

Saint Mary's College

CALENDAR



1940-41

HALIFAX, NOVA SCOTIA
CANADA

CALENDAR
of
Saint Mary's College

HALIFAX, N. S., CANADA

A. M. D. G.



1940-1941

UNDER THE DIRECTION OF THE JESUIT FATHERS

HALIFAX, N. S.

1940

SENATE OF SAINT MARY'S COLLEGE

As Constituted in Accordance with the
Act of 1918

CHANCELLOR

HIS EXCELLENCY, MOST REVEREND J. T. McNALLY, D.D.,
The Archbishop of Halifax.

VICE-CHANCELLOR

RIGHT REV. MONS. ALPHONSUS R. DONAHOE, Ph.D., J.C.D.

MEMBERS

RIGHT REV. MONS. JOSEPH CURRY, P.P.

VERY REV. C. J. KEATING, S.J., Ph.D., President.

RIGHT REV. W. BURNS, V.G.

HON. R. G. BEAZLEY.

HON. R. E. FINN, K.C.

THOMAS W. MURPHY, K.C.

SIR JOSEPH CHISHOLM, Kt., LL.D., Chief Justice of Nova Scotia.

WILLIAM R. POWELL, Esq.

JOHN J. PENNY, M.A.

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

HON. MR. JUSTICE W. F. CARROLL, B.A., LL.B.

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

GERALD P. FLAVIN, LL.B.

HON. JOHN A. WALKER, M.A., LL.B.

M. J. CARNEY, B.A., M.D., C.M., F.R.C.P.

R. W. McCOLOUGH, S.B., M.E.I.C.

REV. J. L. QUINAN.

REV. E. L. BURNS, S.J., Ph.D.

CALENDAR, 1940-1941

1940

Aug.	30	Friday	Registration for Summer Surveying Camp.
Sept.	2	Monday	Surveying Camp Opens at Truro.
Sept.	5	Thursday	High School Supplemental Examinations.
Sept.	9	Monday	High School Department Opens.
Sept.	12	Thursday	College Supplemental Examinations.
Sept.	16	Monday	College Department Opens.
Sept.	21	Saturday	Surveying Camp Closes.
Sept.	23	Monday	Annual Three Day Retreat begins.
Oct.	14	Monday	Thanksgiving Day.
Oct.	23	Wednesday	Alumni General Meeting.
Nov.	1	Friday	All Saints' Day.
Nov.	11	Monday	Remembrance Day.
Dec.	8	Sunday	Feast of the Immaculate Conception and Sodality Day.
Dec.	20	Friday	Christmas Recess Begins.

1941

Jan.	3	Friday	Classes Resumed.
Jan.	10	Friday	Graduates General Meeting.
Jan.	21	Tuesday	Half-Yearly Examinations Begin.
Mar.	17	Monday	Saint Patrick's Day.
Apr.	9	Wednesday	Easter Recess Begins.
Apr.	15	Tuesday	Classes Resumed.
May	7	Wednesday	Final Examinations Begin.
May	20	Tuesday	Baccalaureate Sermon and Benediction.
May	21	Wednesday	Convocation.

COLLEGE FACULTY

VERY REV. C. J. KEATING, S.J., Ph.D.	. . . . .	English and Latin.
REV. E. L. BURNS, S.J., Ph.D.	. . . . .	Philosophy.
REV. M. W. BURKE-GAFFNEY, S.J., B.E., M.S., Ph.D.		Engineering.
REV. H. P. PHELAN, S.J., Ph.D.	. . . . .	Economics.
Diplomé de l'Ecole des Sciences Politiques de Paris.		
REV. J. MILWAY FILION, S.J., Ph.D.	. . . . .	French.
REV. K. KERTZ, S.J., B.A.	. . . . .	German.
REV. D. M. FOGARTY, S.J., B.A.	. . . . .	English.
REV. V. F. HAYDEN, S.J., B.A.	. . . . .	History.
REV. C. C. RYAN, S.J., B.A.	. . . . .	Latin.
H. G. BEAZLEY, B.Comm.	. . . . .	Commerce.
R. A. DONAHOE, B.A., LL.B.	. . . . .	Political Science.
R. D. EVANS, B.Comm., M.A.	. . . . .	Auditing.
MCCALLUM G. GOUDGE, B.Sc., B.E.	Geology.
J. E. LYNCH, B.A.	Economics.
E. C. THOMAS, B.E.	Engineering.
A. T. SABEAN, B.Sc.	Chemistry.

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HISTORY OF THE COLLEGE

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 Hannon, 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 St. 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 Hannon 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 Mary's College, the late Peter O'Hearn, Principal for many years of Saint Patrick's High School and the late Martin Griffin, Parliamentary Librarian for Canada.

It must be remembered that, in those days, educational institutions had, for the most part, an arduous struggle for existence and temporary suspension of activities for some years at a time was not unheard of. St. Mary's had its own share of such vicissitudes.

In 1873 the Act of 1841 was reaffirmed "in the same manner and to the same extent". It would seem that this reaffirming in 1873 was deemed necessary because the rights of the Act of 1841 "had been allowed to expire through inadvertence".

In the meantime, the site of the College had been transferred to Belle Aire Terrace and placed under the management of the Christian Brothers of the Congregation of Saint John Baptist de la Salle. Subsequently the College was transferred to a building in Barrington Street where we now find Saint Theresa's Home.

On February 23rd 1881 Mr. Patrick Power, one of the best-known and most influential business men in Halifax died. It is not too much to say that, were it not for the generous bequest made by Mr. Power in favour of Saint Mary's College, the institution would be unable to carry on, and if the College is found to be of service in the cause of Catholic Education, the name of Patrick Power must be held in grateful memory.

In 1903 the College was reorganized by His Excellency, Archbishop O'Brien and a valuable new property secured at the intersection of Quinpool Road and Windsor Street. The Right Reverend Monsignor Kennedy was appointed President, being succeeded after an interval of about two years by the Right Reverend Monsignor McManus, under whose able and energetic direction the College remained until 1913. In that year, on the invitation of His Excellency Most Reverend E. J. McCarthy, the Christian Brothers of Ireland undertook the direction of the College. On this occasion a considerable addition was made to the building erected by Archbishop O'Brien in 1903. The funds for this addition were raised by popular subscription. Reverend Brother P. J. Culhane, the present Provincial of the Congregation,

was the first President under the new administration and the College owes much to his ability, prudence and energy.

An important event in the life of the College was the affiliation with the Nova Scotia Technical College which took place in 1916. Under this arrangement, duly matriculated students follow an Engineering Course of Three Years at Saint Mary's, the scope and extent of which is uniform with that followed by the different Colleges affiliated with the Nova Scotia Technical College. On the satisfactory completion of this course, the student may proceed to the Nova Scotia Technical College to take a further course of two years. At the end of this period he is eligible for admission to the degree of B.E. in Civil, Mechanical, Electrical or Mining Engineering. This affiliation has been very beneficial to Saint Mary's and a great number of our students have availed themselves of its advantages. The arrangement has worked out harmoniously and efficiently.

On December 6th, 1917 occurred the disastrous Halifax Explosion. Happily, none of the students in attendance at the time received any serious permanent injury, but the building like all others in the vicinity suffered severely. Classes were suspended for the time being and the College was placed at the disposal of a United States Army Medical Corps which had come from Boston to minister to the victims of the dreadful catastrophe. When the immediate emergency had passed and the regular civil and military hospitals found themselves in a position to absorb the remaining patients at Saint Mary's, the College reverted once more to its original purposes.

Shortly afterwards, the Legislature again gave its recognition to the status of Saint Mary's College, when, on the 26th day of April 1918 it passed a measure which bore the title: "An Act to Amend the Law Respecting Saint Mary's College, Halifax". The first clause of this Act runs as follows: "Be it enacted by the Governor, Council and Assembly, as follows:—Saint Mary's College, Halifax, originally incorporated by Chapter 39 of the Acts of 1841, shall continue to be deemed and taken to be a University, with all the necessary and usual powers and privileges exercised by Universities, including the power of conferring Degrees in Arts, and in all the other faculties."

Since the passing of this Act the College has availed itself of the privileges conferred upon it by the Legislature, degrees have been

conferred in Arts and Science and a Faculty of Commerce has been recently established. Year by year, the existence of the College is seen to be more and more justified in the number of young men who enter the Priesthood or the Religious State and in the much increased Catholic representation in the Medical, Legal and Engineering Professions.

Progress has been steady and continuous. Within recent years the staff has been considerably increased to meet the demands of a larger enrollment and of a broader syllabus. More classroom accommodation has been provided and the Science Laboratories fully equipped to meet all College requirements in Chemistry, Physics and Engineering while, at the same time, athletic and recreational facilities have been considerably improved.

The steady growth of the College is a source of encouragement and gives reason to believe that Saint Mary's will long continue to play an important part in the educational life of the Province, realizing the dream—or, shall we say, the vision—of the men who in the now distant days of 1841 "by great exertions and very large pecuniary contributions" made possible its foundation?

On the gracious invitation of His Excellency, 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.

ORGANIZATIONS

The following organizations are established among the Students and are recognized by the College:

RELIGIOUS.

- (a) **THE CANADIAN STUDENT MISSION CRUSADE SOCIETY:** This society aims at the creation of an active and effective interest in Catholic Foreign Missions. Through its exertions, a considerable sum of money is distributed annually among different Foreign Mission Centres.
- (b) **SODALITY OF THE IMMACULATE CONCEPTION:** The purpose of the Sodality is to develop Christian character under the protection of the Mother of Our Lord and to cultivate the lay apostolate. The College Sodality endeavours to obtain this two-fold purpose by conducting weekly meetings in the Chapel at which the Office of the Blessed Virgin is recited and instructions are given by the Director, and by organizing sections for the promotion of special activities.

The activities of these societies are directed by their respective officers with the co-operation and guidance of a member of the staff.

GENERAL.

TAU-GAMMA-SIGMA SOCIETY: Is confined to students in Sophomore or higher years. Its activities are chiefly social and recreational. It also concerns itself with all matters pertaining to the advantage of the College and the Student Body generally.

THE ENGINEERING SOCIETY: This society is open to all students in the Engineering Department. Its functions correspond, in general, to those of the Tau-Gamma-Sigma Society.

THE DELTA-LAMBDA-KAPPA SOCIETY: Students in the recently created Department of Commerce constitute the Delta-Lambda-Kappa Society. The general interests of the Students in Commerce and all the extra-curricular activities of the Department are controlled by the Executive of the Society.

THE CURRENT EVENTS CLUB: The aim of this club which is open to all students of the College is to keep the members well informed on all the more important events and movements of the day. At the meetings, which are held fortnightly, papers are read and discussed and informal debates and discussions take place.

THE PHI-PHI-SIGMA SOCIETY: Is an organization limited to Freshman Students.

SENIOR DEBATING SOCIETY

The membership of this Society is made up of the students in Junior and Senior College classes in all Departments. The meetings are held bi-weekly and the debates are in the Open Forum style. The activities of the Society include Society Debates, Inter-collegiate Debates, participation in Provincial and other Conventions of the Maritime Colleges and Universities, Radio debates, etc., etc.

ST. MARY'S ATHLETIC ASSOCIATION

The Athletic Association regulates the various efforts in the arena of sport during the year. All games are under the direction of the Executive of the Association, prizes are arranged and provided, College Letters and other awards are regulated.

THE CANADIAN OFFICERS' TRAINING CORPS

A branch of the Canadian Officers' Training Corps is established at the College. Membership is voluntary and is confined to students in Sophomore and more advanced classes. Drills are held at stated times during the week and Camp and Battery Practice during the first week in October.

THE GRADUATE SOCIETY

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 students of Saint Mary's College are eligible for membership in the Alumni Society. The Annual General Meeting of the Society 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.

SCHOLARSHIPS

Nine Non-Resident Scholarships, each tenable for four years, have been generously donated by the Knights of Columbus.

CURRICULUM

Saint Mary's College provides:

1. An Arts Course leading to the degree of B.A.
2. An Engineering Course of Three Years.
3. A Science Course leading to the degree of B.Sc.
4. A Course in Commerce leading to the degree of B. Comm.
5. A Special Business Course of Two Years qualifying for a Business Diploma.
6. A High School Course enabling students to qualify for College Matriculation.

ARTS: The course in Arts is intended to lay the foundations of a broad and liberal education. It stresses, therefore, the literary and cultural branches 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 in the personalities identified with them. The formation of studious and literary habits is regarded as of more importance than the encyclopedic 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.

ENGINEERING: Saint Mary's College has been affiliated with the Nova Scotia Technical College. In virtue of this affiliation, duly matriculated students may take the first three years of their Engineering Course at St. Mary's and the fourth and fifth years at the Nova Scotia Technical College. The first three years course is, in general, the same for all students irrespective of the particular branch of the profession they intend to adopt. On entering the Technical College the student specializes according as he intends to become a Civil, Mining, Mechanical or Electrical Engineer.

In co-operation with the Nova Scotia Technical College and other Colleges of the Maritime Provinces, St. Mary's conducts in September of each year, a three weeks' Surveying Camp at Truro, N. S.

SCIENCE: The course in Science has been recently added to the Curriculum. It is intended largely for Engineering Students who wish to broaden their education and supplement their professional studies by further work in pure Science or literary subjects. Such students may meet the requirements for the degree in one year after the completion of their regular Engineering Course taken at St. Mary's.

This course is also open to non-Engineering students whose tastes lie in the direction of Science or Mathematics.

COMMERCE: The Course in Commerce is intended for students who desire the advantages of higher education but who look forward to commerce as a professional career. The courses are of college standard and many of them correspond identically with the ordinary College courses. The complete course is of four years but a special diploma is issued on the successful completion of the first two years.

Written examinations are held towards the close of each Term and the results are made known to the parents. These examinations determine the student's class standing for the year. Every student who is successful in a subject is credited with First Class Distinction, Second Class Distinction or Pass.

The training of the students in the art of public speaking is carefully attended to and weekly debates form an important part of the College Curriculum.

Due attention is paid to the physical development of the students and all are encouraged and expected to take part, according to their strength, in the outdoor games. Every facility is afforded for playing football, handball, basketball, hockey, baseball and tennis.

The College considers the formation and development of character, the religious and moral training of its students, of greater importance than anything else. Facilities are afforded for the frequentation of the Sacraments and the students receive regular instructions in the truths of Faith and the duties of Religion. Principles of good citizenship, the obligations of courtesy and the requirements of social usage are emphasized. It is hoped thus, in co-operation with the all-important factor of home influence, to mould and fashion educated and truly Christian gentlemen.

ADMISSION

RESIDENT STUDENTS.

As only a limited number of students can be admitted to the College as resident students, application should be made as early as possible. Those out-of-town students who desire to attend the College and who cannot be admitted to residence, will be advised by the College as to suitable houses in which they may obtain reasonable and comfortable accommodation.

Students who come any considerable time after the beginning of the term will not be admitted to courses.

Resident students must furnish certificates of health and conduct and satisfactory references. Diplomas of recognised schools will be accepted as evidence of standard.

Wherever it may be possible, resident students will be expected to spend their Christmas and Easter Recess in their own homes or, with their friends. Owing to the reasonable rates of travel for students at both seasons the cost offers little or no hindrance. If, however, it be impossible, students may remain at the College during the Christmas Recess at a charge of \$20.00, and during the Easter Recess at a charge of \$10.00.

Parents of resident students may make arrangements to have books and stationery supplied from the College Book Room at the current prices.

All charges for resident students are payable in advance and no resident student will be retained in the College longer than the term for which fees have not been paid in full.

Unless otherwise directed by parents, medical attention for resident students will be supplied by the College Physician.

Fees for medical attention will be in addition to regular term charges.

FEEs

The School Year is divided into three terms:

First Term.....	September to Christmas
Second Term.....	Christmas to Easter.
Third Term.....	Easter to Midsummer.

RESIDENT STUDENTS.

BOARD.

First Term.....	\$100.00
Second Term.....	100.00
Third Term.....	50.00

TUITION.

First Term.....	\$ 20.00
Second Term.....	20.00
Third Term.....	20.00

LAUNDRY.

Laundry for resident students will be charged at regular laundry rates.

NON-RESIDENT STUDENTS.

TUITION.

First Term.....	\$ 20.00
Second Term.....	20.00
Third Term.....	20.00

GENERAL CHARGES.

A general charge of \$10.00 to be paid before the end of September each year covering the following charges for the year:

Examinations	Collegian and Journal.
Athletics.	Entrance Tickets to all College Home Games.
Library.	Amusement, including Pictures, Lectures, etc.

A charge of \$2.00 is made for each Supplemental Examination.

A charge of \$1.00 for all statements under the College seal.

A charge of \$2.00 each term for Laboratory work in each science.

A charge of \$2.00 each term for the use of typewriters.

A charge of \$5.00 for Graduation, Diploma, etc., etc.

A charge of \$2.00 for Business Training Diploma.

Students whose term fees have not been paid, may not be retained in their classes during a succeeding term. No examination results will be given and no publication of the same made when fees have not been paid in full.

COLLEGE COURSES

REGULATIONS

A candidate must have the approval of the College authorities for any course selected, and having selected this course and obtained approval for it he may not subsequently change it without their sanction.

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

Candidates may, on the presentation of the necessary diplomas or certificates, receive recognition for equivalent work previously done elsewhere.

A course in Religion is an essential requirement in each year.

No candidate is eligible for prizes or distinctions in any subject in which he has, without satisfactory reason, failed to make ninety per cent of the total attendances in such subject. Candidates failing to make this attendance may also be debarred from writing examinations in such subject.

Every candidate for a degree shall in all respects satisfy and conform to the conditions, rules and regulations from time to time set forth in the College Calendar.

COLLEGE ENTRANCE REQUIREMENTS.

To enter the College as an undergraduate a candidate must have received credit for seven matriculation subjects. The seven subjects required for full matriculation are:

FOR B.A.

(1) English. (2) Latin or Greek. (3) Algebra. (4) Geometry
(5) French or German. (6) and (7) Any two of: History, Physics,
Chemistry, Trigonometry, Botany or another foreign language.

FOR B.Sc.

(1) English. (2) French or German. (3) Algebra. (4) Geometry. (5) Latin or Greek or a language not offered in (2). (6) Physics, Chemistry or Botany. (7) One of the following if not previously offered: History, Physics, Chemistry, Botany, Trigonometry or another foreign language.

FOR ENGINEERING DIPLOMA

Candidates for the diploma in Engineering must matriculate in the following subjects: English; French; Algebra; Geometry; Chemistry and Physics; History.

The entrance requirements for B.Comm. and for Business Training are the same as those for B.A. or for B.Sc.

Matriculation certificates of the First and Second Division of the Province of New Brunswick are accepted for admission to the Freshman Class.

Certificates of Junior Matriculation from the Board of Education of Newfoundland admit to the Freshman Class.

The sequence of the Courses in the tables on the following page is subject to adjustment. In general, candidates for the degree of B.Sc. who are interested primarily in Chemistry should take Physics 1 and should take not fewer than four courses in Chemistry. They are further recommended to take two courses in German.

Candidates interested primarily in Physics should take four courses in Physics, two in Chemistry and five in Mathematics.

Students for a degree in Commerce or in Science must take a minimum of three years of English and are recommended to take four.

For special arrangement whereby a Graduate in Arts may obtain the degree of B.Comm. in one year after the completion of his Arts Course, see page 47.

COURSES OF STUDY

B.A.

FIRST YEAR	SECOND YEAR	THIRD YEAR	FOURTH YEAR
English Philosophy Modern Language Mathematics Latin Elective	English Philosophy Modern Language History Latin Elective	English Philosophy Modern Language History Latin Elective	English Philosophy Modern Language Latin Elective Elective

B.Sc.

FIRST YEAR	SECOND YEAR	THIRD YEAR	FOURTH YEAR
English Philosophy Modern Language Mathematics Physics 1 Chemistry 1	English Philosophy Modern Language Mathematics Physics or Chemistry 3 Chemistry 2	Chemistry 5 or Physics 4 Philosophy Modern Language Mathematics or Science Subject English Elective	Chemistry 4 Philosophy or Mathematics Modern History Elective Elective

B.Sc. with Engineering

FIRST YEAR	SECOND YEAR	THIRD YEAR	FOURTH YEAR
English 1 Philosophy Modern Language Mathematics Physics 1 Chemistry 1 Engineering Drawing	English 2 Philosophy Descriptive Geometry Mathematics 2 and 3 Physics 2 Chemistry 2 Surveying 1	Mechanics Graphical Statics Mechanics of Machines Mathematics 4 Physics 3 Engineering Drawing Surveying 2 (with Summer Surveying Camp).	Economics Modern History Science Subject Mathematics 5 Materials of Construction English Geology

B.Comm.

FIRST YEAR	SECOND YEAR	THIRD YEAR	FOURTH YEAR
English Philosophy Modern Language Mathematics Economics Accounting	English Philosophy Modern Language Commercial Law or Political Science Economics Accounting	Auditing English 3 or 4 Elective Political Science or Commercial Law Economics Accounting	Auditing Modern History Elective Elective Economics Accounting

N. B. For suggested electives see Page 51.
For Business Training Courses see Page 52.

COURSES OF INSTRUCTION

CHEMISTRY

1

General Inorganic Chemistry: As in Smith's College Chemistry revised by Kendall.

Lectures and Recitations: Three hours a week.

Laboratory Work: Two hours a week.

Text Book: A Laboratory Outline of Smith's College Chemistry.

2

Qualitative Analysis: Detection of not more than four acidic or three basic radicals in mixtures of salts.

Lectures: One hour a week.

Laboratory Work: Four hours a week.

Text Book: Noyes, Qualitative Analysis.

3

Quantitative Analysis: A practical course in Volumetric and Gravimetric Analysis.

Laboratory Work: Nine hours a week.

Text Book: Talbot, Quantitative Analysis, 8th Edition (Macmillan Co.)

4

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

Lectures: Three hours a week.

Text Books: Getman-Daniels, *Outlines of Theoretical Chemistry* (J. Wiley & Sons); Creighton and Koehler, *Electro-Chemistry*, Vol. I (J. Wiley & Sons).

5

Organic Chemistry: Study of the chief Aliphatic and Aromatic Compounds, in particular of those of greater importance in industry or medicine.

Lectures: Three hours a week.

Laboratory Work: Three hours a week.

Text Book: Perkin and Kipping, *Organic Chemistry* (Lippincott Co.)

6

Organic Chemistry: A continuation of Chemistry 5 with special emphasis on the Aromatic Compounds.

Lectures: Two hours a week.

Laboratory Work: Three hours a week.

21

EDUCATION

1

Principles of Elementary Education:

- (a) The Educational Process. The Art of Teaching. The Classroom and its Equipment. Management and Control.
- (b) Methods and Problems of Elementary Education
- (c) Physical Culture and Health Education for Elementary School Teachers.

BOOKS RECOMMENDED:

Colegrove: The Teacher and the School (Charles Scribner's Sons).
Bagley: Classroom Management (The Macmillan Co.)
Shaw: School Hygiene (The Macmillan Co.)
Three hours a week.

2

Educational Psychology:

The Study of the Child. The Nervous System. The Brain. Sense Training. Training of the Imagination, Feelings and Emotions.

BOOKS RECOMMENDED:

Kelly: Educational Psychology (Bruce Publ. Co.).
McCarthy: Training the Adolescent (Bruce Publ. Co.).
Three hours a week.

3

Applied Pedagogy:

- (a) Pedagogical Principles applied to the teaching of Arithmetic, Reading and English in Elementary Schools.
- (b) High School Subjects.
- (c) The Teaching of Religion.
- (d) Use and Interpretation of Tests.

BOOKS RECOMMENDED:

Rapeer: Teaching Elementary School Subjects. (Charles Scribner's Sons).
Shields: Teacher's Manual of Primary Methods. (Cath. Univ. Pedag. Series.)
McKee: Reading and Literature in the Elementary School. (Houghton Mifflin Co.)
Freeland, Adams and Hall: Teaching in the Intermediate Grades. (Houghton Mifflin Co.)
Sharp: Aims and Methods in Teaching Religion. (Benziger Brothers).
Hines: A Guide to Educational Measurement. (Houghton Mifflin Co.)

Four hours a week.

Philosophy of Education:

The Nature of the Educative Process. Educational Aims
Educative Agencies.

BOOKS RECOMMENDED:

Shields: Philosophy of Education. (Cath. Educ. Press).

DeHovre-Jordan: Philosophy and Education. (Benziger Bros.).

Two hours a week.

History of Education:

- (a) Study of Ancient and Medieval Education.
- (b) Study of Modern Education.

BOOKS RECOMMENDED:

McCormick: History of Education, Ancient and Medieval. (Cath. Univ. Pedagog. Series).

Turner: Education in Ancient Times. (Cath. Univ. Pedagog. Series).

Monroe: A Text Book in the History of Education. (Houghton Mifflin).

Pace: Education in Modern Times. (Cath. Univ. Pedagog. Series).

Two hours a week.

Educational Sociology:

- (a) The application of the principles of Sociology to the school and out-of-school life of the pupil.
- (b) The School, the Teacher and Society.

Text: Smith, Principles of Educational Sociology.

Two hours a week.

This course will not be given 1940-1941.

ENGLISH

Poetry: Study of the Nineteenth Century Poetry with emphasis on the Romantic Revival influences.

Text: Dillworth, Nineteenth Century Poetry.

Composition: Review of Fundamental Principles, Argument, Narration, Exposition, Description, Preparation of Manuscripts, etc.

Text: Grose, College Composition.

One semester, Four hours a week.

Short Story: Study of the Short Story, its Origin, Development and Place in Literature.

Texts: Selected Short Stories, Oxford University Press, Third Series.

Bement: Weaving of the Short Story.

Literature: Critical study of Shakespeare: Macbeth; Midsummer Night's Dream.

John Drinkwater: Lincoln

Texts: New Hudson Edition of Shakespeare; Copp and Clarke, New Edition of Lincoln.

One semester, Four hours a week.

Debating: A syllabus of interesting debates. Material and form under direction.

One semester, One hour a week.

Essays and Readings: Ten essays and six book reports covering the work of the year in literature are required.

3

Poetry: A study of Modern Poetry with emphasis on Masfield, Hardy, Yeats, Kipling, Davies, Bridges, Thompson, De la Mare, Meredith.

Text: Methuen, Anthology of Modern Verse.

Composition: The shaping of the sentence, the effective use of words, the enlargement of vocabulary, the elements of style, readings covering all themes.

Text: Grose, College Composition.

One semester, Three hours a week.

4

Literature: For critical study: Shakespeare: Hamlet; Richard II; Sheridan: School for Scandal;

Texts: Shakespeare, New Hudson Edition; Macmillan, Sheridan's Plays.

Essay: A Critical study of the Essay, its literary content, characteristics and origin.

Texts: Modern English Essays: Oxford University Press.

One semester, Three hours a week.

Essays and Book Reports are required covering the literature of the year. Each student is expected to take part in the schedule of debates arranged for the semester.

Debates: One semester, one hour a week.

5

Literary Criticism: A critical consideration of literary forms:
 Novel, Short Story, Essay, Biography, Sonnet and Sonnet
 Sequences, Lyric and Epic, Ballad and Narrative Verse, Letters
 and Diaries.

Lectures and Prescribed Readings.

Critical reports of readings and digest of lectures required.

One Semester, Three hours a week.

6

Drama: The Classical Tragedies, Old and New Comedy, Seneca's
 Influence, Miracle and Morality plays, Interludes.

The Church's Influence, the Elizabethan Stage, the Puritan
 Reaction.

Restoration Comedy, the Comedy of Manners, General Tenden-
 cies leading to Modern Drama.

Study of: Euripides, Electra; Seneca, Agamemnon; Aristophanes, Birds;
 Dorland, Everyman; Marlowe, Tamburlaine; Shakespeare,
 Hamlet; Sheridan, School for Scandal; Ibsen, The Doll's House.

Readings and Class Discussions of Modern One Act Plays.

One Semester, Three hours a week.

Alternate years with Shakespeare Course.

7

Shakespeare: Detailed study of:

A Midsummer Night's Dream, Henry IV, (part I), Henry
 V, As You Like It, Romeo and Juliet, The Tempest, King
 Lear, Othello, Macbeth, Coriolanus.

Text: Smith, On Reading Shakespeare; Macmillan, Complete Shakespeare.

Lectures on Shakespeare's development, his influence, the stage
 of his period, the drama of his time.

At least four major essays based upon individual research in
 relation to Shakespeare will be required during the Course.

Two semesters, Three hours a week, one of which will be devoted to class con-
 ferences dealing with Shakespearean problems.

Alternate years with Drama.

Expressive English: A practical course of expressive English in preparation for manuscript work. Its main purpose is to facilitate the production of literary forms, including.

Short Story, One Act Play, Essay, Verse, Editorials, Reporting, Briefs, Business Reports, Precis Writing, Correlation of Facts, Surveys, Research dealing with Public Questions, Thesis Writing.

An individual direction in practical English.

An Elective Course in English for Seniors and Juniors in Arts, Science, and Commerce.

One Semester, Two hours a Week.

The Literary Masters of England: An attempt to appraise the work of the most significant figures in English Literature. Works of literary value from the Middle Ages down to the close of the Nineteenth Century will be read and discussed.

Text: Literary Masters of England, Farrar and Rhinehart.

Two semesters, Three hours a week.

Public Speaking: A course in oral expression, reading, public speaking, conventional projects, technique of meetings, procedure at conferences, dramatic recitation, recitals, laws of order, etc., etc.

Compulsory for Freshmen. One hour a week.

FRENCH

1

Pre-requisite Matriculation French Course.

A thorough review of the grammar supplemented by a course of translation from French into English and English into French, involving the harder syntactical constructions.

Drills in Dictation and Conversation.

Translations from modern authors into English.

Three hours a week for two semesters.

Texts: The New Chardenal. Hazo, Intermediate French Reader.

Four hours a week for two semesters.

2

Grammar Review emphasising verb forms and idiomatic expressions. A part of each period will be devoted to French Conversation based upon Part I of Mann's Conversational French.

Debates will be conducted in this course as an extension of French Conversation. This will give the student the ability to address French audiences on subjects within the reach of Junior College groups.

A study of two selected classics, one for each semester.

Readings and conversations on material in "Figaro".

Three hours a week for two semesters.

3

A survey of French Literature including main trends, principal writers and a consideration of masterpieces.

French Conversation will be carried on for two semesters based upon Part II of Mann, Conversational French.

Three hours a week for two semesters.

4

A general survey of French Art, including Painting, Sculpture, Architecture and Music. The purpose of this survey is to acquaint the student with the extent and the characteristics of French Culture.

A Review of the entire Course of Conversation French: Mann.

Reading and study of: Vingtieme Siecle—An Anthology: Michaud.

Study and Book Reports on at least six texts from Library Collection.

Three hours a week for two semesters.

5

An elective Course.

Pre-requisite French I and II.

A theoretical and practical study of French Sounds, their production, linking, pitch: practical demonstration of accurate French sounds, French articulation, and ear training.

French Conversation, the building up of vocabulary.

Retranslation into English, material based upon French selections and stories in the text.

A practical grasp of the use of the language for practical purposes.

Three hours a week for two semesters.

Text: Handbook of Everyday French, Brown.

GERMAN

PRELIMINARY.

Grammar and Translation from English: Vos, Essentials of German, to Lesson 26 inclusive.

Translation from German: H. A. Guerber, Märchen und Erzählungen I. Teil.

Three hours a week.

1

Grammar and Composition: Vos, Essentials of German, complete.

Translation from German: H. A. Guerber, Märchen und Erzählungen, II. Teil; Stökl, Unter dem Christbaum; Thoma, Lausbubengeschichten.

Three hours a week.

2

Composition: Ehrke, Guide to German Composition.

Translation from German: Schiller, Jungfrau von Orleans; Schiller, Wilhelm Tell; Ponten, Der Meister.

Three hours a week.

3

A course in German Reading with emphasis on scientific topics.

Texts: Lassar-Cohn, Die Chemie im täglichen Leben; Greenfield, Introduction to Chemical German; Greenfield, Technical and Scientific German.

Two hours a week.

GREEK

Elementary Greek.

Prerequisite for Greek 1.

Text: White: First Greek Book. Ginn and Company.

Texts: Goodwin Greek Grammar. Ginn and Company.

Plato: Apology. Adam, Macmillan and Co.

Gospel of St. John. White, Longmans Green and Co.

Exercises in Translation at Sight.

Composition: Greek Prose Composition. Pitman, Macmillan and Co.

Three hours a week.

2

Text: Goodwin Greek Grammar. Ginn and Co.
Composition: Continuous Prose. Pitman, Macmillan & Co.
Homer: Iliad I. Marchant, Bell, London.
Euripides: Alcestis. Blakenley, Bell, London.
 Translation at Sight.

Three hours a week.

3

Text: Goodwin Greek Grammar. Ginn and Co.
Demosthenes: Philippics II, III. Abbott and Matheson.
 Oxford University Press, Toronto.
Plato: Republic I. Warren, Macmillan and Co.
Herodotus: Book VI. Shuckburgh, Pitt Press.
 Translation at Sight and Prose Composition.

Three hours a week.

4

Greek Drama.—A course covering the origin and progress of Greek Drama from Aeschylus to Menander. Through the reading of several of the Greek tragedies and comedies an attempt will be made to give an appreciation of the Greek Drama and to point out its place and influence in the history of dramatic art.

Two hours a week.

HISTORY

1

ANCIENT

Historic Nations of the Orient. Egyptian, Sumerian, Babylonian, and Assyrian Kingdoms. The Hebrews. The Medes and Persians. Mycena.

Greek. Early settlement. Forms of Government. Colonial settlements. History of Sparta and Athens. Persian War. Athenian Empire. Age of Pericles. Peloponnesian War. Rise of Thebes. Philip of Macedon. Alexander. Hellenistic Age. Contacts with Rome. Greek contribution to culture and civilization.

Rome. Early legends. Wars with Sabines and Latins. Gauls in Italy. Samnite and Pyrrhic Wars. The great struggle with Carthage. Wars with Philip of Macedon and Antiochus. Perseus, The Gracchi. Jugurthine War. Marius, Cinna, Sulla. Mithridatic War. Pompey, Caesar Augustus. The Empire. The decline of Rome.

TEXTS: Hayes and Moon, *Ancient History*. For special sections—Reeve's *Bible History*; Vlachos, *Hellas and Hellenism*; Shuckburgh, *History of Rome*; Davis, *Readings in Ancient History*; Plutarch's *Lives*.
Two hours a week.

2

MEDIEVAL HISTORY

The History of Western Europe from the beginning of the Christian Era to the sixteenth century. Conflict between Paganism and Christianity. Constantine. The Invasion of the Barbarians. Evangelization of Europe. The Empire of Charlemagne and its disruption. Germany and the Conflicts between Empire and Papacy. Norman conquests of England and Sicily. History of these countries. Invasion of Ireland. France under the Capetians. The Hundred Years War, Feudalism, Chivalry, The Crusades. The Universities. Papacy at Avignon and Great Schism. Renaissance. Portuguese Exploration and Voyages of Columbus.

TEXTS: For General Study—Weber, *Christian Era*, Vol. I; Stephenson, *Medieval History* (Harper & Bros.); Collins, *A History of Medieval Civilization* (Ginn & Co.).
For Reference—Pastor, *Lives of the Popes*, Vols. I and II; Walsh, *The Thirteenth the Greatest of Centuries*; Walsh, *The Century of Columbus*; Belloc, *The Crusades* (Bruce Publishing Co.).
Two hours a week.

3

THE RENAISSANCE AND THE REFORMATION

The Renaissance: Background of the Renaissance in Italy. Petrarch and Dante. History of the Literature and Culture of the chief European nations in the fourteenth and fifteenth centuries. The great figures in the Renaissance and their achievements. The Humanists.

The Reformation: Review of the religious conditions in Europe in the fifteenth century. Study of Luther. The course of the Reformation in the different countries of Europe during the sixteenth century. The Counter-Reformation.

TEXTS: For general study—Lucas, *The Renaissance and the Reformation* (Harper & Brothers).

For special reference—Cambridge Modern History, Vols. I, V; Pastor, *Lives of the Popes*, Vols. I and II; Janssen, *History of the German People* (Herder, St. Louis, Mo.).

Two hours a week.

4

MODERN HISTORY

Period 1500-1815. Empire of Charles V. The Reformation. England and France in the Sixteenth Century. The Thirty Years War. Richelieu. Age of Louis XIV, Literary Achievements, Wars, Social Conditions. Conflict of English and French Interests in America and India. Seven Years War. Development of Prussia. France immediately before the Revolution. The Revolution in Action. The Leaders. Fall of Robespierre. Emergence of Napoleon. The Napoleonic Era.

TEXTS: Weber, *Christian Era*, Vol. II, Cambridge Modern History, *The Thirty Years War*; Hayes, *Political and Social History of Modern Europe*, Vol. I.

Two hours a week.

5

Period 1815 to Present Day: Congress of Vienna. The Age of Metternich. France from 1815 to the accession of Napoleon III. Industrial Revolution. The Victorian Age in England. Bismarck and his Policies. Franco-Prussian War. Germany under William II. Spain and Italy in the Nineteenth Century. The Partition of Africa. England from 1880 to 1914. The Great War. Post-War Europe. Europe of to-day.

TEXTS: Weber, *Christian Era*, Vol. II; Hayes, *Political and Social History of Europe*, Vol. II.

For special periods: Belloc, *Robespierre, Marie Antoinette*; Holt and Chilton, *European History 1862-1914*; Bourne, *The Revolutionary Period in Europe*; Ludwig, *Life of Bismarck*; Cambridge Modern History, *The French Revolution and Vol. XII, the Latest Age*.

6

A History of intellectual and scientific culture in the great civilizations of the East and West. Astronomy and Medicine among the Ancients. Greek Thought and Philosophy. The history of Mathematics. Intellectual Activity in the Middle Ages. Alchemy and Chemistry. Modern Science.

Two hours a week.

7

CANADIAN HISTORY

Early Canadian History: Exploration and Conquest. Hudson Bay Company. Struggle for Supremacy of France and England. Rebellion leading to Political Union. Durham Report.

Later Canadian History: Canada since 1837. Development of National Sentiment. The Movement towards Confederation. The British North America Act. Nova Scotia and Confederation. Policies and achievements of distinguished Canadian Statesmen. Canada and the Great War. The Statute of Westminster.

TEXTS: Works of Francis Parkman. Wrong and Langton, Chronicles of Canada Series. Wrong, History of Canada to 1783.

Two hours each week.

8

HISTORY OF THE UNITED STATES

History of the United States: A course dealing with the general history of the United States with greater emphasis on the events of the last fifty years.

TEXT: For general study—Muzzey-Krout, American History for Colleges (Ginn and Co.).

For special sections—Muzzey, The United States of America, Vols. I and II.

Two hours a week.

LATIN

This Course is divided into three sections: Latin Translation, Latin Composition and History of Latin Literature and Culture.

1

Prescribed Authors: Cicero, In Catilinam I, IV; Virgil, Aeneid, Book II; Horace, Ars Poetica; Livy, Book XXI.

Prose Composition based on prescribed authors and on Bradley Arnold, Exercises 1 to 34.

Roman Literature. Wilkins, Primer of Roman Literature and Antiquities. Four hours a week.

2

Prescribed Authors: Cicero, Pro Archia, Pro Lege Manilia; Horace, Odes and Epodes. Sallust, Bellum.

Prose Composition based on prescribed authors and on Bradley Arnold, Exercises 35 to 67.

Survey of Roman Literature from its Origin to its Golden Age inclusively.

Roman History: Tutorial History of Rome, Allcroft and Mason. Four hours a week.

3

Prescribed Authors: Cicero, De Senectute; Horace, Satires and Epistles; Tacitus, Agricola.

Prose Composition based on prescribed Authors.

Literature: Latin Literature, MacKail.

Roman History: Tutorial History of Rome, Allcroft and Mason. Four hours a week.

4

Prescribed Authors: Selections from the letters of Cicero, Pliny, Seneca, Fronto. Latin Prose and Poetry (Harrington and Scott). Selections from Latin Poets (Harvard University Press): Ennius, Catullus, Tibullus, Ovid, Phaedrus, Seneca, Martial. Tacitus, Annals, I, II.

Prose Composition based on prescribed Authors.

Lectures on Roman Private Life and Roman Government. Four hours a week.

5

Ecclesiastical Latin: Prescribed Authors: Kuhnmuensch, Early Christian Latin Poets. Saint Thomas Aquinas, Contra Gentiles. One hour a week.

MATHEMATICS

1

Algebra: Graphs, Theory of Quadratic Equations, Maximum and Minimum Values of Simple Functions, Ratio, Proportion, Variation, Progressions, Simple Series, Permutations and Combinations, Binomial Theorem, Annuities, Determinants.

Text: Crawford's Senior Algebra.

Geometry: Plane and Solid Geometry.

Text: Hall and Stevens: School Geometry, Parts V. and VI.

Trigonometry: Plane Trigonometry including Identities, Equations, Establishment of the Ordinary Formulae, Logarithms, Solution of Triangles, Heights and Distances.

Spherical Trigonometry.

Texts: Borchardt and Perrott: New Trigonometry for Schools.
Murray: Spherical Trigonometry.

Five hours a week.

2

Analytic Geometry: Co-ordinate Systems, Transformations, Loci and their Equations, the Straight Line, Circle, Parabola, Ellipse, Hyperbola. Elementary Analytic Geometry of Three Dimensions.

Text: New Analytic Geometry by Smith, Gale and Neeley.

Three hours a week. First term.

3

Differential Calculus: Study of 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 Intersection of Curves. Problems on Rates, Maxima and Minima.

Text: Differential and Integral Calculus by Granville, Smith and Longley.

Three hours a week. Second term.

4

Integral Calculus: Standard Methods of Integration. Use of Integration Formulae. Use of Integral Calculus in determining Areas, Volumes, Centroids, Moments of Inertia, Lengths of Curves and in the solution of other problems occurring in Mechanics and General Physics.

Differential Equations: A Study of the more commonly occurring types of differential equations.

Three hours a week.

5

Differential Equations: A more advanced study of Differential Equations and their applications.

General Mathematics: Complex Quantities and their Graphical Representation, De Moivre's Theorem, Hyperbolic Functions, Expansion of Functions, Fourier's Series, Probability.

Text: Murray, Differential Equations; Cohen, Differential Equations.

Man: Practical Mathematics for Advanced Technical Students.

Three hours a week.

PHILOSOPHY

1

(a) **Logic:** comprises the customary treatment of Formal Logic with added emphasis on Inductive reasoning.

Three hours a week for one semester.

Text: Cotter, Logic. Fillion.

Books recommended: Turner, Lessons in Logic; Clarke, Logic; Bittle, Science of Correct Thinking; Crumley, Logic, Deductive and Inductive; Maritain, Introduction to Philosophy.

(b) **Epistemology:** This course sets before the student the meaning and scope of Philosophy and introduces him to the principal problems of knowledge; truth and error; certitude; criterion of certitude.

Three hours a week for one semester.

Text: Cotter, Epistemology. Fillion.

Books recommended: Cunningham, Notes on Epistemology; Mahoney, Epistemology; Bittle, Reality and the Mind.

2

(a) **Fundamental Psychology:** Beginning with an explanation of life considered in general, the first part of this course is devoted to the study of questions concerning the existence in living beings of a vital principle; the divisions of life into vegetative, sensuous and rational; the doctrines of evolution with added emphasis on the Darwinian Theory.

Three hours a week for one semester.

Text: Fordham University Notes.

Books recommended: Pyne, The Mind; Hill, Psychology; Barrett, The Creature, Man, Matter, Psychology.

- (b) *Rational Psychology*: A continuation of Philosophy 2a embracing the study of the phenomena of rational life; the origin of intellectual ideas; judgment and reasoning; attention and apperception; rational appetency, free will and determinism; the origin, nature and destiny of the human soul; the union of soul and body.

Three hours a week for one semester.

Text: Fordham University Notes.

Books recommended: same as for Fundamental Psychology.

3

- (a) *Metaphysics*: In this course are treated the notions of being, act and potency, essence and existence, substance and accident, relation and cause.

Texts: McCormick, General Metaphysics. Fillion.

Book recommended: Rickaby, General Metaphysics.

- (b) *Cosmology*: Beginning with the question of the origin of the material universe, this course deals with the laws that govern physical nature; the theories advanced to explain the constitution of inorganic bodies; the nature and properties of inorganic bodies.

Texts: McCormick, General Metaphysics. Fillion.

Book recommended: McWilliams, Cosmology.

- (c) *Theodicy*: This course deals with the existence of God, His nature and attributes; creation and Providence; Theism and Atheism.

Texts: McCormick, General Metaphysics. Fillion.

Books recommended: Joyce, Natural Theology; Boedder, Natural Theology; Mercier.

Philosophy 3 extends over two semesters, three hours a week.

4

- (a) *General Ethics*: In this course are treated the subjects belonging to general theory; the nature of the moral act, the distinction between moral good and moral evil, moral habits, natural and positive moral law, conscience, rights and duties.

Texts: Sullivan, General Ethics. Fillion.

Books recommended: Rickaby, Moral Philosophy; Cox, Liberty: It's Use and Abuse; Cronin, Science of Ethics; Hill, General and Special Ethics; Gilson, Moral Values.

Three hours a week for one semester.

- (2) **Applied Ethics:** The application of the general principles of Ethics to particular, individual and social rights and obligations; the right to property, life honour; the rights and obligations of domestic Society; marriage and divorce; civil society, its nature and forms; the rights of civil property; Church and State; the Ethics of International Relations; peace and war.

Text: Sullivan, Special Ethics. Fillion.

Books recommended: Cox, Liberty: It's Use and Abuse; Hill, Special Ethics; Glenn, Science of Ethics; Glenn, Ethics.

5

History of Philosophy: (a) **Ancient:** In Greek Philosophy attention is directed primarily to the teachings of Socrates, Plato and Aristotle and to the systems of Stoicism and Epicureanism. Plotinus is taken as representative of the Alexandrian Movement, and Saint Augustine is studied as the most conspicuous example of the early Christian philosopher.

(b) **Mediaeval:** In the study of Mediaeval Philosophy attention is centred on the origin and development of Scholastic Philosophy and on the system of Saint Thomas as the most complete synthesis of Mediaeval thought.

(c) **Modern:** Descartes, Locke, Hume, Kant, Hegel, Comte and Spencer are taken for special study. Among present day tendencies the revival of Scholasticism and the trend towards Realism are particularly noticed.

Text: Turner, History of Philosophy.

Books recommended: Glenn, History of Philosophy; Mercier, Origins of Contemporary Psychology; De Wulf, History of Mediaeval Philosophy.

PHYSICS

1

General Physics: A general course including Mechanics, Sound, Light and Heat, Magnetism and Electricity.

Lectures and Recitations—Three hours a week.

Laboratory Work—Two hours a week.

Text Book: Stewart, *College Physics*.

2

Mechanics, Sound, Light and Heat: A more advanced course.

Lectures and Recitations—Three hours a week.

Laboratory Work—Two hours a week.

Text Book: Duncan and Starling, *Sound, Light and Heat*.

Reference Books: Randall and Gillon, *Heat*; Sabine, *Acoustics*; Hardy and Perrin, *Principles of Optics*.

3

Magnetism and Electricity: Advanced Course.

Lectures and Recitations—Three hours a week.

Laboratory Work—Three hours a week.

Text Books: Timbie, *Elements of Electricity*; Lyon, *Problems in Electrical Engineering*.

4

Mechanics and Dynamics: Study of co-planar force systems; graphical and analytical methods applied to the determination of stresses and strains 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 and Momentum.

Texts: Poorman, *Applied Mechanics*; Brown, *Engineering Mechanics*. See also *Engineering Course*.

Three hours a week.

POLITICAL SCIENCE

Study of Governments: Development of English Political Institutions. Working of Modern Institutions of English Government. Constitutional Development of British Commonwealth. Problems of Commonwealth Relations of various Dominions with special emphasis on Canada.

Three hours a week.

RELIGION APOLOGETICS

1

This course corresponding to the Orientation Course provided in secular universities, is a survey of Catholic Doctrine and Practice. It outlines for the student, viewpoints, standards, bases, fundamentals which will be more fully developed as the courses in Religion, Philosophy, History, Science, and Literature proceed. The text sketches the purposes and objectives of the College Course and the high points of dogmatic, moral, and devotional religion and philosophy.

Text: Religion and Leadership, by Daniel Lord, S.J.

2

This course provides the student with a systematic presentation of Catholicism from the point of view of the Mystical Body as studied in corporate worship. Aiming to impart a social outlook for Christians in our present day civilization, it deals fully with Grace, the Church as informed by Christ, the Mass and the Sacraments. Furthermore it aims at introducing the student to the field of Liturgical Studies.

Text: Christian Life and Worship, by Gerald Ellard, S.J., Ph.D.

3

In this course modern objections against the Catholic Faith are refuted, while such vital doctrines of the Faith as, the spirituality of the soul, the existence of God, the divine character of the Scriptures, miracles, the divinity of Christ and the divine institution of the Church are fully discussed. In addition certain outstanding moral problems of our modern civilization are treated, such as Birth Control, Eugenics and the like.

Text: The Catholic Church and the Modern Mind, by Bakewell Morrison, S.J., A.M., S.T.D.

4

This course is complementary to Apologetics 3. It furnishes the proofs in such fundamental topics as Faith, the Trinity, Atonement, the Redemption, Eternal Punishment and the Mother of God. The proofs are drawn from Revelation as disclosed in Scripture and Tradition. Each topic forms a section which may be called a treatise from theology.

Saint Mary's 1940-41

- (b) A course dealing with general Scripture Study and consisting of accurate and scientific explanation of historical facts, customs, and traditions, and all significant details contained in the Four Gospels.

Texts: Revelation and the Modern Mind, by Bakewell Morrison, S.J.; The Gospel Guide, by William A. Dowd, S.J., L. S. Scrip.

SOCIOLOGY

1

Fundamentals of Sociology. Christian principles of society. The structure of society. The major problems of society. Economic world problems.

Text: Murray, Introductory Sociology (Crofts, N.Y.).

Two hours a week.

2

Social and Economic Reconstruction: Application of the principles of the Encyclical "Quadragesimo Anno" to the social and economic problems of the day.

Text: Dempsey, Reorganization of Social Economy (Bruce Publishing Co.)

Two hours a week.

3

Applied Sociology: Principles of Christian Sociology in action. Social Case Work. Catholic Social Organizations. The Co-operative Movement. Unemployment. National Insurance. Juvenile Delinquents. Benevolent Organizations.

Text: O'Grady, An Introduction to Social Work (The Century Co.)

Two hours a week.

SPANISH

1

Grammar and Composition: Review of important features. Texts: Hills and Ford, First Spanish Course; Ford, Exercises in Spanish.

Conversational Practice: Based on Texts.

Reading: Taboada, Cuentos Alegres; Alarcón, El Capitan Veneno; Sierra, Canción de Cuna.

Three hours a week

2

Composition: Continuous Prose-Writing in Spanish. Original Essays Letter-Writing.

Conversational Practice: Based on Ybarra and Elías, Método Practico.

Reading: Cervantes, Don Quijote (Selections, Ford); Alarcón, Novelas Cortas Escogidas (Heath); Quinteros, Doña Clarines, Mañana de Sol.

Three hours a week

3

Composition: Further Practice in Continuous Prose and Original Essay Writing. Text: Peers, Spanish Free Composition.

Conversational Practice: Based on Ybarra and Elías, Método Practico.

Reading: Valera, Pepita Jiménez; Caballero, La Gaviota; Calderón, El Alcalde de Zalamea; Benavente, Tres Comedias (Heath); Echegaray, El Gran Galeoto.

Three hours a week

4

A Course in Commercial Spanish. This course is intended for students who desire to acquire facility in the use of Spanish in conversation and in commercial and general correspondence.

Conversation: Based on Ybarra and Elías, Método Practico.

Reading: Spanish newspapers and magazines.

Texts: McHale, Commercial Spanish; Alonso and Hershey, Technical and Industrial Spanish (Heath).

Three hours a week

COURSE IN ENGINEERING

The following Universities and Colleges are affiliated with the Nova Scotia Technical College:—Acadia University, Dalhousie University, King's College, Memorial University College, Mount Allison University, Saint Francis Xavier University, Saint Mary's College.

By the terms of this arrangement each of the affiliated Colleges is represented on the Board of Governors of the Nova Scotia Technical College and a uniform syllabus covering the first three years of the five-year course in Engineering is followed by each. The Technical College offers professional courses in several departments of Engineering covering the last two years of the course.

Students from the affiliated Colleges are admitted to the Fourth Year Course at the Nova Scotia Technical College without examination, provided they furnish diplomas or certified statements from the Colleges they have attended showing that they have fulfilled all the necessary entrance requirements.

ADMISSION TO THE THREE YEARS ENGINEERING COURSE IN THE AFFILIATED UNIVERSITIES AND COLLEGES.

Applicants must have attained the age of seventeen years. The Matriculation requirements for admission to this course are given on page 19.

FIRST THREE YEARS UNIFORM ENGINEERING COURSE.

The following are the courses to be taken in the first three years:

FIRST YEAR	SECOND YEAR	THIRD YEAR
English 1.	English.	Physics 3.
Mathematics 1.	Mathematics 2 and 3	Mathematics 4.
Physics 1.	Chemistry 1.	Mechanics.
Latin 1 or Modern Language 1.	Descriptive Geometry	Graphical Statics.
Philosophy 1.	Materials of Construction.	Chemistry 2.
Engineering Drawing 1.	Engineering Drawing 2.	Mechanics of Machines.
	Surveying 1.	Economics 1.
	Physics 2.	Surveying 2 (with Summer Surveying Camp).
		Geology

SHOPWORK

Shopwork with machine tools is required by the Nova Scotia Technical College for junior students in electrical and mechanical engineering. Instruction in this subject is given in a summer course of three weeks in September immediately preceding the opening of the regular college session. It is required that the students in those two branches of engineering attend the shopwork course at the time specified.

Industrial or engineering experience of a practical nature for a total period of three to six months is required by the Nova Scotia Technical College before the granting of a degree. A portion of this experience must consist of activity in jobs associated with the branch of engineering which the student is pursuing in college. Machine shop practice at the Technical College is not considered as equivalent to any portion of the period of practical experience required.

SUMMER SESSION.

Field Work in Surveying 130 hrs.

SUMMER SURVEYING CAMP

In association with the other affiliated colleges, a three weeks surveying camp for all students who have completed the second year of their course is held at Truro, N. S., in the month of September. Students in Civil and Mining Engineering are required to attend a second three weeks surveying camp at the conclusion of the third year of their course.

Students attending these camps are required to pay a fee of twenty-five dollars upon entering. They should bring with them drafting instruments, clothing suitable for field work, and two pairs of blankets.

Notification of intention to attend the camps should be sent in time to reach the Secretary of the Nova Scotia Technical College on or before August 15th.

ENGINEERING

CHEMISTRY

General Chemistry: As in Chemistry 1. See page 19.

Qualitative Analysis: As in Chemistry 2. See page 19.

DESCRIPTIVE GEOMETRY

Problems on Points, Lines and Planes; Single Curved Surfaces; Warped Surfaces; Surfaces of Revolution; Development of Surfaces; Intersections; Practical Applications.

Text Book—Descriptive Geometry, Schumann. Descriptive Geometry Problems, Schumann and Lee.

Four hours a week.

ENGINEERING DRAWING

1

The work of this course has been arranged so 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.

Text Book—Engineering Drawing, French. Lessons in Lettering, French and Turnbull. American Standard and Drafting Room Practice.

Five hours a week.

Projections, Working Drawings, Pictorial Representation, Development and Intersection of Surfaces, Topography and Preparation of Blue Prints from Working Drawings of Actual Machinery.

Text Book—Engineering Drawing, French.

Four hours a week.

ECONOMICS

See Economics 1 to 5 in the Commerce Course.

ENGLISH

A general study of English Literature aimed to develop literary appreciation by a study of various representative works. A special study of English composition to meet the demands of the engineer. Business Letters. Technical Reports, etc.

Three hours a week.

GEOLOGY

This course lays special emphasis on the application of geologic principles to 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 rocks.

Text Book—Geology, Emmons, Thiel, Stauffer, Allison.

Four hours a week.

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 Book—Graphical Statics, Fairman and Cutshall.

Three hours a week.

MATERIALS OF CONSTRUCTION

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

Text Book—Materials of Engineering, Moore.

One hour a week.

MATHEMATICS

See Mathematics I, II, III and IV in the Arts Course.

PHYSICS

See Physics I, II and III of the Arts Course.

APPLIED MECHANICS

Co-planar force systems, graphical and analytical 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 and Momentum.

Text Books—Applied Mechanics, Poorman; Engineering Mechanics, Brown.

Three hours a week.

MECHANICS OF MACHINES

Motions and Velocities. Instantaneous Center. Kinematic Chain Velocity Diagrams. Cams. Gearing. Belting. Intermittent Motions.

Text Book—Mechanism, Keown and Faires. Elements of Mechanism, Schwamb, Merrill, James.

Three hours a week.

SURVEYING 1

A preliminary course dealing with the theory, adjustment, use and care of surveying instruments. Fundamental surveying methods. Measurements of lines, angles and differences in elevation. Field practice in pacing, taping, surveying of areas, differential leveling.

Text Book—Surveying Vol. 1. Breed and Hosmer.

Three hours a week.

SURVEYING 2

The field work will be carried out during the month of September. The course will consist of compass and transit surveying. Farm survey. Leveling, Profile, Grading. Triangulation. Topographical surveying with transit and stadia.

During the remainder of the year the student makes computations, scale drawings, topographical, profile and contour maps from the notes taken in the field. Lectures are given in city, topographical and subterranean surveying. Determination of azimuth, time and latitude. Simple curves.

Text Book—Surveying Vol. 1. Breed and Hosmer.

Equivalent to four hours a week.

DEPARTMENT OF COMMERCE

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

The Matriculation requirements for entrance are to be found on page 19 of this Calendar.

Graduates in Arts who, in the third or fourth year of their course in Arts, have taken either Economics or Political Science or Commercial Law, as well as Accountancy 1 and 2, may obtain the degree of Bachelor of Commerce in one year after the completion of the Arts Course by satisfactorily taking the following courses in this Department: Accountancy 3 and 4, Auditing (Junior and Senior), One Course in Economics and One Course in Business English.

All candidates for a degree in Commerce are expected to perfect themselves in Typewriting and in the ordinary technique of business-life. Facilities to this end will be afforded them.

COMMERCE DEPARTMENT COURSES.

The following courses are offered in this Department:

ACCOUNTING

1

FUNDAMENTAL ACCOUNTING: The Journal and Journalizing; The Ledger, Posting Trial Balance; The Work Sheet and Statements; Cash, Purchases and Sales Journals; Columnar Journals; Notes and Drafts; Deferred Charges; Partnerships.

Texts: Twentieth Century Accounting-Book I and Pinney's Principles.

2

GENERAL ACCOUNTING: Controlling Accounts; Voucher System; Bad Debts; Accruals; Corporation Reports; Manufacturing Reports; Land and Buildings; Installment, Departmental, Consignment Sales; Governmental Accounting.

Texts: Twentieth Century Accounting-Book II and Pinney's Principles.

3

INTERMEDIATE ACCOUNTING: Complete Analysis of the Balance Sheet; Valuation of Fixed and Current Assets and Liabilities; Problems.

Texts: Ferguson and Crocombe, Limited Companies and Their Accounts. Intermediate Accounting Problems, Rittenhouse and Percy.

4

ADVANCED ACCOUNTING: Corporation Accounting; Secret Reserves; Bond Issues; Treasury Stock; Sinking Funds; Problems.

Texts: Ferguson and Crocombe, Limited Companies and Their Accounts. (Complete). Advanced Accounting Problems, Rittenhouse and Percy.

5

COST ACCOUNTING: Elements of Cost Accounting; Connection of Cost Records with General Accounts; Leakage in factories; Branch Accounts; Goods invoiced at Cost, Intermediate and Selling Price; Chain Stores; Problems.

Texts: Cost Accounting-Lawrence. (Prentice-Hall). Problems in Cost Accounting, Greer and Wilcox.

AUDITING

1

GENERAL PRINCIPLES OF AUDITING: Duties and Responsibilities of Auditors; Analysis of Accounts; Auditing Methods; Problems.

Texts: Smalls on Auditing; Kohler & Pettengill on Auditing. (McGraw-Hill). Income War Tax of Canada.

2

ADVANCED AUDITING: Types of Audits, their advantages and limitations; Examination of Audit Reports. Problems.

Texts. Smalls on Auditing; Problems in Auditing, Hanson. Nova Scotia Act; Public Utilities Act.

COMMERCIAL LAW

A GENERAL STUDY OF 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: Falconbridge and Smith, *Manual of Canadian Business Law*,
Two hours each week.

ECONOMICS

1

GENERAL PRINCIPLES OF ECONOMICS: Production and Distribution; Industrial Organization; Money; Credit; Banking; Free Trade and Protective Tariffs; Reciprocity; Socialism and the Single Tax; Economic Problems in connection with Wages, Profits, Taxation and Insurance.

Texts: Principles of Economics—Bye; Outlines of Economics Ely.

Three hours each week.

2

INTERNATIONAL TRADE: Trade under the Great Companies; Development of Modern Methods; The Classical Theory; The Equilibrium in Exchange; Balance of Payments; A View of World Trade; Raw Materials; International Commercial Policies.

Texts: Principles of International Trade, Sinclair; Griffin. Foreign Trade; International Trade, Taussig.

Two hours each week.

3

CANADIAN PROBLEMS: National and Political Life; Economic Developments; Population and its Problems; The Growth of Industry and Commerce; Agriculture in the Economy of Canada; Cultural Life; Imperial and External Relations.

Texts: Canada, Prof. Brady; The Canada Year Book.

Three hours each week.

4

INVESTMENTS AND BANKING: Investment Principles and Analysis; Railroads; Public Utilities; Foreign Investments; Real Estate; Financial Investments.

Loans and Discounts; Rates of Exchange; Central Banks; Comparison of British, Canadian and American Systems; International Banking Relations.

Texts: Investments, Jordan; Principles of Investments, Badger and Guthmann. Banking, Bradford; Kilbourne, Principles of Banking.

Two hours each week.

5

MATHEMATICS OF FINANCE AND STATISTICS: Compound Interest; Annuities; Bond Valuation; Amortization; Sinking Funds. Index Numbers; Probability; Life Insurance.

Texts: Mathematics of Accounting, Curtis and Cooper. Statistical Methods, Philips.

Three hours each week.

6

BUSINESS ORGANIZATION AND CORPORATION FINANCE: Classification of Bus. Organizations; Single Proprietorships and Partnerships; Public and Private Corporations; Types of Management. The Corporation and its Financial Structure; Common Stock; Stocks with Preferences; Bonds; The Organization Methods; Marketing of Securities; Importance of Accounting.

Texts: Stockder, Business Ownership Organization; Haney on Corporations; Corporation Finance, Arthur Dewing.

7

LABOUR PROBLEMS: Study of Social and Economic Organization in Modern Life; Employment Problems; Legislative Action in correcting Economic Abuses in Europe and Canada; Special Study of recent legislation in the United States; Organized Labour and its Programme; Plans for the improvement of the

condition of the Labouring Class; Papal Encyclicals on the Labour Question; Profit-sharing and other remedial methods. *Texts:* Papal Encyclicals on Labour and the Condition of the Working Class; The Economics of Labor, Millis and Montgomery. Labor Economics and Labor Problems, Dale Yoder.

Two hours each week.

8

AMERICAN ECONOMIC HISTORY: Social and Economic Aspects of Colonization; The Westward Movement before the Revolution; Economic Causes of the Revolution; Finance and Tariffs; Economic Causes of the Civil War; Financial History since 1860; Economic Collapse of 1929.

Texts: American Economic History, Harold Underwood Faulkner; American History, Muzzey.

Two hours each week.

SUGGESTED ELECTIVES

EDUCATION: For Seniors in Arts or Commerce interested in Education, Boys' Clubs or Youth Activities.

SOCIOLOGY: For Seniors and Juniors in Arts, Science or Commerce.

HISTORY OF THE UNITED STATES: For Sophomores, Juniors and Seniors in Arts, Science or Commerce.

POLITICAL SCIENCE: Necessary for students who intend to take up Law. May be taken as elective by Seniors and Juniors in any Department.

ECONOMICS: May be taken by Sophomores, Juniors and Seniors.

FRENCH CONVERSATION: A course specially designed to facilitate spoken French. May be taken by Juniors and Seniors in any Department.

GEOLOGY: A compulsory subject for Engineers but elective for all other students of Junior and Senior standing.

JOURNALISM AND EXPRESSIVE ENGLISH: A semester of expressive English useful for Arts and Commerce students but may be taken by Seniors in any Department. Use of typewriter required throughout the course.

ECCLESIASTICAL LATIN: For Senior Students in Arts.

COURSE IN BUSINESS TRAINING

This course is intended for students who have satisfied the matriculation requirements but who do not look forward to a college degree.

It aims to continue the student's education in such fundamentally important branches as English—especially in its application to the requirements of everyday life—Arithmetic, Modern History and World Affairs, and to supplement these by such a course of studies as will equip for life in the Business World.

The course extends over a period of two years and, on its successful completion, a diploma is awarded.

COURSES

FIRST YEAR

English: English I. See p. 23.

History of Commerce: Cudmore, History of the World's Commerce.
Two hours each week, First Semester.

Commercial Geography: Cornish, Geography of Commerce for Canadians
Two hours each week, Second Semester.

Arithmetic: Pitman, Canadian Business Arithmetic.
Three hours each week.

Typewriting: Touch System. Smith-Jarrett-Wright: Typewriting Technique. Theory and Practice.
Five hours a week.

Shorthand: Functional Method; Gregg. L. A. Leslie.

Accounting: Principles of Debit and Credit, books of original entry; sales; consignments; profit and loss statements; balance-sheet.

Text: Pitman, Canadian Modern Accounting 1.
Four hours each week.

Foreign Language: French I. See p. 26.

SECOND YEAR

English: English II. See p. 23.

History: Modern History. See p. 29.

Economics: See p. 49.

Typewriting: Harned, Advanced Typewriting Text.
Five periods each week.

Accounting: Partnerships, changes in capitalization; introduction of Good-will; admission of a partner; dissolution; corporate organization accounting; analysis of expenditures; problems in accounting.

Text: Canadian Modern Accounting II.
Four hours each week.

Foreign Language: French II. See p. 26.

Convocation Nineteen Forty

PROGRAMME

MONDAY, MAY 20TH, 1940

RELIGIOUS EXERCISES IN THE COLLEGE CHAPEL.

BACCALAUREATE SERMON:

THE REVEREND GERALD MURPHY.

TUESDAY, MAY 21ST, 1940.

NOVA SCOTIAN HOTEL.

ORGAN—March of the Priests Mendelssohn

O CANADA

ALLAN McK. REID at the Organ.

SALUTATORY Harold T. Rose.

CHORAL SELECTIONS—Dear Land of Home Sibelius

Stout-Hearted Men Romberg

PROFESSOR SCOTT-HUNTER, Conductor.

VALEDICTORY Gerald J. Murphy

ORGAN—Selections from Victor Herbert.

ALLAN McK. REID.

STATEMENT OF THE PRESIDENT.

CHORAL SELECTIONS—Duna Josephine McGill

Bells of Saint Mary's A. Emmett Adams

PROFESSOR SCOTT-HUNTER, Conductor.

CONFERRING OF DEGREES.

ADDRESS TO THE GRADUATES Mr. Richard Donahoe, B.A., LL.B.

NATIONAL ANTHEM.

RECESSIONAL.

GRADUATES 1940

ARTS

BEALS, GEORGE EDWIN
CONNOLLY, THOMAS FRANCIS
DUGGAN, CLYDE CHARLES
KELLY, GERALD HADLEY

MCDONALD, JOHN ANDREW
MOFFATT, JOHN GERALD
MURPHY, GERALD JOSEPH
NUNN, THOMAS JOSEPH

SCIENCE

COHN, ALBERT RAYMOND
KELLY, GERALD FRANCIS
PHELAN, GORDON FREDERICK

ROSE, HAROLD THOMAS
SABEAN, ALLAN THADDEUS
WEBBER, BOYACK EDDINGTON

COMMERCE

HANRAHAN, CYRIL JOSEPH

VAUGHAN, BERNARD JAMES
MCNEILL, FRANCIS ANGUS

ENGINEERING DIPLOMA

CAMPBELL, PATRICK JOSEPH
COHN, ALBERT RAYMOND
FLEMMING, WM. CRAWFORD
FORAN, JOHN ALEXANDER
GREENE, MICHAEL STEPHEN
HILCHIE, GLEN
HOGANSON, GEORGE HOWARD

NUNN, BASIL ANDREW
PHELAN, GORDON FREDERICK
SMITH, EDWARD JOHN
ULOTH, MILTON McRITCHIE
WEBBER, BOYACK EDDINGTON
WEST, GEORGE FRANCIS
VAUGHAN, VINCENT EDWIN

BUSINESS TRAINING DIPLOMA

LOWNDS, MATTHEW RUSSELL

SMITH, GERALD VINCENT
McGRATH, FREDERICK JOSEPH

MEDAL LIST

Senior Year	GERALD J. MURPHY
Junior Year	RALPH T. VAUGHAN
Sophomore Year	JOHN R. CAMPBELL
Freshman Year	ROBERT D. WALSH

SCIENCE AND ENGINEERING

Senior Year	HAROLD T. ROSE
Junior Year	BASIL A. NUNN
Sophomore Year	HENRY J. ZINN
Freshman Year	JOSEPH P. VAUGHAN

COMMERCE

Senior Year	CYRIL J. HANRAHAN
Freshman Year	E. ROBERT MILLER

BUSINESS

Senior Year	FRANCIS J. MCGRATH
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SPECIAL DISTINCTIONS

Archbishop McCarthy Medal—(Four Years Apologetics) Donated by Rev. Br. P. J. Culhane.	JOHN A. McDONALD
Philosophy—Four Years Donated by Dr. F. S. Finlay.	THOMAS J. NUNN
Economics Donated by Mrs. W. T. Beazley.	GORDON J. CAMP
Leadership Donated by Birks & Sons.	THOMAS J. NUNN
Senior Debating Society Award Donated by the College.	GERALD J. MURPHY
Physics—Engineering Three Years Donated by Hon. Michael Dwyer.	MILTON MCRITCHIE ULOTH
Mathematics, Freshman Engineering Donated by Hon. Justice Carroll.	JOSEPH P. VAUGHAN
Geology Donated by Hon. Justice Carroll.	HAROLD T. ROSE

HIGH SCHOOL

Saint Mary's College also conducts a High School Department. The Course of studies is in accordance with the Syllabus issued by the Department of Education.

Classes open on Monday, Sept. 9th.

List of Students, 1939-1940

COLLEGE DEPARTMENT

<i>Name</i>	<i>Address</i>
AHERN, WILLIAM KEVIN	Halifax
ANDRIEUX, PIERRE PAUL	St. Pierre, Miquelon
BEALS, GEORGE EDWIN	Halifax
BEATON, RICHARD ALLAN	Halifax
BERRINGER, DONALD ALEXANDER	Halifax
BISHOP, BERNARD WILLIAM	Halifax
BOCHOFF, BORIS JOSEPH	Halifax
CAMP, GORDON JAMES	Halifax
CAMPBELL, PATRICK JOSEPH	Halifax
CAMPBELL, DONALD WILLIAM	Halifax
CAMPBELL, JOHN RODERICK	Shubenacadie, N. S.
COHN, ALBERT RAYMOND	Halifax
CONNOLLY, THOMAS FRANCIS	St. John's, Nfld.
CORBIN, TERRENCE LEWIS	Halifax
COSGROVE, EDWARD THOMAS	Halifax
CURRIE, RALPH JOSEPH	Halifax
DALTON, WILLIAM JOSEPH	Halifax
DEWOLF, EDWARD GERALD	Halifax
DUGGAN, JOHN FREDERICK	Spryfield, N. S.
DUGGAN, CLYDE CHARLES	Halifax
DUNSWORTH, PETER JOSEPH	Halifax
DUNNE, JAMES ALOYSIUS	St. John's, Nfld.
DYER, FREDERICK BERNARD	Halifax
ERNST, HERBERT GEORGE	Halifax
FITZGERALD, MURRAY HENRY	Halifax
FITZPATRICK, JOHN ANTHONY	Halifax
FITZPATRICK, MICHAEL JOSEPH	St. John's, Nfld.
FLEMING, WILLIAM CRAWFORD	Halifax
FLETCHER, HENRY ARTHUR	Halifax
FOLEY, TERRENCE MAURICE	Halifax
FORAN, JOHN ALEXANDER	St. John's, Nfld.

<i>Name</i>	<i>Address</i>
GRANDY, JOSEPH AUSTIN.....	Halifax
GRAVES, LOUIS ALFRED.....	Halifax
GREENE, MICHAEL STEPHEN.....	St. John's, Nfld.
GRIFFIN, KEVIN PATRICK.....	Grand Falls, Nfld.
HALIBURTON, GEORGE MACDONALD.....	Halifax
HALLISEY, JOSEPH BERNARD.....	Halifax
HANRAHAN, CYRIL B.....	Halifax
HARTLING, EDWARD ARCHIBALD.....	Halifax
HAYES, JAMES MARTIN.....	Halifax
HILCHIE, GLEN.....	Fairview, N. S.
HILL, FRANCIS JOSEPH.....	Halifax
HOGANSON, GEORGE HOWARD.....	Halifax
HOGANSON, CYRIL EDWARD.....	Halifax
JANIGIAN, GEORGE PETER.....	Halifax
KELLY, GERALD FRANCIS.....	Halifax
KELLY, GERALD H.....	Halifax
KLINE, HENRY BERNARD.....	Halifax
LABA, PAUL JOHN.....	Halifax
LEAHY, FRANCIS JOSEPH.....	Halifax
LOWNDS, RUSSELL MATTHEW.....	Halifax
MCCARTHY, OWEN TERENCE.....	Halifax
MCCARTHY, AUGUSTINE PATRICK.....	Halifax
MACDONALD, LEO RODERICK.....	Halifax
MCDONALD, JOHN A.....	Halifax
MACDONNELL, JAMES RONALD.....	Dartmouth, N. S.
MACDOUGALL, BASIL JAMES.....	Halifax
MACDOUGALL, JOHN EDWARD.....	Halifax
MCGRATH, FREDERICK JOSEPH.....	Halifax
MCGRATH, HAROLD ST. CLAIR.....	Halifax
MACNEIL, FRANCIS ANGUS.....	Dartmouth, N. S.
MCNEIL, JAMES PATRICK?.....	Halifax
MCPHERSON, ALLAN MALCOLM.....	Halifax
MARTIN, THOMAS JAMES.....	Halifax
MARTIN, TERENCE WALTER.....	Halifax
MEAGHER, JOHN THOMAS.....	Halifax

<i>Name</i>	<i>Address</i>
MILLER, ROBERT EDWARD.....	Halifax
MOFFATT, JOHN GERALD.....	Halifax
MONAGHAN, ALBERT JOSEPH.....	Halifax
MORRISCEY, GORDON EDWARD.....	Halifax
MUNRO, JOHN THOMAS.....	Halifax
MURPHY, JAMES LYALL.....	Parrsboro, N. S.
MURPHY, RICHARD JOSEPH.....	Halifax
MURPHY, ROBERT DAVID.....	Halifax
MURPHY, PATRICK SCOTT.....	Halifax
MURPHY, GERALD JOSEPH.....	St. John's, Nfld.
NUNN, BASIL ANDREW.....	Halifax
NUNN, THOMAS J.....	Halifax
O'CONNELL, LAWRENCE JAMES.....	Halifax
O'NEIL, JAMES PATRICK.....	St. John's, Nfld.
PHELAN, GORDON FREDERICK.....	Halifax
POWER, THOMAS AQUINAS.....	Halifax
PURDY, HAROLD CHRISTIE.....	Bedford, N. S.
QUINN, FELIX JOSEPH.....	Bedford, N. S.
REARDON, CHARLES FRANCIS.....	Halifax
REARDON, GERALD PETER.....	Halifax
RESK, MICHAEL LEO.....	Halifax
ROSE, HAROLD THOMAS.....	St. John's, Nfld.
ROSS, SAMUEL.....	Halifax
SABEAN, ALLAN THADDEUS.....	Halifax
SKERRY, THOMAS REDDING.....	Halifax
SMITH, GERALD VINCENT.....	Halifax
SMITH, LAWRENCE WILLIAM.....	Halifax
SMITH, EDWARD JOHN.....	Halifax
SMITH, CYRIL THOMAS.....	Halifax
SOMERS, GEORGE HENRY.....	Halifax
STURMY, FREDERICK ALBERT.....	Bedford, N. S.
SULLIVAN, THOMAS CYRIL.....	Halifax
THERIAULT, JOHN CHARLES.....	Halifax
TRUDEAU, GUY JOSEPH.....	Halifax

<i>Name</i>	<i>Address</i>
ULOTH, MILTON MACRITCHIE.....	Halifax
VAUGHAN, VINCENT EDWIN.....	Halifax
VAUGHAN, JAMES BERNARD.....	Halifax
VAUGHAN, JOSEPH PHILIP.....	Halifax
VAUGHAN, RALPH PETER.....	Halifax
WALSH, ROBERT DANIEL.....	Halifax
WEBB, MICHAEL IGNATIUS.....	Halifax
WEBBER, BOYACK EDDINGTON.....	Dartmouth, N. S.
WEST, GEORGE FRANCIS.....	Halifax
WHITE, ALBERT EDWARD.....	Halifax
YVON, JEAN MAURICE.....	St. Pierre, Miquelon
ZINN, HENRY JOSEPH.....	Halifax

Time Schedule

ARTS

PERIODS	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	Maths. 1 Latin 4	Greek 2 English 1 Polit. Sc. 4 Econ. 2, 3, 4	Maths. 1 Latin 3 French 5	Logic Polit. Sc. 4 Econ. 2, 3, 4	Maths. 1 Polit. Sc. 4 Greek 3 Econ. 2, 3, 4	Engineering Drawing
2	Latin 1 French 4 Philos. 2, 3	Logic History 3 Education 4	French 1 Philos. 2, 3 French 4	French 1 History 2, 3 Education 4 Sociol. 3, 4	French 1 Philos. 2, 3 French 4	
3	Logic English 2 French 3 English 5	Latin 1 Philos. 4 Sociol. 3, 4	Latin 1 English 2 French 3 English 5	English 1 Latin 4 French 2	Latin 1 English 2 French 3 Philos. 4	
4	Physics 1 Greek 1 German 1 French 2	Physics 1A Greek 1 German 1 French 2 Latin 3	Physics 1 Latin 1 English 3 English 4	Physics 1B Latin 2 English 3 English 4	Physics 1 Greek 1 German 1 Latin 3 French 5	
5	Latin 2 French 1 English 3 English 4	Physics 1A Latin 2 German 3 French 5	English 1 Greek 2 German 3 Latin 4	Physics 1B Greek 3 German 1	English 1 Greek 2 Latin 4 German 3	

ENGINEERING—Second Year

9.00-10.00 10.00-10.50 11.00-12.00	Maths. Chem. Econom.	Des. Geom. Des. Geom. Materials of Constr.	Maths. Chem. Econom.	Des. Geom. Des. Geom. Des. Geom.	Maths. Chem. Econom.	Mach. Drwg.
1.45- 3.45	Pr. Chem.	Surveying	Mach. Drwg	Mach. Drwg.	Pr. Chem.	

Third Year

9.00-10.00	Mechanics	Graph. Statics	Mechanics	Graph. Statics	Mechanics	Kinematics of Machines
10.00-10.50	Maths.	Graph. Statics	Maths.	Graph. Statics	Maths.	
11.00-12.00	Econom.	Mag. & Electr.	Econom.	Mag. & Electr.	Econom.	
1.45- 2.45	Surveying	Pr. Physics	Qual. Analys.	Qual. Analys.	Pr. Physics	
2.45- 3.45	Surveying	Pr. Physics	Qual. Analys.	Surveying	Pr. Physics	

COMMERCE

PERIOD	Monday	Tuesday	Wednesday	Thursday	Friday
1	Maths. 1 Accounting 2 Auditing	English 1 Pol. Science 4 Economics	Maths. 1 Accounting 2 Auditing	Logic Pol. Science 4 Economics	Maths. 1 Pol. Science 4 Economics
2	Philos. 2, 3 Acty. 4	Logic History 2, 3 Education Sociology	French 1 Philos. 2, 3 Acty. 4	French 1 History 2, 3 Education Sociology	French 1 Philos. 2, 3 Acty. 4
3	Logic English 2 Acty. 3 English 5	Acty. 1	English 2 Acty. 3 English 5	English 1 French 2 Ec. History	English 2 Acty. 3
4	Ec. History French 2	French 2	English 3 English 4 Acty. 1	English 3 English 4 Acty. 1	Acty. 2
5	English 3 English 4 French 1	Economics 1	English 1	Economics 1	English 1

Note.—Courses in Religion, Apologetics and Church History are given each day from 12.00 to 12.30. Satisfactory attendance at these Courses, as determined by written or oral examinations, is required.

