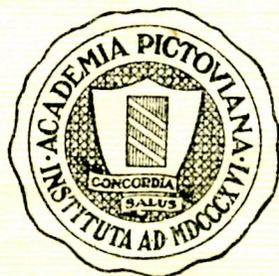


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PICTOU ACADEMY

PICTOU, NOVA SCOTIA
CANADA



COURSE OF STUDY
FOR YEAR 1932 - 1933

115th SESSION

CATALOGUE
FOR YEAR 1931 - 1932

FACULTY OF INSTRUCTION PICTOU ACADEMY

ACADEMIC DEPARTMENT, 1932-33

Clarence L. Moore, M. A. (Dal.), Principal.
Mathematics.

Appointed 1892 and 1919.

Claude J. W. Kedy, B. A., (Dal.), Vice Principal.
English, History and Chemistry
Appointed 1918.

William E. Harris, B. A., (Dalhousie).
Latin and French
Appointed 1918 and 1923.

E. C. Longley, B.Sc. (Acadia)
Mathematics, Physics and German
Appointed 1926.

(To be appointed)

English and Mathematics

(To be appointed)

English and History.

DEPARTMENT OF MUSIC
PIANOFORTE AND VOICE.

Miss Eva Skinner.

COMMERCIAL DEPARTMENT
Miss E. Rita Murray,
Instructor in Shorthand, Typewriting, etc.

FACULTY COMMITTEES

School Athletics:—Mr. Longley.

School Social Functions:—Messrs. Kedy, Harris
and Longley.

School Societies and Entertainments:—Messrs.
Longley and Kedy.

CALENDAR

1932

- Sept. 6—Session begins.
Sept. 6—Supplementary Entrance and Classification Examinations.
Sept. 7—Music Classes open.
Thanksgiving Day—No classes.
Nov. 11—Remembrance Day. No classes.
Dec. 24—Christmas vacation begins.

1933

- Jan. 9—Classes re-open.
Feb. 7—End of Half Year.
April 14—No classes. Easter vacation begins.
April 18—Classes re-open.
May 23—Empire Day.
May 24—Victoria Day. No classes.
June 3—King's Birthday. No classes.
June 19—Classes close.
June 20—Entrance Examination begins.
June 26—Provincial Examination begins.

Regular daily session is four hours, from 9 a. m. to 1.10 p. m.

FOREWORD

PICTOU Academy is situated in the town of Pictou, one of the most beautiful and readily accessible towns of Nova Scotia, and an ideal home for an educational institution. The Academy school building occupies a commanding situation overlooking the town and harbor and in its class rooms, library, laboratories and general equipment satisfies every requirement of a modern school. Near at hand are the grounds of the Pictou Amateur Athletic Association, which are open to the students for recreation purposes. On its teaching staff the Academy has fortunately always been able to secure the services of men of exceptional ability, fine scholastic training and professional skill.

The Academy was founded in the year 1816 through the efforts of Rev. Thomas McCulloch, D. D., Nova Scotia's great pioneer educationist. The purpose of its founder was to provide for the youth of the Province the opportunity for a liberal education apart from considerations of creed or sect and throughout its long history it has continued to be an important factor in the educational life of the Province. A glance at its roll of distinguished alumni justifies the reference to it by one of the most eminent Canadian authors as "the nurse of genius in the Provinces by the sea."

Following the celebration in 1916 of the Centenary of the founding of the Academy, an important movement was inaugurated for its endowment on a scale which would place it in a better position to meet the educational demands of the times. Trustees of the endowment were incorporated by special Act of the Provincial Legislature in 1919 and the body corporate is now known as the Trustees of the Pictou Academy Educational Foundation.

FORMER PRINCIPALS

Thomas McCulloch, D. D.,	1816—1839
Michael McCulloch, Esq.	1839—1844
Mr. Hay	1846—1849
Basil Bell, Esq.	1849—1850
W. G. T. Jarvis, Esq.	1850—1855
John Costley, Esq.	1855—1865
Herbert A. Bayne, Ph. D.	1865—1867
J. Aubrey Lippincott, B. A.	1867—1868
Herbert A. Bayne, Ph. D.	1868—1873
Alex. H. McKay, LL.D., F. R. S. C.	1873—1889
Robert Maclellan, LL.D.	1889—1919

ACADEMIC DEPARTMENT

Admission

Students are admitted under the regulations of the Council of Public Instruction:

(a)—By passing an examination upon the following subjects:

1. English Grammar and Analysis.
2. Arithmetic and Algebra.
3. Drawing and Simple Accounts.
4. Geography and History.
5. General Knowledge.
6. Reading.

The Scholarship required is that prescribed for Grade VIII, of the Common School Course.

(b)—If they hold Teachers' License, Provincial High School Certificates, or Normal School Diplomas.

Those also may be exempt from examination who shall present certificates of scholarship from any institution which the Principal shall deem equivalent to the passing of an entrance examination.

The supplementary examination mentioned in the calendar is for such candidates as can show good reason for not presenting themselves at the regular examination.

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Special Students and Fees.

Students who do not take the full course may, in special cases, be admitted if deemed advisable by the Principal, providing there is no encroachment thereby on the accommodation or privilege of the regular students.

A fee of one dollar will be charged for a special certificate of scholarship, under the seal of the school or on affidavit, issued to any student of the Academy who has withdrawn or graduated.

Classification.

All admissions to the Academy are to the First Year or Grade IX, unless the candidate shows ability to enter a higher class.

Teachers' Licenses and High School Certificates for Grades XI, X and IX, or their equivalents, will admit to the Fourth, Third and Second Year classes respectively. Others are required to pass a Classification Examination on entrance. One such examination is held at the beginning of each term.

Medals and Prizes.

A Gold Medal, presented by the Town, will be awarded to the student making the highest general aggregate in passing the Grade XII Provincial Examination and a silver medal to the student making the second highest aggregate.

The Tupper Gold Medal, for thirty-two years presented by the late Sir C. H. Tupper, for competition in the third year, will be awarded to the student making the highest aggregate in passing the Grade XI Pro-

ACADEMIC DEPARTMENT

Course of Study, 1932 - 1933.

(Subject to minor changes in accordance with the regulations of the C. P. I.)

The Course of Study in this Department is that prescribed by the Council of Public Instruction, and forms a syllabus of examination for the certificate of scholarship required as one of the conditions of obtaining teachers' licenses of the several classes. Provision is made in the Second and Third years and in the Commercial Department for preparing students for the Civil Service examinations, for matriculation in medicine, in law, for the Royal Military College, or for ordinary matriculation in Arts, and in the Fourth year for advanced matriculation in arts.

A certificate from the Academy admits students to the Polytechnic Institute of Worcester, Mass., without examination.

First Year or Grade IX

(English, History and any other Four subjects imperative)

1. **English**:—(a) **Literature**:—High School Reader (Revised Edition) by Marty (Can. Pub. Co.) page 137 to end of book; committing to memory of the following selections: "The Evening Wind"; "The Chambered Nautilus"; "The Revenge". For silent reading, Dr. MacMechan's "Sagas of the Sea." (Kings Treasuries Series of Literature). (b) **Composition**:—High School English Composition (Copp, Clark) Part I, pages 1 to 159, with essays, abstracts and general correspondence so as to develop the power of fluent and correct expression in writing. (c) **Grammar**:—A High School English Grammar, by Jones, Horning and Morrow (J. M. Dent & Sons), Chapters I, II, III, IV. Easy exercises in

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parsing and analysis. (d) **Spelling**:—Nova Scotia Public School Speller (Copp, Clark) to end of page 183.

2. **Latin**:—High School Latin Book (revised edition) by Robertson & Carruthers (Gage) to end of Lesson XLI.

3. **French**:—High School French Grammar, by Fraser and Squair (Copp, Clark), lessons I to XIX inclusive. Conjugation of Regular Verbs and Auxiliaries 'avoir' and 'etre'. First Conversational Reader, (Longmans) Lessons I to XIX inclusive. Conjugation of (1) the regular verbs in context of Reader, (2) the irregular verbs, pages 118-122, Reader, and (3) application to text of appendix D, pages 244-246 in Grammar. Oral: Reading, Questions and Answers based on texts.

4. **English History**:—(a) High School History of England, by Wrong (Macmillan), from the Tudor Period to the end of Book. Review the earlier chapters. (b) A Booklet published by the League of Nations Society in Canada, entitled "A New World or The League of Nations."

5. **Arithmetic**:—Dominion High School Arithmetic (Revised Edition) (Gage) pages 51 to 225 inclusive, omitting pages 174 to 184.

6. **Algebra**:—N. S. High School Algebra (Macmillan), to end of Chapter X.

7. **Drawing**:—(a) Morton's Mechanical Drawing (Allen) with the construction of figures in Euclid Book I. (b) Thompson's Manual Training No. 2 (D. C. Heath). (c) Simple freehand drawing from familiar objects of home and school room.

8. **Science**:—Either (A) or (B) or (C) or (D).

A. **General Science**:—Snyder's General Science

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(Allyn & Bacon), Chapter XI to end of book, with references to the first ten chapters as required.

B. **Agriculture and Botany**:—(1) **Agriculture**:—Brittain's Elementary Agriculture and Nature Study, M. P. Edition (Gage), "Second Year" Course, pages 115 to 243.

(2) **Botany**:—The study of one or more species of the following families from Wild Plants of Canada, by Spotten, Cosens and Ivey (Gage) namely, Pine, Grass, Lily, Orchis, Iris, Willow, Birch, Beech, Buckwheat, Pink, Water Lily, Crowfoot, Fumitory, Cress, Rose, Pulse, Maple, Violet, Parsley, Heath, Mint, Primrose, Figwort, Honeysuckle, Composite.

C. **Mechanic Science**.

D. **Domestic Science**.

(C and D require the completion of a three years course in the subject to be certified by the Inspector of Manual Training).

Second Year or Grade X

(English, History and any other Four subjects imperative)

English:—(a) **Literature**:—High School Reader (Revised Edition) by Marty (Can. Pub. Co.) pages 137 to end of book; committing to memory of the following selections: "The Evening Wind"; "The Chambered Nautilus"; "The Revenge". Shakespeare's "As You Like It." For silent reading—Dickens' "Tale of Two Cities." Rapid silent reading should be encouraged. (b) **Composition**:—High School English Composition, Part II, pages 160 to end of book, with special attention to paraphrase, precis, and reported speech.

(c) **Grammar**:—A High School English Grammar by Jones, Horning and Morrow, Chapters V, VI, VII, VIII, with review of previous chapters.

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2. **Latin**:—High School Latin Book (Revised Edition) from lesson XLII to end of lesson LXXXV.

3. **Greek**:—White's First Greek Book (Ginn & Co.) Lessons I to end of XXXI.

4. **French**:—High School French Grammar, Lessons XX to LI, inclusive, with review of Grammar work for Grade IX. First Conversational Reader, Lessons XX to end of Book. Continuation of Oral work as in Grade IX.

5. **German**:—Lang and Needler's High School German Grammar (Ryerson); first 16 exercises, with Reading Selections to correspond and appropriate parts of the Grammar. Gluckauf (A First German Reader) (Ginn), pages 1 to 66 inclusive.

6. (a) **Canadian History**:—MacArthur's History of Canada for High Schools, Chap. XII to end of book with review of preceding chapters. (b) **Civics**:—Bourinot's How Canada is Governed (Copp, Clark) in the hands of the teachers for oral lessons. (c) A Booklet published by the League of Nations Society in Canada entitled "A New World or The League of Nations."

7. **Physics and Chemistry**:—(a) **Physics**:—Elementary Physics for High Schools, by Merchant and Chant (Copp, Clark), Parts I, II, III and VI, omitting sections 43, 44, 59, 60, 73, 86, 87, 90 and Chapter 25. The following experiments to be performed before the class by the teacher:

(1) Find the number of centimetres in one inch. (2) Find the value of 1 ounce in grams; 1 kilogram in pounds; 1 quart in c.c. and liters. (3) Find the volume of a cylinder (a) by measurement and (b) by displacement. (4) Find the volume of a rectangular solid; also its density. (5) Make an experimental study of the lever. (6) Make an experimental study of the pulley.

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(7) Find experimentally, the value of pi. (8) Find the specific gravity of a heavy and a light solid. (9) Study the method of mixtures. (10) Find the latent heat of fusion of ice. **Apparatus**:—Inch and Centimetre Scale, Spring Balance, English and Metric Scale, Graduate (250 c. c.), Pint Measure, Metre Stick, 3 Single Pulleys, 2 Double Pulleys.

(b) **Chemistry**:—Evans' Elementary Chemistry for High Schools (Revised Edition) Chapters I to VI inclusive. Experiments as in the Manual performed before the class by the teacher; (Manual in teacher's hands only).

8. **Geography**:—Canadian School Geography, by Cornish (Dent), Part I, General Geography; Part II, Commercial Geography; and Part III, Regional Geography, Chapters XXIX to end, and the Nova Scotia Supplement at back of book. References to Chapters XVI to XXVIII as occasion may arise. Canadian School Atlas, by Cornish (Dent) in the hands of the pupils.

9. **Algebra**:—N. S. High School Algebra, Chapter XI to Chapter XVIII, both inclusive.

10. **Geometry**:—Hall and Stevens "A School Geometry," Part I, pages 1 to 98 inclusive, omitting pages 66, 67, 68, 84, 85, and all exercises headed "Numerical and Graphical."

Third Year or Grade XI

(English, History and any other four subjects imperative)

1. **English**:—(Two papers):—(a) **Grammar and Composition**:—High School English Grammar, as in Grades IX and X, whole book except Appendix A and Sections III and IV of Chapter IX. Special attention given to Verb, Pronoun, Conjunction and Analysis of sentences. **History of English Literature**:—Pace's English Literature (Allyn & Bacon), omitting Supple-

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mentary List of Authors at back of book, page 367. (b) **Literature**:—Shakespeare's Julius Caesar; Macaulay's Life of Samuel Johnson. For silent reading: Stevenson's Kidnapped.

2. **Latin**:—(a) **Authors**:—Caesar's De Bello Gallico, Book I, and Vergil's Aeneid, Book I, with grammatical and critical questions. Examination questions shall be two from the first half and one from the second half of each of the two texts prescribed. (b) **Grammar and Composition**:—High School Latin Book (Revised Edition) Lesson LXXXVI to the end of Lesson XCIX page 281 with review of preceding lessons.

3. **Greek**:—(a) Grammar and easy composition based partly on author read. (b) White's First Greek Book to end of Chapter LIX. (c) Xenophon's Anabasis, Book I to end of Chapter 8 with grammatical and critical questions.

4. **French**:—The first seven stories of Manley's Eight French Stories (Allyn & Bacon). High School French Grammar. Lessons LII - LXXXIII inclusive, with a review of the preceding lessons. Continuation of oral work as in Grades IX and X.

5. **German**:—Lang and Needler's High School German Grammar (Ryerson) to end of page 109 and appropriate parts of the Grammar. Bagster-Collins First German Reader (Holt), pages 1 to 44 inclusive. Gluckauf (A First German Reader) (Ginn), pages 69 to 171, inclusive.

6. **History**:—(a) West's Modern Progress (Allyn & Bacon), omitting Chapters 2, 3, 4, 5, 6, 7, 8, 28, 29, 30, 31, 32, 33, 39 and 40. (b) References by the teacher to the chapters in the Grade X History text dealing with Canada from 1914 to the present. (c) A booklet published by the League of Nations Society in Canada entitled "A New World or the League of Nations."

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7. **Physics and Chemistry**:—(a) **Physics**:—Ontario High School Physics, by Merchant and Chant, parts 4, 5, 6 and 7, omitting sections 141, 143, 176, 177, 186, 187, 188, 189, 190, 191, 196, 197, 198, 202, 208, 211, 212, 213, 214, 215, Chapter 21, sections 288, 289, 290, 291, 292, 336, 347, 357, 358, 367, 377, 379, 381, 382, 383, 387, 391, 392. Experiments as follows, to be performed before the class by the teacher: (1) Find the wave length and velocity of sound. (2) Study the laws of vibrating strings. (3) Find the coefficient of linear expansion of brass. (4) Find the specific heat of lead. (5) Make an experimental study of the law of Charles. (6) Find the latent heat of vaporization of water. (7) Find the dew point and relative humidity. (8) Study experimentally the law of inverse squares. (9) Study the laws of reflection. (10) Study the index of refraction. **Apparatus**: Glass Tube (60 cm x 3 cm), Tuning Fork (256), Brass Tube (60 cm x 6 mm), Rubber Tubing to fit brass tube (36 in.) Flask (250 cc) and cork, Thermometer (F. and C. Scales), Glass Tube (60 cm. x 2 mm. inside diam.), Glass Plate, Parallel edges.

(b) **Chemistry**:—Evans' Elementary Chemistry (Revised Edition), Chapters VII to XV inclusive, with reference to previous chapters as required. (Chapters VII to XIV in the older edition). Experiments as found in the Manual.

8. **Algebra**:—N. S. High School Algebra, Chapter XIX to end of book. Omit pages 354, Section 250 to end of Chapter XXVI.

9. **Geometry**:—Hall & Stevens' "A School Geometry," Parts II, III and IV, pages 99 to 246, omitting pages 132 to 137 inclusive, 207 to 218, 244 to 246 inclusive, and all exercises headed "Numerical and Graphical".

10. **Elementary Economics**:—The Canadian Industrial Reader by Sherman & Reid (Dent.) An in-

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roduction to Economics for Canadian Readers by McGibbon (McMillan) in the hands of the teacher only.

Fourth Year or Grade XII

Nine papers out of sixteen on the following subjects constitute a full course. The following subjects are imperative: English, History, one foreign language, one mathematical and one scientific subject.

1. **English**:—(Two papers):—(a) **Language**:—Bradley's "The Making of English" (Macmillan) with reference to the History of English Literature, as from time to time may arise, as in Pace's English Literature, the text book studied in Grade XI. English Prose Selections, edited by W. L. MacDonald. (Macmillan).

(b) **Literature**:—Palgrave's Golden Treasury, Books II and IV (Macmillan); Shakespeare's Macbeth; Scott's Talisman. Silent reading, as directed by the teacher. (Nelson's "Teaching of English Series" is highly recommended.)

2. **Latin**:—(two papers):—(a) **Composition and Grammar**:—All the accidence and syntax in the High School Latin Book from Page 339 to 469, and the English into Latin of the A Divisions of the first 20 exercises, beginning at page 339. (In the revised edition of the book the prescription is a review of the book from the beginning. For composition sections 501 to 645 inclusive. The review exercises are optional.) Sight Translation. The Sight Translation will be taken from Caesar.

(b) **Authors**:—Caesar's De Bello Gallico, Books II and III. Vergil's Aeneid, Book II. The following Myths from Ovid's Metamorphoses (Longmans): Deucalion et Pyrrha, Baucis et Philemon, Atlas in Montem Mutatus, Icarus, Midas. Questions on grammar

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and subject matter in all authors read. Examination Questions shall be two from Caesar II and two from III; four from Vergil II and two from Ovid.

3. **Greek**:—(two papers):—(a) White's First Greek Book completed and reviewed. Sight Translation. Easy Composition partly based on the prose author read. (b) Xenophon's Anabasis, Book I complete and Book II with questions on grammar and subject matter.

4. **French**:—Complete Grammar. Review Grammar, paying particular attention to "Review Exercises," pages 218-232. **Authors**:—Daudet's Le Petit Chose; Labiche and Martin's Le Voyage de M. Perichon; Hunkin's Favorite French Poems, of which the following have been selected—Le Printemps, Le Corbeau et Le Renard, Le Laboureur et Ses Enfants, Le Savetier et Le Financier, La Marseillaise, La Feuille, Le Montagnard Exilé, Le Roi D'Yvetot, Adieux de Marie Stuart, Les Souvenirs du Peuple, Le Lac, L'Occident, Au Rossignol, Le Cor, Extase, Le Tombe Dit a La Rose, Saison des Semailles, Le Soir, La Fermiere, A Une Etoile, Impromptu, Rappelle-Toi, Le Coin du Feu, Les Matelots, Ce Que Disent Les Hirondelles, Nox, Midi, Les Boeufs, Le Vase Brise, Un Songe, Les Aieules, Une Recontre, Il Pleure Dans Mon Coeur, Le Bon Gite, Nuit D'Ete, Le Petit Chat. Continuation of Oral work as in Grades IX, X, XI.

5. **German**:—Lang and Needler's High School German Grammar (Ryerson) review thoroughly. Bagster-Collins "A First German Reader" (Holt), pages 45 to 88 inclusive. Wilhelm Tell, the whole five acts.

6. **Algebra**:—Crawford's Senior High School Algebra (Macmillan), to end of page 221, omitting Chapter XV.

7. **Geometry**:—Hall & Stevens' "A School Geom-

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etry," Parts V and VI, pages 246 to end. Omit pages 306 to 310, 319 to 343, and all exercises headed "Numerical and Graphical."

8. **Trigonometry**:—Elementary Trigonometry by Hall & Knight, pp. 1 to 218 inclusive, omitting pages 127 to 132 inclusive, and pp. 198 - 202 inclusive.

9. **Physics**:—Ontario High School Physics, by Merchant and Chant, omitting sections 422, 423, 424, 425, 426, 427, 428, 429, 430, 433, 434, 435, 436, 437, 438, 439. The Laboratory Manual in hands of pupils. The following experiments should be performed:

- (1) Find the resultant of two parallel forces.
- (2) Find the resultant of two forces at an angle.
- (3) Study the laws of the pendulum.
- (4) Find the coefficient of friction.
- (5) Study pressure in liquids.
- (6) Measure atmospheric pressure.
- (7) Study Boyle's Law.
- (8) Find the radius of curvature and focal length of a concave spherical mirror.
- (9) Find the focal length of a converging lens.
- (10) Study the positions and characteristics of the image produced by a converging lens.
- (11) Find the magnifying power of a simple microscope.
- (12) Study magnetic fields of force by using iron filings.
- (13) Study the magnetic effect of an electric current.
- (14) Study the single fluid Voltaic Cell.
- (15) Construct and study the electro-magnet.
- (16) Study currents induced by a magnet.

10. **Botany**:—Bergen and Davis's Principles of Botany.

11. **Chemistry**:—Evans' Elementary Chemistry (Revised Edition) complete. Manual in hands of pupils.

12. **History**:—Breasted's Ancient Times (Ginn & Co.).

13. **Economics**:—An Introduction to Economics for Canadian Readers by MacGibbon (MacMillan).

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History of Trade and Commerce (with special reference to Canada) by Heaton (Nelson).

BIOLOGY

Fourth Year Botany, Laboratory Course.—Plant analysis and study of the local flora, detailed microscopic study of typical members of the great group of plants with reference to their life histories,—Spermatophytes, Pteridophytes, Bryophytes, etc.; analysis of tissues.

Construction of the microscope, drawings, microscopic measurements, section cutting and the preparation of microscopic objects. Field excursions will be conducted during a portion of the year.

A compound microscope and accessories will be provided for the use of each student taking the course.

CHEMISTRY

Fourth Year.—In the Laboratory the student will perform experiments in connection with the prescribed course and conduct simple investigations assigned from time to time. In this way he will become acquainted with the construction and use of ordinary apparatus and familiarised with ordinary chemical operations.

Third Year.—The Laboratory course in this year is similar to that given in the fourth, but of a more elementary character.

Each student taking Laboratory courses in this subject will be assigned a desk and provided with the apparatus and materials necessary for his work.