
CALENDAR

of

SAINT MARY'S UNIVERSITY

HALIFAX, NOVA SCOTIA

Under the direction of the Jesuit Fathers

+

1951-1952

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A. M. D. G.

HALIFAX, N. S., CANADA

1951

1951

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

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

1952

JANUARY							FEBRUARY							MARCH						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
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13	14	15	16	17	18	19	10	11	12	13	14	15	16	9	10	11	12	13	14	15
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27	28	29	30	31	24	25	26	27	28	29	..	23	24	25	26	27	28	29
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APRIL							MAY							JUNE						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
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6	7	8	9	10	11	12	4	5	6	7	8	9	10	8	9	10	11	12	13	14
13	14	15	16	17	18	19	11	12	13	14	15	16	17	15	16	17	18	19	20	21
20	21	22	23	24	25	26	18	19	20	21	22	23	24	22	23	24	25	26	27	28
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JULY							AUGUST							SEPTEMBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
..	..	1	2	3	4	5	1	2	..	1	2	3	4	5	6
6	7	8	9	10	11	12	3	4	5	6	7	8	9	7	8	9	10	11	12	13
13	14	15	16	17	18	19	10	11	12	13	14	15	16	14	15	16	17	18	19	20
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ACADEMIC CALENDAR YEAR

1951

- Sept. 4 Last day for receiving applications for supplemental examinations.
- Sept. 19-22 Supplemental Examinations.
- Sept. 18-22 Registration of day students.
- Sept. 24-25 Registration of resident students.
- Sept. 26 Feast of Canadian Jesuit Martyrs.
Secondary Patrons of Canada. CLASSES BEGIN.
- Oct. 5 Day of recollection.
- Oct. 7 Alumni General Meeting.
- Nov. 1 Feast of All Saints.
- Nov. 11 Remembrance Day. Requiem Mass for deceased Alumni.
- Dec. 8 Feast of Immaculate Conception. Patronal Feast of the University. Sodality reception.
- Dec. 11-14 Term examinations in subjects of two semesters.
- Dec. 15 Christmas vacation begins.

1952

- Jan. 8 CLASSES RESUME
- Jan. 25 Final Examinations in subjects of One Semester.
- Feb. 2 Candlemas Day.
- Feb. 15 Feast of Blessed Claude de la Colombière
Rector's Holiday.
- Mar. 7 Feast of St. Thomas Aquinas. Patron of Philosophers. Academic Program.
- Mar. 14 Public Speaking Contest.
- Mar. 19 Feast of St. Joseph. Primary Patron of Canada.
- Apr. 9 Easter Vacation begins after morning lectures.
- Apr. 15 Classes resume.
- Apr. 28 Final Examinations.
- May 9 Meeting of Senate.
- May 14 High Mass, Baccalaureate Sermon.
- May 15 Convocation.

SENATE OF SAINT MARY'S COLLEGE

As Constituted in Accordance with the Act of 1918.

CHANCELLOR

HIS GRACE, MOST REVEREND JOHN T. McNALLY, D.D.
The Archbishop of Halifax.

VICE-CHANCELLOR

RIGHT REVEREND WILLIAM J. BURNS, D.P., V.G.

MEMBERS

MOST REVEREND ALFRED LEVERMAN, D.D.,
Auxiliary Bishop of Halifax.

VERY REVEREND FREDERICK J. LYNCH, S.J. President.

GEORGE H. MURPHY, M.D., C.M., F.A.C.S.

WILLIAM F. CARROLL, B.A., LL.B., LL.D.

ERNEST I. GLENISTER, B.A., M.D., C.M.

GERALD P. FLAVIN, LL.B., K.C.

JOHN A. WALKER, M.A., LL.B., K.C.

REVEREND J. L. QUINAN, S.T.B., J.C.B., P.P.

REVEREND EDWARD M. BROWN, S.J., Sec. of Senate

RIGHT REVEREND CYRIL J. MARTIN, P.P.

WILFRED J. DYER, B.Sc., M.D.

ARTHUR J. HALIBURTON, Esq.

LIEUT-COL. SIDNEY C. OLAND, V.D., A.D.C., LL.D.

BERNARD A. O'LEARY, B.Sc., C.E., M.E.I.C.

RIGHT REVEREND CHARLES F. CURRAN, D.D., V.F.

NORMAN STANBURY, Esq.

THOMAS J. HANRAHAN, Esq.

HON. HAROLD CONNOLLY, LL.D.

SAINT MARY'S UNIVERSITY



HISTORY

AS we learn from the records of the time, the early years of the 19th century were characterized by a great and practical interest on the part of the Clergy and Catholic people of Halifax in the all-important matter of education. This interest found tangible expression in the foundation, under the inspiration of Right Reverend Bishop Fraser, of a college for Catholic students which was carried on for some years without any financial assistance from or official recognition on the part of the Provincial Government of the day. This college was situated on the site now occupied by Saint Mary's Girls' School on Grafton Street. Its first Principal was the Reverend Father R. B. O'Brien, D.D., and amongst other professors, the staff included Reverend Father Michael Hannan, afterwards Archbishop of Halifax.

In the year 1841 it was determined to make application to the Legislature for recognition and financial assistance and accordingly a measure was introduced carrying the title: "An Act for Incorporating the Trustees of Saint Mary's College at Halifax."

This Bill was entered in the House of Assembly on 17th March 1841 and passed on the 29th day of March of the same year, Mr. Joseph Howe being the Speaker of the House. Thus was the young college launched on its career as an institution of higher learning and although it had been in existence for some years previous, this date is generally accepted as that of the foundation of Saint Mary's College.

The power conferred by the Act of 1841 was granted for a period of eleven years but on the 8th day of April, 1852, a new Act was passed making the privileges of Saint Mary's perpetual.

For some years after this, the President of the College was the Reverend Father Michael Hannan who in 1861 was succeeded by the Reverend Father Patrick Power. Prominent among the students of those days were the late Archbishop McCarthy, the late Sir Malachi Bowes Daly, Lieutenant Governor of Nova Scotia, who was a Bachelor of Arts of Saint

exertions and very large pecuniary contributions" made possible its foundation.

On the gracious invitation of His Grace, Most Reverend John T. McNally, D.D., Archbishop of Halifax, and with the consent of the Very Reverend Father General of the Society of Jesus, the Jesuit Fathers of Upper Canada assumed the direction of the College in June, 1940.

On June 24th, 1943, the Archbishop of Halifax, Most Reverend John T. McNally, celebrated his seventy-second birthday by making an important announcement. The Gorsebrook Golf Club, which was the old and storied Collins' estate, had been purchased by the Archdiocese as the site of a new Saint Mary's University.

This was good news for Halifax. The Catholics of the city had long realized the need for a larger and more representative Catholic University. Saint Mary's was part of the city and had grown up with it and produced a long line of eminent men. Five times already it had changed its site to accommodate the growing numbers. Now it was to make one final move to the Gorsebrook Golf Club where thirty acres had been purchased for a new, modern, greatly enlarged building.

On these thirty acres today the new Saint Mary's is nearing completion: a central building for administration and classes, a north wing for 230 resident students, a south wing for its Jesuit Faculty. There will be accommodation for at least 800 students and provisions for the basic university courses and a private High School. The chapel is designed to seat 1,200 and will serve as a parish church for the south end of the city. Beneath it will be a galleried gymnasium and auditorium and beyond this to the south a 9¼ acre playing field that the experts say will be the best in Canada.

His Grace, the Archbishop, who is also Chancellor of the University, plans to have Saint Mary's take its lawful place among the several Universities of the Maritimes. For this purpose he is erecting what promises to be one of the finest buildings in Eastern Canada — to maintain the traditions of the past and provide for the increasing needs of the future. With its own University charter and the enthusiastic support of the Archdiocese of Halifax, Saint Mary's feels justified in looking ahead to an increasingly influential future in Catholic education.

The college and residence section are scheduled to be ready for occupation in September of this year. The Chapel will be completed in the course of the year.

College Organizations

The extra-curricular organizations listed below are officially recognized by the College. The activities of these societies, which aim at developing Christian leadership, are directed by their respective officers with the co-operation and guidance of a member of the faculty.

Eligibility

Students who represent the College in any public activity, dramatics, debating, oratorical contests or athletic competition, or hold office in any student organization, must be in good standing at the time of their election or appointment.

RELIGIOUS

The Apostleship of Prayer and League of the Sacred Heart. The object of the Apostleship is two-fold; to instil into the students that apostolic spirit which, as public men, it is hoped they will later on exercise in the world; and secondly, to join in the great work of reparation for the outrages daily offered to Our Lord.

Sodality of the Blessed Virgin Mary. The purpose of the Sodality is to develop Christian character under the protection of the Mother of God and to cultivate the lay apostolate. This two-fold purpose is achieved by conducting weekly meetings at which the Office of the Blessed Virgin is recited and instructions given, and by organizing sections for the promotion of special activities.

Saint John Berchman's Society. Its purpose is to train students for all ecclesiastical functions in the Sanctuary and to develop in them a greater appreciation of the Liturgical life of the Church.

Canadian Student Mission Crusade, St. Mary's College Unit. This organization aims at the creation of an active and effective interest in Catholic Foreign Missions. Through its activities assistance is given to the many Foreign Mission Centres.

GENERAL

Students' Council. It aims at promoting the best interest of the students by sharing with the Faculty the responsibilities of College government in all non-academic matters and in accordance with the powers conferred by the President.

Tau-Gamma-Sigma Society is restricted to students in the Faculty of Arts. Its activities are chiefly social and recreational.

The Engineering Society is open to all students in the Engineering Department. Its functions correspond, in general, to those of the Tau-Gamma-Sigma Society.

Delta-Lambda-Kappa Society. Students in the Department of Commerce are eligible for membership. The extra-curricula activities of the Commerce students are controlled by the executive of this society.

Debating Society. The membership of this Society is made up of students of Sophomore, Junior and Senior year in all faculties who are taking English 2, 3, or 4. Meetings are held weekly at which Parliamentary Debates, Open Forum, Mock Trials or other forms of public speaking offer the members ample opportunities to train themselves under direction. The activities of the society include Intercollegiate Debates, Radio debates and Forums, etc.

St. Mary's Boat Club is owned and operated by the Archdiocese of Halifax to promote a Catholic social and recreational centre. The aspiration of the College is to make this a centre where St. Mary's students and graduates meet, especially during the time of summer vacation.

St. Mary's College Athletic Association regulates the athletic activities of the students. All contests, external and intra-mural are under the direction of the executive of the Association. Prizes are provided, College Letters and other awards are regulated.

St. Mary's Playshop. A dramatic organization which prepares and present programs of entertainment under the direction of a member of the Faculty.

The Graduate Society is composed of all who have received degrees from Saint Mary's College. It possesses, under

circumstances determined by the Act of Incorporation of the College, the right of appointing a member to the Senate of the College. The Society meets annually and at such other times as circumstances may suggest.

The Alumni Society. All former Saint Mary's students are eligible for membership. The Annual General Meeting is held in October on a day appointed by the executive. The Society holds social and recreational functions during the year and presents annually a Gold Medal for scholastic competition in the College.

The Journal. A newspaper edited and issued twice a month by the students.

The Collegian. A pictorial review and record of the main events of the scholastic year.

Saint Mary's College Contingent Officers' Training Corps. The College participates in the program of academic and practical studies approved by the Department of National Defence for University undergraduates whereby students may qualify for a commission in the Canadian Army,— Active Force, Reserve Force or Supplementary Reserve. Students are selected for training by the University Selection Board, comprising a member of the Faculty nominated by the President of the University, the Commanding Officer of the Contingent and the Resident Staff Officer appointed by the Army. While undergoing both theoretical and practical summer training, the students are paid at the rates prescribed for Second-Lieutenants of the Canadian Army Reserve Force.

University Subsidization Scheme. This University participates in a plan operated by the Department of National Defence whereby a limited number of students who are beginning their final year of a Degree course are commissioned in the Canadian Army. Those selected are granted leave of absence with pay for a maximum period of eight months while they complete their academic course. This scheme has been further expanded to permit the commissioning of students at the beginning of their Junior year. These students are given leave of absence without pay for one year and then leave of absence with pay for the final year of their course.

The University Naval Training Division (U.N.T.D.) provides suitable candidates with an opportunity for undergoing training during the scholastic year and the summer vacations whereby students may qualify for commissioned rank in the Royal Canadian Navy, and Royal Canadian Navy (Reserve). While undergoing both theoretical and practical training students are paid at the regular service rates of the Royal Canadian Navy, as a cadet, of One Hundred and Sixty-two Dollars (\$162.00) per month when actually training.

St. Mary's University Training Division is a tender to H.M.C.S. "SCOTIAN", the Halifax Naval Reserve Division. Training for 1951-52 will commence the first week in October at which time recruits will be accepted.

Royal Canadian Air Force Summer Training and Subsidization Training Schemes. The purpose of the R.C.A.F. training schemes offered to undergraduates of Canadian Universities is to prepare University graduates for service with the R.C.A.F. (Reserve or Regular Force) and also to provide them with practical training in citizenship at a level commensurate with their academic attainments. While on training successful candidates are paid rates of pay prevailing for Pilot Officer rank.

PLAN OF STUDIES

Saint Mary's believes firmly that education means the full and balanced development of all the faculties of a man, and that a liberal college course is the surest means to attain that end. It stands foursquare for general education, as the one most worthy of the dignity of the human soul and the one best fitted to preserve a free society. It therefore exacts of all students, no matter what the diversity of their vocational choice may be, a large number of required courses, in the cultural areas of languages and history, religion and philosophy, mathematics and the sciences. These general subjects of education amount to more than one-half of the total course requirements toward any one of the academic degrees awarded at Saint Mary's.

CURRICULA

But the University is conscious of the dignity of the individual, and recognizes the divergence of men's inclinations and aptitudes which lead to specific vocational choices. It therefore offers a reasonable variety of course programs designed to satisfy this need. There are five major divisions, leading to the Degrees of Bachelor of Arts, Bachelor of Science and Bachelor of Commerce, and Diplomas in Journalism and Engineering.

The various Faculties, each with its own proper objective, give complete educational opportunity to Catholic young men. The Arts course is directed to basic training for professional careers. The Commerce course aims at solid business training. The Science course, with associated Engineering Diploma, prepares the student for a future in industry and scientific development. Finally Journalism with its stress on the Arts curriculum, seeks to give a basic formation in publicity, public relations and associated fields.

DISCIPLINE

It is assumed that students come to the College for a serious purpose, and that they will cheerfully conform to duly established customs, policies and rules. These regulations are intended to maintain favourable study conditions, to promote character development and to foster gentlemanly deportment. No young man of integrity and good breeding can misunderstand the purpose of each regulation—and no other kind of boy is desired at the College. The faculty, therefore, reserves

the right to censure or penalize students who are guilty of breaches of school discipline. It is the aim of the faculty to administer academic discipline so as to maintain the highest standards of integrity, yet this aim cannot be attained unless parents and guardians likewise are familiar with the routine of the school and its regulations. The registration of the student is considered an acceptance of these regulations both on the part of the student and on the part of his parents or guardian.

A candidate for a degree must be of good moral character and must have given general satisfaction throughout his course.

REGISTRATION

All applications for admission to the University should be forwarded to the Registrar. Registration will take place on the dates set forth in the academic calendar. See Bursar's Regulations for late registration fee.

All applicants for admission to the College for the first time must present satisfactory testimonials of good character.

A student entering from another College must furnish from such institution a certificate of honourable dismissal.

No applications for changes in courses will be considered unless made and received within ten days after the opening of the University term. The phrase "opening of the University term" means the date on which lectures commence.

Students who are discontinuing studies must notify the Registrar's Office.

ACADEMIC REGULATIONS

Students are required to attend all classes of their courses regularly and punctually. Classroom doors will close at the time assigned for classes.

No student who has been absent from class or comes late is admitted without written authorization from the Dean's Office. It is the right of this office to determine whether the reason for absence or being late is acceptable. Parents are asked to cooperate with the school authorities in promoting regular and prompt attendance.

When the work of a student becomes unsatisfactory or his attendance irregular, the student may be required to discontinue the class or classes involved and to be excluded from

the examinations. The decision in this rests with the Dean of the Faculty and his Advisory Board. An unexcused absence from a term or final examination is regarded as a failure in that subject.

EXAMINATIONS

The school year is divided into two Semesters or Terms. In each semester an examination in each subject is written covering the work done in class during that term. In addition, during the semester, a test may be required in any subject and this test will count for 10% of the total marks for that semester.

Supplementary examinations are written on the dates assigned in the Calendar.

A special examination is an examination written outside the time assigned for supplementary examinations and will be permitted only in cases of a student being prevented, for some satisfactory reason, from writing the regular examinations. (Special fee for this is listed in the Bursar's Regulations.)

GRADES

The pass mark in each subject is 50%. A student who attains 50% in any subject receives a credit in that subject.

A mark between 40% and 50% is a condition. A STUDENT WHO HAS RECEIVED A CONDITION MUST WRITE A SUPPLEMENTARY EXAMINATION IN THAT SUBJECT THE FOLLOWING SEPTEMBER. If a student does not write a supplementary at the prescribed time or fails in a supplementary he must repeat that subject. No more than two conditions, and consequently no more than two supplementaries, are permitted in any school year. A student who has more than two conditions must repeat those subjects in which he has conditions.

A mark below 40% constitutes a failure and the subject must be repeated.

A STUDENT ENTERING HIS SENIOR YEAR WITH A CONDITION OUTSTANDING IN ANY SUBJECT WILL NOT BE CONSIDERED A CANDIDATE FOR A DEGREE OR DIPLOMA.

No student will be admitted to a term examination, promoted from one year to another or receive any degree, diploma, certificate or transcript of record until all financial accounts have been settled.

ADMISSION REQUIREMENTS

MATRICULATION

To be admitted to College as an undergraduate a candidate must offer credit in seven matriculation subjects.

The Junior matriculation requirements are as follows:

B. A. COURSE

English

Latin

French

Algebra

Geometry

Two of: Chemistry, Physics, History, Economics, or another language.

B. COMMERCE COURSE

English

Latin or another language

French

Algebra

Geometry

Two of: Chemistry, Physics, History, Economics, or another language.

B. SCIENCE COURSE

English

French or Latin

Algebra

Geometry

Physics

Chemistry

One of: History, Economics, Chemistry, Biology, Trigonometry, or another language.

DIPLOMA IN JOURNALISM

Same requirements as for B. A.

DIPLOMA IN ENGINEERING

Same requirements as for B. Sc.

Candidates for college should during their High School keep in mind the above requirements for admission to any faculty. If the requirement, especially in languages, has not been met, it will be necessary to take a remedial course to enable the candidate to fulfil that requirement.

ACCEPTABLE CERTIFICATES

Satisfactory marks in any of the subjects listed above will be accepted as credit toward the entrance requirements if such marks are granted by any of the following examining bodies.

- (a) Certificates of the Common Examining Board of the Atlantic Provinces.
- (b) High School Provincial or "Accredited" School Certificates of Grades XI or XII of Nova Scotia issued by the Department of Education of the Province of Nova Scotia.
The pass mark on Grade XI is 50%. Marks of 40% or over on Grade XII subjects may be counted as equivalent to passes in corresponding Grade XI subjects.
- (c) Equivalent Certificates issued by Education Departments of other Provinces.
- (d) Second Year Certificates issued by Prince of Wales College, Charlottetown, Prince Edward Island.
- (e) Equivalent Certificates of Matriculation Examinations taken at Universities.
- (f) Certificates similar to the above issued by University or other official examining bodies, when found adequate.
- (g) High School or Accredited High School certificates of the Province of New Brunswick.

ADMISSION TO ADVANCED STANDING

Applicants who present Nova Scotia Grade XII certificates, or the equivalent, and whose academic record is satisfactory, receive credit in the following subjects: English 1, French 1, Latin 1, History 1, Mathematics 1.

The certificates to which these provisions apply are the following:

- (a) High School or Accredited School Certificate of Grade XII of Nova Scotia issued by the Department of Education;

- (b) Third Year Certificate as issued by Prince of Wales College, Prince Edward Island.
- (c) Certificate of the first year of Memorial University College, Newfoundland.
- (d) Equivalent Senior Matriculation Certificates issued by Departments of Education of other Provinces, or approved by the Committee on Admission.

Candidates for Engineering will not be granted advanced standing in Mathematics for Grade XII credits.

Candidates for Arts or Commerce degrees must take a required Mathematics course of two semesters.

Mathematics in Freshman Arts is a basic course in Elementary Mathematical Analysis.

Mathematics in Freshman Commerce is a Course in the application of mathematical methods.

GENERAL FEES — 1951-52

Tuition	\$150.00 a year (\$50.00 each installment)
Board, Room Rent and Laundry	\$540.00 a year (\$180.00 each installment)

PARTICULAR FEES

Registration Fee	\$ 5.00
Library Fee	\$10.00 a year
General Fee	\$15.00 a year
Caution Money—for Resident Students—	\$15.00 (refundable)
for Day Students.....	\$10.00 (refundable)
Hospitalary Fee	\$ 2.00 a day
Vacation Board and Room	\$ 3.00 a day

LABORATORY FEES

Laboratory fees are payable according to the following

list:

Chemistry 1	\$15.00
Chemistry 2	\$15.00
Physics 1	\$15.00
Physics 2	\$15.00
Physics 3	\$15.00
Draughting 1	\$ 5.00
Draughting 2	\$ 5.00
Descriptive Geometry Draughting	\$ 5.00
Graphic Statics	\$ 5.00
Schematics	\$ 5.00
Survey 1	\$12.50
Survey 2	\$12.50

Summer Survey Camp:

Fee based on room and board for three-week period.

BURSAR'S REGULATIONS

1. All fees are payable strictly in advance:
September 26th; January 8th; March 15th.

N.B.—Fees are subject to change with the varying cost of living.

3. The General Fee of \$15.00 is charged to every student and includes membership in the Athletic Association, the use of campus, gymnasium and recreational facilities, school publications (The Journal and Collegian) and auditorium concerts.

4. Students who withdraw from the College before the end of the academic year must arrange their accounts with the Bursar before departure. No refund of library or general fees can be granted. A fractional rebate for board and room and tuition may be granted for absence due to sickness, if the sickness extends beyond one month.

If a student enters the College after the date of opening, no reduction will be granted.

If a student be asked to withdraw from the College because of infractions of rules and regulations, he will not be entitled to any rebates of any fee.

5. Any damage done to College buildings, furniture or equipment will be charged to the offending students. On registering at the College each Resident student must deposit Fifteen Dollars (\$15.00) and each Day Student must deposit Ten Dollars (\$10.00) as caution money. A cheque for the unused portion of this fee will be issued to the student's parent or guardian at the end of each academic year.

6. The registration fee is charged only when a student registers for the first time. However, there is a penalty charge of Five Dollars for any student who registers late, whether registering for the first time or not.

7. The Graduation Fee with Degree is \$10.00 The Diploma in Journalism \$10.00 and Engineering \$5.00.

8. Students requiring a special examination in any subject will be charged \$5.00 a subject. Supplementary examinations are \$2.00 a subject.

9. An extra monthly charge is made in the exceptional case when a room is assigned to one student only.

10. Students who arrive before the opening day or remain at the college during vacations will be charged at the rate of Three Dollars (\$3.00) per day.

11. Outside accounts (music teacher, druggist, doctor, hospital, etc.) will not be handled by the Bursar unless a deposit has been made to cover them. Use of piano for practice will be an extra charge.

12. Resident students' spending money and personal expense money must be arranged through deposits with the Bursar by the boy's parent or guardian.

13. The College will not advance money for the purchase of text books, stationery, travel or personal expenses.

14. The College accepts no responsibility for activities or loss of time incurred by students while taking part in student activities.

15. Students who, with the approval of the Dean, register for individual subjects, will be charged at the rate of \$35.00 per subject each term, but when this charge exceeds the regular tuition, the latter rate will apply.

16. Out of town students will not be permitted to reside outside the College.

17. Students who wish to have a transcript of marks will receive two copies free. But no student will be admitted to a term examination or be promoted from one class to another or receive any report, degree, diploma, certificate or testimonial whatsoever, until his financial accounts have been satisfactorily settled.

18. Drafts, cheques, money orders, etc. should be made payable at par to SAINT MARY'S UNIVERSITY and addressed the Bursar, Saint Mary's University, Robie Street, Halifax, N. S.

FACULTIES



ARTS FACULTY

The curriculum in Arts is planned to lay the foundation of a broad and liberal education. It stresses therefore, the literary and cultural courses and aims at the development of an interest in all that is best in life. It fosters an appreciation of what is sound in philosophy and beautiful in literature and seeks not merely to familiarize the student with the great facts and movements of history but to create interest in these movements and the personalities identified with them. The formation of studious and literary habits is regarded as of greater importance than the encyclopaedic acquisition of facts, while accurate and thorough scholarship in a rather limited field is preferred to superficial acquaintance with many branches of knowledge. In this, as in all courses, classes in religious and moral topics are essential requirements.

Degree of Bachelor of Arts

FIRST YEAR	SECOND YEAR	THIRD YEAR	FOURTH YEAR
English 1	English 2	English 3	English 4
Philosophy 1	Philosophy 2	Philosophy 3	Philosophy 4
Religion 1	Religion 2	Religion 3	Religion 4
Elective A1	Elective A2	Elective A3	Elective A4
Elective B1	Elective B2	Elective D1	Elective D2
Elective C1	Elective C2	Elective E1	Elective E2

Electives A1, A2, A3, A4, are four separate courses in one subject, to be selected from the following subjects:

French, History, Latin, Social Sciences. (Political Science, Economics and Sociology, Social Problems).

Remaining electives are two-course electives and may be chosen from any of the above mentioned subjects not already chosen, or from the following:

Chemistry, History of Science, Mathematics, Physics.

If either Chemistry or Physics is elected, Mathematics must also be taken.

Latin is obligatory for two years for all Arts students.

For the combined Arts and Journalism course, as explained on page 27, the following subjects must be added to the course above required for the Bachelor of Arts degree:

Journalism 1	Journalism 2	Journalism 3
Assignment Work		English 3J.

COMMERCE FACULTY

As a broad, technical training is of paramount significance in the field of competitive business, the course leading to a degree of Bachelor of Commerce is offered to students who desire the advantage of higher education and want, at the same time, to prepare themselves for a commercial career. The aim of this faculty is to combine the cultural aspects of education with the general principles of business. The courses are of University standard and a number of them are taken in the faculty of Arts.

The degree of Bachelor of Commerce is conferred upon the satisfactory completion of a course of four years study in this Department.

The following extract from the by-laws of the Institute of Chartered Accountants of Nova Scotia is drawn to the attention of students of Commerce: "The Council, in its discretion, may reduce the period of service to two years or one and may exempt a registered student who holds a Bachelor of Commerce degree from the Primary examination of the Institute."

Degree of Bachelor of Commerce

FIRST YEAR	SECOND YEAR	THIRD YEAR	FOURTH YEAR
Accounting 1	Accounting 2	Accounting 3	Accounting 4
Economics 1	Commercial Law	Economics 3	Auditing
English 1	Economics 2	English 3	Economics 4
French 1	English 2	Philosophy 3	English 4
Mathematics 1	French 2	Political Science	History 4
Philosophy 1	Philosophy 2	Religion 3	Philosophy 4
Religion 1	Religion 2		Religion 4
			Sociology

Students in Arts may obtain the degree of Bachelor of Commerce by taking the following courses in the Faculty of Commerce, in addition to the subjects required for the Bachelor of Arts degree as shown on page 24.

Accounting 1	Accounting 2	Accounting 3	Accounting 4
	Commercial Law	Economics 3	Auditing
	Economics 2		Economics 4

If the courses in Accounting 1 and 2, Commercial Law and Economics 2 and 3 are completed before graduating in Arts, the Degree of Bachelor of Commerce can be obtained in one additional year.

ENGINEERING FACULTY

This faculty was established, in affiliation with the Nova Scotia Technical College, to prepare students who wish to qualify for a degree in Engineering. A Diploma in Engineering, which admits the holder to Nova Scotia Technical College without examination, is given for the successful completion of a three year course. Students who have received a Diploma in Engineering may obtain a Degree of Bachelor of Science by taking the Fourth Year of Engineering outlined below.

For the Diploma in Engineering, the syllabus of studies is that prescribed by Nova Scotia Technical College for the first three year of its five year course. The first three years are given only at the associated Colleges, of which St. Mary's is one together with Acadia University, Dalhousie University, King's College, Memorial University, Mount Allison University and St. Francis Xavier University.

With a Diploma in Engineering a student may enter any one of the departments of Engineering at the Nova Scotia Technical College, either Civil, Electrical, Mechanical, Chemical or Metallurgical or Mining, and obtain the Degree of Bachelor of Engineering at the successful completion of the last two years of the five year course.

Bachelor of Science with Engineering

FIRST YEAR	SECOND YEAR	THIRD YEAR	FOURTH YEAR
Chemistry 1	Chemistry 2	Chemistry 3	English 4
Draughting 1	Descriptive	Economics 1	Ethics (Phil. 3)
English 1	Geometry	Geology	Materials of
French 1	Draughting 2	Graphical Statics	Engineering
or Latin 1	Engineering	Mathematics 3	Mathematics 4
Mathematics 1	Problems	Mechanics 1	Mechanics 2
Physics 1	English 2	Physics 3	Religion 4
Religion 1	Mathematics 2	Religion 3	Strength of
	Physics 2	Survey 2	Materials
	Religion 2		Thermodynamics
	Survey 1		
	Survey Camp		

Diploma in Engineering

As in the first three years of the B.Sc. Course, with the addition of Mechanics 2 in third year.

SCHOOL OF JOURNALISM

This school was established in 1945 in co-operation with the local newspapers, the Halifax Herald, the Halifax Mail, the Halifax Star and the Halifax Chronicle. Its aim is to combine a thorough training in the techniques of newspaper work with a study of the liberal arts so as to produce skilled journalists with a broad cultural background. Professional technical courses are conducted by experienced professional journalists while the academic subjects are taken in the Faculty of Arts. At the successful completion of the three-year course a Diploma in Journalism is awarded.

Students may combine the course in Journalism with that of Arts and obtain both the Diploma in Journalism and the Degree of Bachelor of Arts; the Diploma at the end of three years, the Degree in the following year.

Diploma in Journalism

FIRST YEAR

English 1
French 1
Journalism 1
History 2
History of Science
Philosophy 1
Religion 1

SECOND YEAR

Assignment Work
English 2
French 2
Journalism 2
History 4
Psychology (Phil. 2)
Religion 2
Advertising

THIRD YEAR

English 3
Journalism 3
Ethics (Phil. 3)
Political Science
Religion 3
Sociology
Public Relations

Degree in Arts with Journalism

For this combined syllabus, the following subjects must be added to the course required for the Bachelor of Arts degree, as outlined on page 24.

Journalism 1
Assignment Work

Journalism 2

Journalism 3
English 3J

COURSES OF STUDY

Bachelor of Arts

FIRST YEAR	SECOND YEAR	THIRD YEAR	FOURTH YEAR
English 1	English 2	English 3	English 4
Philosophy 1	Philosophy 3	Philosophy 3	Philosophy 4
Religion 1	Religion 2	Religion 3	Religion 4
Elective A1	Elective A2	Elective A3	Elective A4
Elective B1	Elective B2	Elective D1	Elective D2
Elective C1	Elective C2	Elective E1	Elective E2

Bachelor of Commerce

Accounting 1	Accounting 2	Accounting 3	Accounting 4
Economics 1	Commercial Law	Economics 3	Auditing
English 1	Economics 2	English 3	Economics 4
French 1	English 2	Philosophy 3	English 4
Mathematics 1	French 2	Political Science	History 4
Philosophy 1	Philosophy 2	Religion 3	Philosophy 4
Religion 1	Religion 2		Religion 4
			Sociology

Bachelor of Science

with Engineering

Chemistry 1	Chemistry 2	Chemistry 3	English 4
Draughting 1	Descriptive	Economics 1	Ethics (Phil. 3)
English 1	Geometry	Geology	Materials of
French 1	Draughting 2	Graphical Statics	Engineering
or Latin 1	Engineering	Mathematics 3	Mathematics 4
Mathematics 1	Problems	Mechanics 1	Mechanics 2
Physics 1	English 2	Physics 3	Religion 4
Religion 1	Mathematics 2	Religion 3	Strength of
	Physics 2	Survey 2	Materials
	Religion 2		Thermodynamics
	Survey 1		
	Survey Camp		

Diploma in Engineering

As in the first three years of the B.Sc. course, with the addition of Mechanics 2 in third year.

Diploma in Journalism

English 1	Assignment Work	English 3J
French 1	English 2	Journalism 3
Journalism 1	French 2	Ethics (Phil. 3)
History 2	Journalism 2	Political Science
History of Science	History 4	Religion 3
Philosophy 1	Psychology (Phil. 2)	Sociology
Religion 1	Religion 2	Public Relations
	Advertising	

COURSES OF INSTRUCTION



ACCOUNTING

Accounting 1. Introductory. The Journal and Journalizing; the Ledger, Posting, Trial Balance; the Work Sheet, Profit and Loss statement, Balance Sheet; Cash, Purchases, Sales and General Journals; Notes and Drafts; Deferred Charges.

TEXT: Principles of Accounting—Introductory—*Finney* (Prentice-Hall)

References: Accounting, Principles and Practice—*Hatfield, Sanders, Burton.*

Three hours a week, two semesters.

Laboratory: Two hours a week, two semesters.

Accounting 2. Intermediate. Corporation accounting; Detailed asset, liability and reserve accounting; comparative statements; analysis of working capital; statement of application of funds.

TEXT: Principles of Accounting, Intermediate, *Finney.* (Prentice-Hall).

References: Intermediate Accounting, *Karrenbrock and Simon.*
Accounting, Principles and Practice, *Hatfield, Sanders, Burton.*

Lectures: Three hours a week, two semesters.

Laboratory: Two hours a week, two semesters.

Accounting 3 and 4. Advanced. Partnership Accounting; Insurance; Realization and Liquidation Account; Parent Company and Subsidiary Accounting; Consolidations, Mergers and Financing; Foreign Exchange; Estates and Trusts.

TEXT: Principles of Accounting, Advanced, *Finney.*

Reference: Principles of Accounting, *Karrenbrock & Simon.* Two Year Courses.

Lectures: Three hours a week, two semesters.

Laboratory: Two hours a week, two semesters.

AUDITING

Procedures, Explanations, Miscellaneous Papers, Records, General Ledger, Vouchers and Invoices, Audit Working Papers, Report on Examination of Accounts, Ruled Paper and File.

TEXT: Audit Practice Case. *Meyer* (Prentice-Hall)
Auditing, *Smails* (Pitman)

Lectures: One hour a week, two semesters.

Laboratory: Two hours a week, two semesters.

CHEMISTRY

Chemistry 1. General Chemistry. An introduction to fundamental principles; the kinetic molecular theory; theory of ionization and of the factors influencing reaction velocities and equilibrium; the periodic table and the properties and reactions of representative elements.

TEXT: College Chemistry, *Smith*, (Appleton-Century)

Lectures: Two hours a week, two semesters

Laboratory: Three hours a week, two semesters.

Chemistry 2. Inorganic Analytical Chemistry. An introductory course in the theory and techniques of inorganic qualitative analysis; detection of acidic and basic radicals in mixtures of salts; Ionic equilibria, solubility products, etc.

TEXTS: Qualitative Analysis, *Engelder*, (John Wiley).

Qualitative Analysis, *Hardsuch*, (John Wiley).

Lectures: One hour a week, two semesters.

Laboratory: Six hours a week, two semesters.

Chemistry 3. Theoretical Chemistry. A lecture course dealing with present-day theories of atomic and molecular structure and the modern interpretation of the more important chemical phenomena.

TEXT: Principles of Chemistry, *Hildebrand*, (Macmillan).

Two hours a week, two semesters.

Chemistry 4. Organic Chemistry. A study of the chief aliphatic and aromatic compounds in particular of those of greater importance to industry or medicine.

TEXT: Organic Chemistry: *Perkin & Kipping*, (Lippincott).

Lectures: Three hours a week, two semesters.

Laboratory: Three hours a week, two semesters.

COMMERCIAL LAW

Negotiable Instruments and their validity; contracts and terms of sale; legal liability in various business transactions; company formation and dissolution; bankruptcy; insurance; more important Canadian legislation affecting trade and commerce.

TEXT: Summary of Canadian Commercial Law, *Anger*, (Pitman & Sons).

Two hours a week, two semesters.

DESCRIPTIVE GEOMETRY

Problems on points, lines, plane and warped surfaces, with emphasis on practical draughting related to mining, construction, geological and topographical applications.

TEXTS: Applied Descriptive Geometry, Warner, (McGraw-Hill).

Applied Descriptive Geometry Problems (Warner & Douglas, McGraw-Hill).

Three hours a week, two semesters.

DRAUGHTING

Draughting 1. The work of this course has been so arranged as to develop the technical skill of the student and to train him to visualize and reproduce simple objects by drawings. Special attention is given to lettering.

TEXTS: Technical Drawing; Technical Drawing Problems, Giesecke, Mitchell & Spenser, (Macmillan).

Three hours a week, two semesters.

Draughting 2a. Plotting, by various methods, the notes taken during area surveys at summer camp.

Two hours a week, one semester.

Draughting 2b. Advanced machine draughting with an introduction to the theory of oblique drawing and perspective. The use of auxiliary views, employing more difficult problems in sectioning and dimensioning.

TEXT: Technical Drawing, Giesecke, Mitchell & Spenser, (Macmillan).

Three hours a week, one semester.

ECONOMICS

Economics 1. *General Principles of Economics.*

Human Wants and Scarcity; fundamental concepts; characteristics of Capitalism; nature of Production, productive factors; Economic specialization; organization of Business,

Business units, Business risks; Exchange, Money; Investment and Commercial Banking; fluctuation in purchasing power, in Business activity; price determination; Costs of Production; competitive prices, monopoly prices; International Trade, distribution of Income; Rent, Wages, Interest, profits; the principles of Consumption.

TEXT: Fundamentals of Economics, *Gemmill*, (Harper).

Three hours a week, two semesters.

Economics 2. Canadian Problems.

National and Political life; Economic developments; Population and its problems; the growth of Industry and Commerce; Agriculture in the economy of Canada; Banking and Currency; Transportation.

Reference: Report of the Royal Commission on Dominion-Provincial relations. Book 1. (Sirois Report) Canada: 1867-1939.

Three hours a week, one semester.

Regular compulsory assignments.

Economics 3. Corporation Finance.

The Corporation and its Financial Structure; Common Stock; Stocks with preferences; Bonds; the promotion of a Business; Valuation of a Business; Financing manufacture; Promotion of a Public Utility; marketing of Securities; Working Capital; Adjustments for wasting assets and future losses; computation of Surplus; distributing Profits; the voting trust; Investment Companies; Business expansion; Industrial combinations; Corporation failures, reorganizations.

TEXT: Corporation Finance, *Dewing*, (Ronald Press).

Three hours a week, two semesters.

Regular compulsory assignments.

Economics 4. American Economic History. (1949-1950).

Economic causes of the American Revolution; Finance and Tariff; Westward expansion from the Revolution to the Civil War;; Economic causes of the Civil War, significance;

the Agrarian Revolution; the Industrial Revolution; consolidation of Business; the Labor movement; Financial History since 1860; Economic Imperialism; First World War; Economic Depression and Collapse; the New Deal; World Economic relations.

TEXT: American Economic History, *Faulkner*, (Harper).

Three hours a week, two semesters.

Regular compulsory assignments.

ENGINEERING PROBLEMS

The application to practical problems of all mathematics and physics already covered or presupposed. The course serves as a review of acquired knowledge and aims at developing thoroughness and accuracy.

TEXT: Mathematics for Engineers, Vol. 1. *Rose*,
(Chapman-Hall).

Three hours a week, two semesters.

ENGLISH

English 1.

1a. *Survey of English Literature, from the Anglo-Saxon Invasion to the middle of the Seventeenth Century*, with special attention to Bede, Malory, Chaucer; More, Spenser, Southwell, Campion.

1b. *Elizabethan Drama*: Shakespeare, Marlowe, Ben Jonson; for intensive study, Hamlet, Macbeth.

1c. *The Theory of Poetry*. The basic elements of poetry; experience, imagery, feeling, rhythm, language: technical elements, versification; stanza forms, melody: illustrative reading and training in critical appreciation.

1d. *Composition*. Regular assignments on the matter treated in the previous sections.

1e. *Debates*, under direction. All students must take part in the schedule of debates for the season.

TEXTS: *The Literature of England, Vol I., Woods, Watt, Anderson*, pp. 1-563, (Scott, Foresman).

Composition text *American College English* (Gage)

Five hours a week, two semesters.

English 2.

2a. *Survey of English Literature, XVII - XVIII Century*. Donne, Herrick, Crashaw, Isaak Walton; Milton, Bunyan; Butler, Pepys, Dryden, Addison, Swift, Pope, Goldsmith, Samuel Johnson, Edmund Burke, Boswell, Sheridan.

2b. *Shakespearean Drama*. Study and discussion of the plays of Shakespeare and the literary canons they exemplify. References to and evaluation of representative Shakespearean critics. For intensive study, Othello, King Lear.

2c. *The Essay*. A critical study of the Essay, its literary content, characteristics and origin.

2d. *Composition*. Critical and Imitative essays on the authors studied.

2e. *Debating*. One hour a week. Active membership in the College Debating Society is a requisite of English II.

TEXT: Literature of England, Vol. I.: *Woods, Watt, Anderson*, pp. 563 sqq., (Scott, Foresman).

Four hours a week, two semesters.

English 3.

3a. *English Literature: the Age of Romanticism*. The approach to Romanticism, Gray, Cowper, Burns, Blake: Romantic Poetry, Wordsworth, Coleridge, Scott, Byron, Shelley, Keats; the minor poets, Southey, More, Hood, Landor: Romantic Prose, Lamb, Hazlitt, De Quincey.

The Victorian Era. Prose: Macaulay, Newman, Carlyle, Ruskin, Matthew Arnold, Pater:

Poetry: Tennyson, the Brownings, Newman, Emily Bronte, Matthew Arnold, Rosetti, Thomson, Meredith: Fitzgerald, Swinburne.

3b. *Nineteenth Century Novelists*. Scott, Jane Austen, Dickens, Thackeray, the Brontes, George Eliot, Trollope, Meredith, Hardy, Stevenson, Bennet, Henry James.

3c. A critical study of the novel, as exemplified by the authors read during the year.

3d. Monthly essays on the Literature studied, and at least six critical book reports on Novels of the authors studied.

3e. *Debating*. One hour a week. Active membership in the College Debating Society is a requisite of English III.

TEXTS: The Literature of England, Vol II; *Woods, Watt, Anderson*, (Scott, Foresman).

Four hours a week, two semesters.

English 4.

4a. *Twentieth Century Literature*. Modern trends, and living authors, analyzed and criticized; drama, poetry, fiction, essays.

The Catholic Revival. The Wards, Alice Meynell, the Maynards, Chesterton, Belloc.

4b. Modern Drama, the One-Act Play.

4c. The Short Story.

4d. Composition. Essays imitative of modern trends in style. Letter writing and Business Composition. Debating material, Radio talks.

4e. Debating. Active membership in the College Debating Society.

TEXTS: The Literature of England, Vol. II, *Woods, Watt, Anderson*, (Scott, Foresman).
The Catholic Revival in Literature, *Alexander*, (Bruce).

Four hours a week, two semesters.

FRENCH

French 1. A thorough review of Grammar, supplemented by a course of translation from French into English and English into French, involving harder syntactical constructions. Drill in dictation and conversation. Translation from modern authors into English.

Three hours a week, two semesters.

Text: To be announced.

French 2. Grammar review emphasizing verb forms and idiomatic expression. A part of each period will be devoted to French conversation. A study of two selected classics, one each semester. Readings and conversations on material in "Figaro".

Three hours a week, two semesters,

Text: To be announced.

French 3. A survey of French Literature from the Renaissance to the Revolution.

A critical study of representative essayists, dramatists and poets: Ronsard, Montaigne, Corneille, Moliere, LaFontaine, Racine.

Collateral readings and reports.

Three hours a week, two semesters,

Text: To be announced.

French 4. History of French Literature of the Nineteenth and Twentieth century. Selections from Lamartine, Merimee, Balsac, Hugo, Daudet.

Study and book reports on contemporary writers.

Three hours a week, two semesters,

Text: To be announced.

GEOLOGY

This course lays special emphasis on the application of geologic principles to the problems of engineering. A brief synopsis of stratigraphical and historical geology. A microscopic study of rocks with special reference to forms of description and methods of classification as represented by a standard set of fifty books. Thesis Requirement on the Geological Structure of Nova Scotia.

TEXT: Geology, *Emmons, Thiel, Stauffer, Allison*, (Ginn).

Three hours a week, two semesters.

GRAPHICAL STATICS

Equilibrium polygon and polygonal frames for all systems of loads; graphical representations of shears and moments for non-continuous and continuous beams; roof trusses; dead, live and wind load stresses for fixed ends and ends on rollers; maximum stresses; simple bridge trusses; simple cantilevers.

TEXT: Applied Mechanics, *Poorman*, (McGraw-Hill).

Three hours a week, two semesters.

HISTORY

History 1. *Mediaeval History.* From the beginning of the Christian era to 1500 A.D. Conflict between Paganism and Christianity; Constantine; the Invasion of the Barbarians; the evangelization of Europe; the Empire of Charlemagne; Germany and the conflicts between Empire and Papacy; Norman conquests of England and Italy; the invasion of Ireland; France under the Capetians; the Hundred Years War; Feudalism; Chivalry; the Crusades; the Universities; the Great Schism of the West; Portuguese explorations and the voyages of Columbus.

TEXT: Christian Era, Weber Vol. I., (Catholic Education Press).

Two hours a week, two semesters.

History 2. *Renaissance, Reformation, Revolution.* 1500-1815 A.D. Background of the Renaissance in Italy; Petrarch and Dante; European Literature and Culture in the fourteenth and fifteenth centuries; the Humanists.

The Reformation: Religious conditions in Europe in the fifteenth century; Luther; the course of the Reformation in the sixteenth century; the Counter-reformation.

Empire of Charles V; the Thirty Years War; Age of Louis XIV; Wars, Social conditions; Conflict of English and French interests in America and India; Seven Years War; development of Prussia; the French Revolution; Robespierre; Napoleonic Era.

TEXT: Political and Cultural History of Modern Europe, Vol. I, Hayes, (Macmillan).

Two hours a week, two semesters.

History 3. *Modern History.* 1815-1914 A.D.

The era of Metternich, 1815-1830, Congress of Vienna; the Industrial Revolution; Democratic Reform; Revolutions of 1848; the growth of Nationalism; Karl Marx and Modern Socialism; Anarchism and Syndicalism; Great Britain and Ireland; Latin Europe; Teutonic Europe; the Russian Empire; dismemberment of the Ottoman Empire; the New Imperialism.

European civilization in America and Africa; the British Empire; International relations, (1871-1914).

TEXT: A Political and Cultural History of Modern Europe, Vol. II, *Hayes*, (Macmillan).

Two hours a week, two semesters.

History 4. *History of Today.*

World War I, 1914-1919; its background and immediate causes; the entry of the United States; military operations; poison gas and propaganda; peace moves and war aims; the Peace Conference of Paris; the Treaty of Versailles; other peace treaties.

Twenty Years Armistice; the League of Nations; Reparations; the Depression; unrest; national developments in Great Britain, Ireland, France, the Far East, the United States.

Second World War, 1939-1945; the background; outbreak of war; the Sitzkrieg, Blitzkrieg; the fall of France, the Battle of Britain; invasion of the Soviet Union; Pearl Harbour and the entry of the United States; the African Campaign; Italy; the invasion of Normandy; Victory in Europe; the Atomic Bomb; Victory in Japan; the aftermath.

TEXT: The World since 1914, *Langsam*, (Macmillan)

Two hours a week, two semesters.

HISTORY OF SCIENCE

The purpose of this course is not only to give an outline of scientific progress through the ages, but also to trace the influence of the scientific background on literature and political thought. The course falls naturally into six parts: Science in the Ancient World, The Middle Ages, The Renaissance, The Newtonian Revolution, The Nineteenth Century and the New Era in Physics.

TEXT: A Short History of Science, *Sedgwick, Tyler & Bigelow*, (Macmillan).

REFERENCES: The Rise of Modern Physics, *Crew*: History of Mathematics, *Ball*: The History of Biology, *Norden-skiold*: A History of Chemistry, *Brown*: Greek Astronomy, *Heath*: A Short History of Medicine, *Singer*, The Autobiography of Science, *Moulton and Schifferes*.

Two hours a week, two semesters.

JOURNALISM

Journalism 1. *Introduction to Journalism.* Subjects to be discussed in lectures will include: Journalism as a Career, News Values; Style of News Writing; Construction of Articles. Minor assignment work, instruction in interviews, etc.

Two hours a week, two semesters.

Journalism 2.

2a. Reporting and newswriting, including assignments along the lines of actual newspaper work. Training for more important duties in the writing field. Advertising.

Two hours a week, one semester.

2b. Copy and proof-reading, headline writing. Background training for desk-work and accurate and effective handling of news material.

Two hours a week, one semester.

Journalism 3.

Newspaper editing, features, editorials, newspaper policy and practice. Public Relations.

Two hours a week, two semesters.

LATIN

Latin 1.

- 1a. *Authors.* Cicero, Pro Archia; Virgil, Aeneid II; Ovid, Metamorphoses; Sallust, Bellum.
- 1b. *Composition.* Based on prescribed authors.
- 1c. *Roman History.* Text to be announced.

Three hours a week, two semesters.

Latin 2.

- 2a. *Authors.* Cicero, Pro Lege Manilia; Livy, Book XXI; Virgil, Aeneid VI.
- 2b. *Composition.* Based on prescribed authors.
- 2c. *History of Latin Literature.* Latin Literature, Mackail.

Three hours a week, two semesters.

Latin 3.

- 3a. *Authors.* Horace, Odes & Epodes, Ars Poetica, Satires & Epistles.
- 3b. *Composition.* Bradley's Arnold, ex. 1-34.
- 3c. *Latin Prosody,* A study of the rules of Latin prosody, scansion and verse forms.

Three hours a week, two semesters.

Latin 4.

- 4a. Tacitus; the minor poets, Ennius, Catullus, Tibullus, Phaedrus, Seneca, Martial.
- 4b. *Composition.* Bradley's Arnold, exercises 35-57.
- 4c. *Ecclesiastical Latin.* From Latin for Use, Holsapple, (Crofts).

Three hours a week, two semesters.

MATERIALS FOR ENGINEERING

A presentation of the physical properties of common materials used in structures and machines, together with descriptions of their manufacture and fabrications. Test machines and Standard Tests.

TEXT: Properties of Materials of Engineering, *Murphy* (International Text Book)

One hour a week, two semesters.

MATHEMATICS

Mathematics 1A (Arts)

1a. An analysis of arithmetic, algebraic and geometric fundamentals and their application to practical problems.

Three hours a week, one semester.

1b. Elementary Trigonometry and an introduction to Calculus.

TEXT: To be announced.

Three hours a week, one semester.

Mathematics 1C (Commerce)

2a. *Mathematics of Finance.* Commercial Algebra, Equations, Proportion, Percentage, Interest, Discount, Exponents, Radicals, Compound Interest, Annuities, Life Insurance

Three hours a week, two semesters.

TEXT: *Mathematics of Finance: Simpson, Pirenne, Crenshaw.* (Prentice-Hall).

2b. *Statistical Procedures.* Measurement of Centric Tendencies and Variability, Correlation, Reliability, Multiple Factor Analysis, Variance.

TEXT: *Statistical Procedures and Their Mathematical Bases. Peters and VanVoorhis.* (McGraw-Hill)

Mathematics 1E (Engineers and Science)

1c. A practical analysis of basic mathematical procedures and their application to engineering problems, to be concurrently with Mathematics 1d and 1e.

1d. *Advanced Algebra*. Graphs, Theory of Quadratic Equations; Maximum and Minimum Values of Simple Functions; Ratio and Proportion; Variations, Progressions, Simple Series; Permutations and Combinations; Binomial Theorem; Determinants.

1e. *Trigonometry*. Plane Trigonometry including Identities, Equations, establishment of the ordinary formulae, Logarithms, Solutions of Triangles, Heights, Distances.

TEXTS: Senior Algebra, *Crawford*. (Macmillan)
Basic Mathematics. *Keller, Zant*. (Houghton, Mifflin)
Elementary Trigonometry, *Evans*. (Ginn)
Five hours a week, two semesters.

Mathematics 2E.

2c. *Analytic Geometry*. Co-ordinate systems, Transformations, Loci and their equations, the Straight Line, Circle, Parabola, Ellipse, Hyperbola; elementary Analytic Geometry of three dimensions.

2d. *Differential Calculus*. Study of the Infinitesimals, Limits, Limiting Values of Ratios, Differential Coefficient, Differentiation of Simple, Complex and Transcendental Functions; Equations of Tangents and Normals; lengths of Subtangents and Subnormals; determination of Angles of Intersections of Curves; Problems on Rates, Maxima and Minima.

TEXT: Calculus, *Evans*, (Ginn).

Three hours a week, one semester.

Mathematics 3. *Integral Calculus*, Standard methods of Integration Formulae. Use of Calculus in determining Area, Volumes, Centroids, Moments of Inertia, Lengths of Curves and in the solution of other problems occurring in Mechanics and General Physics. An elementary study of Differential Equations.

TEXT: Calculus, *Evans*, (Ginn).

Three hours a week, two semesters.

Mathematics 4.

4a. *Mathematical Analysis.* Complex Quantities and their Graphical representation, De Moivre's Theorem, Hyperbolic Functions, Expansion of Functions, Fourier's Series, Probability.

TEXT: Practical Mathematics for Advanced Technical Students, *Mann*, (Longmans).

Three hours a week, one semester.

4b. *Spherical Trigonometry.* Relations between the sides and angles of a spherical triangle. Solution of the terrestrial and astronomical triangles. Problems in navigation, surveying and astronomy.

TEXT: Spherical Trigonometry, *Murray*, (Longmans).

One hour a week, one semester.

4c. *Differential Equations.* A study of Differential Equations and their applications, more advanced than in mathematics 3.

TEXT: Differential Equations, *Murray*, (Longmans).

Two hours a week, one semester.

MECHANICS

Mechanics 1. *Mechanics of Machines.* Motions and Velocities; Instantaneous Center; Kinematic Chain Velocity diagrams; Cams, Gearing, Belting, Intermittent Motions.

TEXT: Kinematics of Machines, *Guillet*, (Wiley)

Four hours a week, two semesters.

Mechanics 2. *Applied Mechanics.* Co-planar force systems; graphical and analytic methods, application to determination of stresses in common trusses and cranes; Friction, determination of Centroids and Moments of Inertia. Rectilinear, Curvilinear and Rotational motion of particles and solid bodies. Work, Energy and Power. Impulse of Momentum.

TEXT: Applied Mechanics, *Poorman*, (McGraw-Hill).

Three hours a week, two semesters.

PHILOSOPHY

Philosophy 1.

1a. *Logic*. Formal Logic, in the traditional manner, to which is added an elementary course in induction.

TEXT: Folio

References: Science of Correct Thinking, *Bittle*. (Bruce)
Formal Logic, J. Maritain.

Three hours a week, one semester.

1b. *Epistemology*. The problem of knowledge; truth and error; certitude; motives for certitude; Scepticism, Cartesian Doubt, Idealism, Relativism, Pragmatism, the problem of the Universals, the criterion of truth; Induction and Deduction.

TEXT: Reality and the Mind. *Bittle*. (Bruce)

Three hours a week, one semester.

Philosophy 2. *Psychology and Natural Theology* (1950-1951)

2a. General Introduction to Psychology. Man is studied as a living organism. The nature of life, the nervous system, the senses, internal and external; imagination, memory, instinct and appetite are studied as functions of the animal organism. Modern experiments in psychology are surveyed and their contributions evaluated. Man is then studied as a rational animal. Intellection, volition, freedom of the will, the nature of the soul, its spirituality, immortality and its origin. The human person and its destiny.

TEXT: The Whole Man. *Bittle*. (Bruce)

References: Psychology, *Maher*

Principles of Psychology, *Harmon*

Summa Theologica, Part 1, *St. Thomas Aquinas*.

2b. *Natural Theology*. The existence of God, His nature and attributes. Creation, Providence. Theism and Atheism.

TEXT: Special Metaphysics, Part II, Natural Theology.
McCormick (Loyola)

References: Natural Theology, *Joyce*.

Manual of Scholastic Philosophy, *Mercier*.

Psychology: 60 hours. Natural Theology, 30 hours.

Philosophy 3. (1951-1952)

3a. *Ethics.* (1) General Ethics. The nature of human acts; the morality of actions; the distinction between moral good and moral evil; duty; natural law, positive law; norm and criteria of morality, rights.

(2) The application of general principles; individual and social right and obligations; Natural Religion; nature of private property; domestic society; marriage and divorce; civil society, its nature and forms; socialism; the philosophy of Communism. Church and State; international law; peace and war.

TEXT: Folio

References: Liberty, Its Use and Abuse. *Cox.*
The Science of Ethics. *Cronin.*
Reading in Ethics. *Leibel.*

Four hours, one semester.

3b. (1) *General Metaphysics.* Ontology; the notion of Act and Potency; the notion of Being; Causes and the Principle of Causality; Finality; the Transcendentals; the Predicaments; Substances and Accidents; Relations.

TEXT: The Domain of Being. *Bittle* (Bruce)

References: The Philosophy of Being. *Renard.*
General Metaphysics. *Rickaby.*
Manual of Modern Scholastic Philosophy
Mercier.

(2) *Special Metaphysics.* Cosmology: the nature and origin of the material universe; the nature of physical bodies; the constitution of matter; space, time, motion.

References: From Aether to Cosmos. *Bittle.* (Bruce)
Cosmology, *Williams.*

Four hours, one semester.

Philosophy 4.

4a. Ancient Philosophy with particular attention to the teachings of Socrates, Plato, Aristotle and Plotinus among the Greeks; and to St. Augustine as representative of the early Christian philosophers.

4b. *Mediaeval Philosophy*: the development of Scholastic Philosophy and the system of St. Thomas Aquinas as the complete synthesis of Mediaeval thought.

4c. *Modern Philosophy*: Descartes, Locke, Hume, Kant, Hegel, Comte and Spencer are taken for special study. The revival of Scholasticism and the Realistic movement are treated as present day tendencies.

References History of Mediaeval Philosophy. *DeWulf*.
Origins of Contemporary Philosophy.
Mercier.
History of Philosophy. *Turner*.
History of Philosophy. *Copleston*.

Three hours per week, two semesters.

PHYSICS

Physics 1. *General Physics.* Introduction to Mechanics, Sound, Light, Heat and Electricity.

TEXT: College Physics, *Stewart*, (Ginn).

Lectures: Three hours a week, two semesters.

Laboratory: Three hours a week, two semesters.

Physics 2. *Light, Heat and Sound.* Basic Physical laws related to Light, Heat and Sound are integrated and verified experimentally.

TEXT: Sound, Light and Heat, *Duncan and Starling* (Macmillan).

Lectures: Three hours a week, two semesters.

Laboratory: Three hours a week, two semesters.

Physics 3. *Electricity.*

3a. *Magnetism and Electricity.* Direct and Alternating currents with a practical mathematical analysis.

3b. *Electronics.* A lecture and laboratory course in which the basic principles and applications of thermionic emission are studied and investigated experimentally.

TEXTS: Elements of Electricity, *Timbie*, (John Wylie).

An Introduction to Electronics, *Hudson*, (Macmillan).

Lectures: Three hours a week, two semesters.

Laboratory: Three hours a week, two semesters.

POLITICAL SCIENCE

The State or Body Politic as distinct from the Nation; History and determining elements. Types of States: forms of Government; theories of the State, Anarchism, Socialism, Socialism, Bolshevism, Fascism; the totalitarian concept of government in theory and practice.

The Legislature, Executive and Judiciary in modern constitutional law; bicameral and unicameral systems; the Senate, various methods of democratic representation; referendum and plebiscite.

Constitutions of states; the British and American Constitutions; evolution of the British Commonwealth of Nations.

International relations and international law. Treaties. The League of Nations. The Permanent Court of International Justice. The Atlantic Charter. The Yalta Agreement. The Charter of the United Nations.

TEXT: This course will be taught principally from Government publications, national Constitutions and other pertinent documents.

Three hours a week, two semesters.

RELIGION

Religion 1. The Christian Revelation; the documents of revelation, the Gospels, their genuinity and trustworthiness; Christ's claims, a Prophet, the Messiah, the Son of God, True God; the proofs of Christ's claims, His prophesies and miracles, the Resurrection. The Church of Christ; its mission; the College of Apostles; the Primacy of Peter; Authority, Infallibility, Necessity of the Church; its marks, One, Holy, Catholic and Apostolic. Church and State.

TEXT: The Defense of the Catholic Church, *Doyle*, (Benziger).

Four periods a week, two semesters.

Religion 2. Faith, nature and obligation; the Rule of Faith; the existence of God, His Attributes; the Trinity; the Creator; Creation and Evolution; the end of Creation; Original Justice and Original Sin; the Immaculate Conception; the Human Soul; the Angels; Judgment, Hell, Purgatory, Heaven.

TEXT: God and Creation, *Chetwood*, (Benziger).

Four periods a week, two semesters.

Religion 3. Redemption; the hypostatic union; the human will and human intellect of Christ; the Redeemer; Priest, Prophet and King; the worship of Christ. Mary and the divine maternity; devotion to Mary and the Saints; veneration of relics and images; Actual grace, its necessity; Efficacious grace; Justification and Sanctifying Grace.

TEXT: God the Redeemer, *Herzog*, (Benziger).

Four periods a week, two semesters.

Religion 4. The Sacraments, their institution, nature and effect. The Sacrifice of the Mass. All are related in detail with proofs and explanations from the Scriptures, tradition, the teachings of the Fathers, the Councils.

TEXT: Channels of Redemption, *Herzog*, (Benziger).

Four periods a week, two semesters.

SOCIOLOGY

Man as a Social Being; complexity of Social Life; external and internal influences on man; the Family; present-day decadence in family life; the State; history of Occupational Society; working conditions and workers' risks; Trade Unionism and Co-operation; organized Occupational Society; International Society; the School group; Housing and Recreation; Dependency and Relief; the Defective; Delinquency; the Race problem and the Immigrant; Catholic Action.

TEXT: Fundamental Sociology, *E. J. Ross*, (Bruce).

References: Current Social Problems, *Mihanovich*.

Catholic Social Principles, *Cronin*.

Introduction to Sociology, *Murray*.

Current Government Publications; *Papa*
Encyclicals.

Three hours a week, two semesters.

STRENGTH OF MATERIALS

Simple Stresses; Shear; Riveted Joints; Stresses in Thin Walled Cylinders; Welds; Torsion; Shear and Moment Diagrams for Beams; Stresses in Beams; Beam Deflection; combined Axial and Bending Stresses; Eccentric loads, Columns.

TEXTS: Strength of Materials, *Poorman*, (McGraw-Hill).
Steel Construction, (American Institute of Steel Construction).

Three hours a week, one semester.

SURVEYING

Survey 1. A preliminary course dealing with the theory, adjustment, use and care of surveying instruments; fundamental surveying methods: measurements of lines, angles, differences in elevation; field practice in pacing, taping, surveying of areas, differential leveling.

TEXT: Elementary Surveying, *Breed and Hosmer*, (John Wiley).

Three hours a week, two semesters.

Survey Camp. A three weeks surveying camp is held during the summer for all students who have completed Survey 1. The field work will include differential and profile leveling, traversing, topographical surveys, observation for meridian. This is a pre-requisite for Survey 2.

TEXT: Surveyors' Field Note Forms, *Bardsley & Carlton*, (International Text Book Co.)

Survey 2. Lecture course in the mathematical treatment of circular and parabolic curves, the computation of earthworks and the mathematical solution of astronomical problems including the technique and field work for observation for latitude, longitude, meridian and time.

TEXT: Elementary Surveying, *Breed and Hosmer*, (John Wiley).

One hour a week, two semesters.

THERMODYNAMICS

Energy in general; Thermal energy; Gases and Vapours; Combustion of Fuels; Heat Transfer; Compression of Gases; Utilization of Heat; Internal Combustion Engine; Steam Engine; Nozzles; Turbines; Condensers; Boilers; Power Plant Cycles; Refrigeration.

TEXTS: Thermodynamics, *Emswiler and Schwartz*, (McGraw-Hill), Thermodynamic Properties of Steam, *Keenan and Keyes*, (John Wiley).

Three hours a week, one semester.

DEGREES CONFERRED

May 17, 1950

DEGREE OF BACHELOR OF ARTS

✓	Frederick William Cable	Halifax, N. S.
✓	Richard Jeffrey Flinn	Halifax, N. S.
✓	Joseph Roger LeFrank	East Ship Harbour, N. S.
✓	Thomas Joseph Moore	Halifax, N. S.
✓	Francis Patrick Mulrooney	Halifax, N. S.
✓	Thomas Nickerson	Halifax, N. S.
✓	Henry Patrick Nunn	Halifax, N. S.
✓	William Allison Russell	Halifax, N. S.

DEGREE OF BACHELOR OF SCIENCE

✓	Donald Edward Adams	Halifax, N. S.
✓	Kenneth Walter Joseph Butler	Halifax, N. S.
✓	Alfred Cameron Freckelton	Tuft's Cove
✓	Alfred John Hallisey	Halifax, N. S.

DEGREE OF BACHELOR OF COMMERCE

✓	Dennis Jeffrey Biggs	Halifax, N. S.
✓	Neville Evaristus Conner	Halifax, N. S.
✓	Bernard Gerard Kline	Halifax, N. S.
✓	Francis James Morris	Halifax, N. S.
✓	Edward William Murphy	Halifax, N. S.
✓	Michael Edward Murphy	Halifax, N. S.

DIPLOMA IN JOURNALISM

✓	Oliver Edmund Blakeney	Laconia, New Hampsh
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DIPLOMA IN ENGINEERING

✓	Cyril Rex Burke	Halifax, N. S.
✓	Gerald Robert Curran	Halifax, N. S.
✓	Frederick Bernard Dyer	Halifax, N. S.
✓	Alfred John Hallisey	Halifax, N. S.
✓	James Hernon	Halifax, N. S.
✓	Robert Edward Nolan	Dartmouth, N. S.

MEDALS And PRIZES

May 17, 1950

ARTS

- Highest Aggregate in Fourth Year Arts Jeffrey Flinn
Gold Medal donated by
His Grace Archbishop McNally
- Highest Aggregate in Third Year Arts Walter Dowd
- Highest Aggregate in Second Year Arts Colin Campbell
- Highest Aggregate in First Year Arts Colin Maloney

COMMERCE

- Highest Aggregate in Fourth Year Commerce Neville Conner
Gold Medal donated by
His Excellency Bishop Leverman
- Highest Aggregate in Third Year Commerce Lawrence Davies
- Highest Aggregate in Second Year Commerce James Radford
- Highest Aggregate in First Year Commerce Dennis Mantin

SCIENCE

- Highest Aggregate in Fourth Year Science John Hallisey
Gold Medal donated by
Mr. and Mrs. J. M. Inglis in memory
of their son, Delisle Inglis

ENGINEERING

- Highest Aggregate in Third Year Engineering Gerald Curran
Gold Medal donated by
Messrs. Henry Birks & Sons
- Highest Aggregate in Second Year Engineering Byrne Williams
- Highest Aggregate in First Year Engineering Joseph Plevnick

RELIGION

- Highest Four Year Aggregate Jeffrey Flinn
Gold Medal donated by
Rt. Rev. William Burns, V.G., D.P.

PHILOSOPHY

Highest Four Year Aggregate Neville Conner

ENGLISH

Highest Four Year Aggregate Frederick Cable

LATIN

Highest Four Year Aggregate Jeffrey Flinn

FRENCH

Highest Four Year Aggregate Thomas Nicker

MATHEMATICS

Highest Three Year Aggregate in Engineering Gerald Curran
Gold Medal donated by
Messrs. Henry Birks & Sons

ACCOUNTANCY

Highest Four Year Aggregate Neville Conner
Prize donated by
Saint Mary's College Ladies' Auxiliary

ECONOMICS Cecil Robertson

SOCIOLOGY Oliver Blakemore

PUBLIC SPEAKING Neville Conner

Gold Medal donated by
Mr. A. J. Haliburton in memory of
P/O W. A. Haliburton

The W. F. Carroll Prize for English Essay Walter Dowd
Fifty Dollars, donated by
Mr. W. F. Carroll, M.P.