Education Service Program
Recreation
Therapeutic Recreation

Mathematics, Physics & Engineering

Department Chairman — Dr. G. Narayan
Associate Diploma —
Aviation
Arts & Science with major in
Computing Science
Arts & Science with major in
Engineering
Courses —
Aviation
Computing Science
Engineering
Mathematics
Physics

Nursing

Department Chairman — Mrs. N. Turner
Associate Diploma —
Nursing
Courses —
Nursing

Secretarial Arts Department

Chairman — Mr. E. W. May
Associate Diploma —
Medical Office Assistant
Secretarial Arts
Certificate —
Stenographic
Courses —
Secretarial Arts

INSTRUCTORS

Balcers, J.	B.A.	Michigan	Journalism
Barnhill, B.	B.I.D.	Manitoba	Interior Design
Beauvilain, M.	B.A.	Alberta	French and German
	M.A.	Alberta	
Besse, T.	B.Ed.	Alberta	Drama
	M.A.	Washington	
Bissley, G.	B.A.	U. of Aix-Marseille	French
Black, S.	B.Sc.N.	Boston College	Nursing
Blair, M. E.	B.S.	Brigham Young U.	Early Childhood
	M.A.	Brigham Young U.	Education and Development
Brindley, S.	B.Sc.	Queensland	Mathematics
	B.Ed.	Calgary	
	M.Sc.(Math)	Calgary	
	M.Sc.(Ed.)	Calgary	
Brown, N. E.	B.Sc.	Oregon	Business Administration
	M.B.A.	Oregon	
Bruce, G.	B.A.		
	(Rec.Admin.)	Alberta	Recreation Administration
	M.A.	Alberta	Community Development
Brydon, M.	B.A.	Manitoba	French
	G.Dip.Ed.	Manitoba	
	B.Ed.	Alberta	
	M.A.	Calgary	
Burgess, G.	B.A.	Saskatchewan	Biology
	M.Sc.	McGill	
Burke, R.			Police Science
Calosing, R.	B.Sc.	San Agustin	Chemistry
	M.Sc.	Alberta	
Campbell, C.	B.I.D.	Manitoba	Interior Design
Cariappa, P.	B.A.	Punjab	Early Childhood
	B.A.	Punjab	Education and Development
	M.Sc.	U. of Nebraska	
	Ph.D.	U. of Nebraska	
Collier, R.	B.A.	Carleton College	English
	M.A.	Wisconsin	
	M.A.T.	Winconsin	
Cooper, B.	B.A.	Calgary	Drama
	A.T.C.L.	Trinity, London	Speech
Craig, S.	B.I.D.	Manitoba	Interior Design
Cummings, B.	B.A.	Calgary	English as a Second Language
	M.A.	U. of Lancaster	
Cummins, K.	B.Sc.	U. College of Wales	Chemistry
	Ph.D.	U. of Wales	
		Institute of Science and Technology	
Dashwood, D.	Th.B.	American Bible College	Secretarial Arts
Daum, D.	B.A.	Saskatchewan	English as a Second Language
	B.Ed.	Saskatchewan	
	M.A.	Essex	
	M.Ed.	Toronto	
Davies, W.	B.A.(Hon.)	Wales	Political Science
	M.A.	Pacific	

Deutsch, O.	B.Sc. B.Ed. M.Ed.	Alberta Alberta Calgary	Physics
*Dunckel, J.	B.A. A.T.C.L. A.M.R.C.	Brigham Young U. Toronts Conservatory Mount Royal Conservatory	Speech
Durand, C.	B.F.A. M.F.A.	Newcomb College Tulane University	Drama
Edmonds, M.	B.A. B.S.W. M.S.W.	Alberta Toronto Toronto	Social Work
Fellows, M.	B.A. (Distinction)	U. of Calgary	Economics
Flanagan, J.	M.A. B.A. B.Ed.	U. of Calgary U.B.C. Calgary	English
Gamble, N. J.	M.A. B.A.	Calgary U. of Toronto	Psychology
Garand, H.	M.A. B.A.(Hon.) M.A.	U. of Alberta Simon Fraser U. Simon Fraser U.	English
Garrett, E.	B.Sc. M.A.	Mount Allison* Arizona State U.	Secretarial Arts
Godlovitch, S.	B.A.(Hon.) B.L.T.T.	McGill Oxford	General Education Philosophy Aviation
Graham, F. Hagerman, J.	B.A. M.S.W.	Saskatchewan British Columbia	Social Work
Haglund, W. M.	B.Sc. M.Sc.	Portland St. College Kansas	Geology
Halstead, C.	B.Sc.N.	Ottawa	Nursing
Hashman, F.	B.I.D. B.Ed.	Manitoba Calgary	Interior Design Art Education
Heath, C.	B.A. M.A.	Alberta Calgary	Sociology
Hinde, D.	B.Sc.	Alberta	Nursing
Hogan, E. P.	B.A. M.S.W.	Saskatchewan St. Patrick's	Social Work
Hollington, K.	B.A. D.P.A. M.A.	Carleton Carleton Carleton	Police Science
Howse, J.	B.Sc.	McGill	Journalism
Jarrell, J. D.	B.A. M.S.	Washington St. Oregon	Physical Education
Kanwar, M.	B.A. M.A. M.A.	Punjab Punjab Waterloo	Sociology
Kelly, P. A. T.	B.Sc. M.Sc.	Windsor Calgary	Computer Science
Kenyon, J.	B.Sc.(Hon.) M.Sc.	Alberta Calgary	Mathematics
Kernick, L.	R.I.A.	Calgary	Secretarial Arts
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Langemann, R.	B.A. M.A.	Calgary Simon Fraser	Geography
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MacLeod, H.	B.Ed.	Calgary	History
Macnab, D.F.	B.Ed. M.Ed. M.Q.	Calgary Calgary Royal Roads	Mathematics
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Morrison, P.	B.A. M.A. M.A. Ph.D.	Gonzaga Gonzaga Toronto Toronto	English
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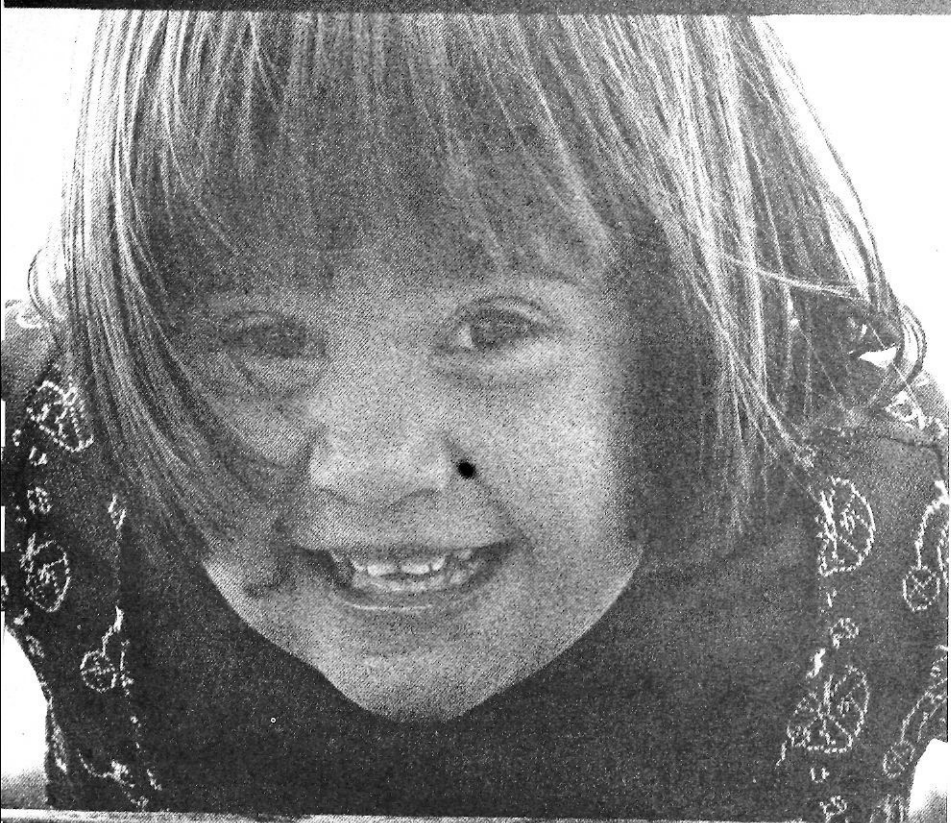
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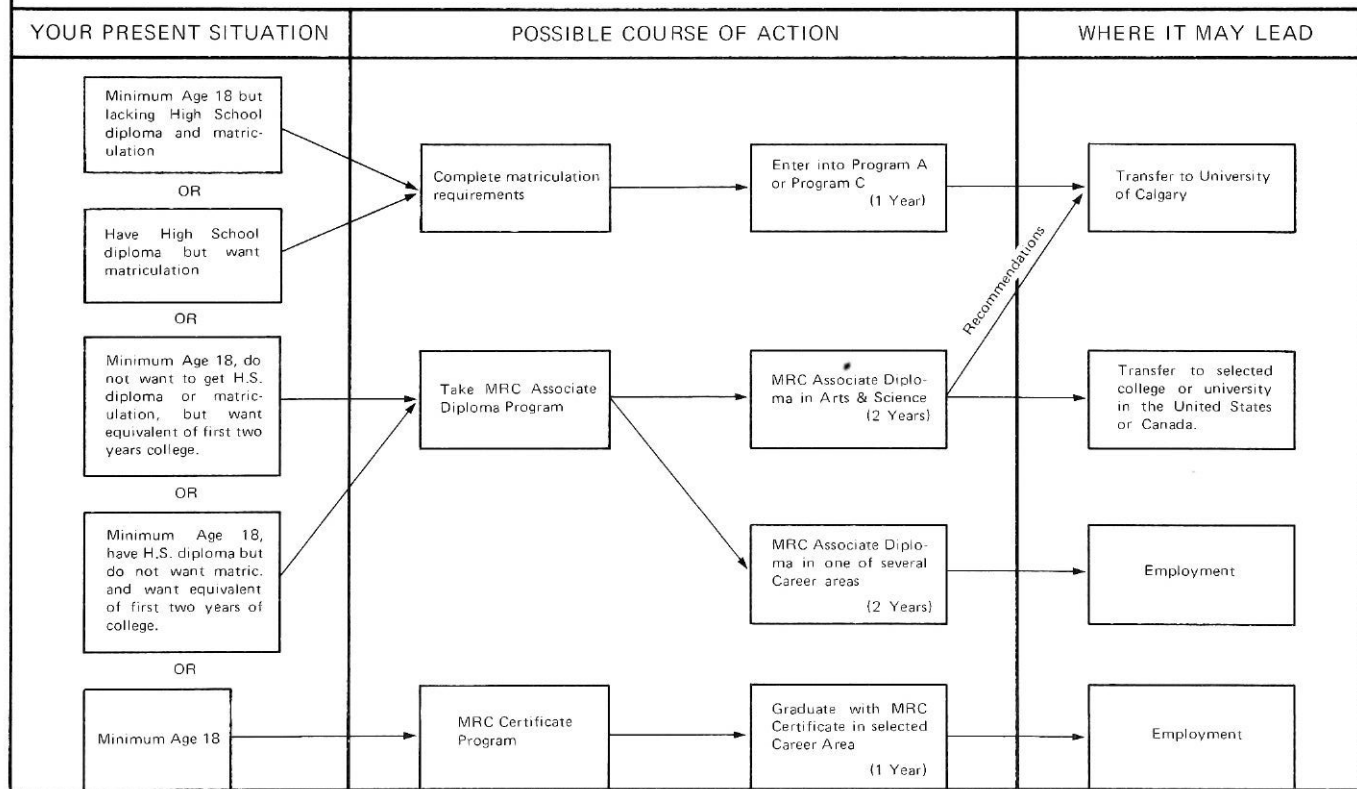
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