The University of British Columbia

Vancouver, B. C.

ANNOUNCEMENT

OF THE

SUMMER SESSION

EIGHTH SESSION

JULY 4TH TO AUGUST 19TH, 1927

SUMMER SESSION

OFFICERS AND STAFF

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W. H. FENTON, L.C.P. (College of Preceptors, London, Eng.), Head of Commercial Department, King George V. High School. Special Lecturer in Advanced Commercial Work.

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JAMES HENDERSON, M.A. (Glasgow), Associate Professor of Philosophy.

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MISS ISABEL MacINNES, M.A. (Queen's), Ph.D. (Calif.), Associate Professor of Modern Languages.

T. C. PHEMISTER, B.Sc. (Glasgow), M.Sc. (Chicago), Ph.D. (Glasgow), Associate Professor of Mineralogy and Petrography. Lecturer in Geography.

G. E. ROBINSON, B.A. (Dalhousie), Associate Professor of Mathematics.

GEORGE M. SMITH, B.A. (Toronto), B.A., M.A. (Oxon), Associate Professor, University of Toronto, Special Lecturer in History.

F. H. SOWARD, B.A. (Toronto), B.Litt. (Oxon), Assistant Professor of History.

FREDERICK G. C. WOOD, B.A. (McGill), A.M. (Harvard), Associate Professor of English.

MRS. JENNIE BENSON WYMAN, B.A., M.Sc. (New Zealand), A.M., Ph.D. (Stanford), Associate Professor of Psychology and Education.

F. DALLAS, Bursar.

S. W. MATHEWS, M.A. (Queen's), Registrar.

J. RIDINGTON, Librarian.

All inquiries should be addressed to The Director of the Summer Session, The University of British Columbia, Vancouver, B. C.

THE UNIVERSITY OF BRITISH COLUMBIA
SUMMER SESSION—1927

TIME-TABLE OF LECTURES

MONDAY, TUESDAY, WEDNESDAY, THURSDAY, FRIDAY

8 a.m.—	Physics 1 (a); Philosophy 1 (a);	Mathematics 2 (a); Education 1 (a);	French 4 Sociology 1 (a);	Mathematics 1 (
9 a.m.—	Chemistry 1 (a); English 2 (a); Sociology 1 (b);	Mathematics 1 (b); Beginners' German (a);	Education 2; Philosophy 1 (b); Mathematics 2 (b);	English 1 (a); Physics 1 (b);
10 a.m.—	Economics 1 (a); English 12;	French 2 (a); Education 1 (b); Economics 3 (a);	English 1 (b); History 1;	English 2 (b); History 3; Chemistry 1 (b)
11 a.m.—	Economics 1 (b); History 2;	Education 4; Latin 1 (a);	English 18; Economics 3 (b);	French 2 (b);
12 noon—	History 4;	Latin 2 (a);	Beginners' German (b);	
1 p.m.—	French 1 (a);	Geography 1 (a);	History 4;	
2 p.m.—	French 1 (b);	Geography 1 (b);	Philosophy 8 (a);	
3 p.m.—	French 3;	Philosophy 8 (b);		

BIOLOGY AND BOTANY

2 p.m.—Biology 1 (a) Lect. (Monday, Wednesday and Thursday); Biology 1 (b); Lect. (Tuesday and Friday).

3 p.m.—Biology 1 (a) Lab. (Monday and Thursday); Biology 1 (b) Lab. (Tuesday and Friday); Biology 1 (b) Lect. (Wednesday).

4 p.m.—Biology 1 (a) Lab. (Monday and Thursday); Biology 1 (b) Lab. (Tuesday and Friday).

COMMERCIAL WORK

9-10—Stenography I; Accounting II.

10-11—Stenography II; Accounting I.

11-12—Laboratory Work for all.

Note.—The laboratory hours in Chemistry and Physics will be arranged, so far as possible, to suit the needs of students.

The courses in Commercial Work are given in the High School of Commerce, Tenth Avenue and Oak Street, Vancouver.

A schedule of the rooms in which the above lectures are given will be posted on the bulletin board, and copies will be distributed to students at the beginning of the Summer Session.

THE SUMMER SESSION, 1927

The eighth Summer Session of the University of British Columbia will be held July 4th to August 19th, 1927, a period of seven weeks exclusive of examinations. This announcement supersedes the announcement of a six weeks session as given in the general calendar, p. 297.

The University is now settled in its new quarters at Point Grey, about six miles from the centre of Vancouver, and provides, in the new buildings, ample accommodation for the classroom and laboratory work of the Summer Session.

It is believed that no group of University buildings on the continent has more beautiful and inspiring surroundings, and Summer Session students will be able to enjoy those surroundings to the full because of the equable and sunny climate which is characteristic of the summer months in Vancouver and vicinity.

There is a convenient transportation service from Vancouver. Buses operated by the B. C. Electric Railway run from the street-car line at the corner of Tenth Avenue and Sasamat Street direct to the University. The combined street-car and bus fare is ten cents, and the running time from down town Vancouver is three-quarters of an hour. There is extensive boarding-house accommodation in West Point Grey, within a ten minutes' ride by bus from the University. The bus fare is three cents.

Summer Session students will have ample opportunity for outdoor exercise and recreation, and provision will be made, as heretofore, for special features, such as excursions and picnics, which have been such an agreeable feature of Summer Session life in years past. Point Grey has excellent beaches for sea-bathing and these are within easy walking distance of the University.

In compliance with the request of the Summer Session students' association, advanced courses will be provided during the Summer Session of 1927, the successful completion of which, by regular students, entitles to credit in the Third and Fourth Years of the Arts Course. These will be found outlined under the announcements of the Departments of Economics, English, History and Philosophy. The University is not hereby committed to offering any or all of these courses in succeeding summer sessions. It is hoped that the special courses in Education by visiting lecturers will meet with the favorable reception that has been accorded to them in previous years.

To meet the conditions under which the Summer Session is being held, the University cafeteria will serve luncheon and supper, and light refreshments may be obtained throughout the day at reasonable rates. The cafeteria is situated in the Auditorium Building and possesses the most modern equipment for the service

and convenience of patrons. The management of the cafeteria is prepared to cater to picnic and luncheon parties and to assist the students in any way which will contribute to their welfare and comfort.

Good board and lodging can be obtained in the vicinity of the University at a cost of $40.00 a month and upwards; or, separately, board at $35.00 and upwards per month, and rooms at $5.00 to $10.00 per month. Lists of approved boarding houses may be obtained from the Director or the Registrar after June 20th.

THE SESSION AND REGISTRATION:

The Summer Session of 1927 will extend from July 4th to August 19th inclusive. Examinations are held following the close of the Summer Session. *All students are required to register on or before July 4th. No person will be admitted to a class except upon presentation of a certificate of registration.*

All students desiring to obtain formal credit for work done in the Summer Session must, upon entrance, present evidence of Junior Matriculation standing or its equivalent.

Summer Session students shall be registered as follows:

Students whose Full Junior Matriculation standing has not been approved shall register as Partial students.

Students proceeding to a degree in due course whose Full Junior Matriculation standing has been approved shall register as First Year students until they have completed the 15 units of work prescribed by the Calendar.

Students proceeding to a degree in due course with Full First Year standing shall register as Second Year students until they have completed the Second Year in conformity with Calendar regulations.

Those students only may register as Third or Fourth Year students who have completed the previous years in accordance with Calendar regulations.

FEES:

Fees are as follows and must be paid not later than the close of the first week of the Summer Session, otherwise a late fee of $2.00 will be exacted:

Minimum fee payable upon registration	$15.00
Fees per 1½ units	10.00
Fees for Students in Commercial Courses	15.00
Summer Session Association fee	1.00

ATTENDANCE:

Students must attend regularly the classes in a course for which they register. Those whose unexcused absences from such a course exceed one-eighth of its total number of meetings will not be credited with attendance in that course.

The passing mark on each paper in the Summer Session is 50%. Credit, however, will not be granted for any part of a course until the whole course has been completed.

Part courses in different subjects may not be combined.

A maximum of six units may be taken.

*First and Second Year courses may be taken in the Third or Fourth Year, but only with the consent of the Department concerned and of the Department in which the candidate is doing his major work, and no such course (with the exception of Third and Fourth Year subjects which are open to Second Year students) will be counted for more than 2 units in the Third or Fourth Year. But the Department in which such a course is taken may supplement it by a reading course or special course counting one unit.

When a student who has full Junior Matriculation standing has taken classes and passed examinations that are the equivalent of one of the years of the regular University course for a degree, he should submit an "Application for Transfer of Credits from Summer Session to Regular Course work for a Degree."

Blank forms for this Transfer of Credits may be obtained from the Registrar's Office.

EXAMINATIONS:

At the close of the Summer Session examinations are held in all of the courses for which University credit is given. Examinations in other courses may be given at the judgment of the instructor.

Teachers holding either Academic or First Class Certificates, after they have completed two summer sessions in Commercial Work at the University, and after they have passed the necessary final examinations, will be granted Assistant High School Teachers' Certificates for Commercial subjects.

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*This regulation applies to students in Pass courses only, and an exception is made in the case of Greek I and German I.

COURSES OF STUDY

BIOLOGY.

General Biology.

Text-book: Smallwood, *A Text-book of Biology,* Lea and Febiger.

1 (a). Three lectures and two laboratory periods a week.

1 (b). Three lectures and two laboratory periods a week.

Note: The summer courses in Parts (a) and (b) may be taken concurrently, and together constitute the equivalent of Biology 1.

CHEMISTRY.

1 (a). Five lectures and two laboratory periods of three hours a week.

Text-book: Smith's *College Chemistry,* as revised by Kendall, 1923 ed., Century Co., first twenty-three chapters.

1 (b). Five lectures and two laboratory periods of three hours a week.

Text-book: Smith's *College Chemistry,* as revised by Kendall, 1923 ed., Century Co., last twenty-two chapters.

The satisfactory completion of Parts (a) and (b) will entitle students to University credit in Chemistry 1.

COMMERCIAL WORK—ADVANCED.

This course is designed to cover two Summer Sessions. Teachers holding Academic or First Class Certificates who complete the course may be granted Assistant High School Teachers' Certificates for Commercial Subjects. The final examination for the granting of certificates will be held by the Department of Education at the end of the Summer Session.

The purposes of the course are twofold, namely:

(1) To give certificated teachers a working knowledge of the content of the Commercial Courses in the High Schools of the Province, and

(2) To train teachers in the latest and most approved methods of teaching the work.

The above work will be given in the Session of 1927, in two parts: Part I for beginners, and Part II for those who have completed Part I and others with advanced standing in the subject sufficient to warrant exemption from Part I.

A complete statement of the courses in various subjects and the requirements for certification of teachers of Commercial Subjects may be found on pages 68 and 69 of the Courses of Study for 1926-27 issued by the Department of Education.

ECONOMICS.

1 (a). *Principles of Economics.* An introductory study of general economic theory, including a survey of the principles of value, prices, money and banking, bimetallism, crises, monopoly, international trade, foreign exchange, and tariffs.

Text-books: Ely, *Outlines of Economics,* Macmillan. Clay, *Economics for the General Reader,* Macmillan.

5 hours a week.

1 (b). *Principles of Economics (continued).* This portion of the course will include a survey of the principles underlying interest, rent, wages, trade unionism, population, socialism, control of railways and trusts, taxation, etc.

Text-books: Ely, *Outlines of Economics,* Macmillan. Clay, *Economics for the General Reader,* Macmillan.

5 hours a week.

3. *Economics of Labour and Social Reform.* This course will deal with the following topics:

The Nature of the Problems, The Emergence of Labour Problems in England, The Development of Labour Problems in the United States, The Standard of Living, Wealth, Income and Wages, Hours of Labour, Child Labour, Women in Industry, Human Waste in Industry, Unemployment, Labour Turnover, Immigration, Industrial Unrest, Labour Organizations—History and Types, Labour Organizations—Government, Aims and Practices, Employers' Associations, The Adjustment of Industrial Disputes, Shop Committees and Industrial Councils, Personnel Administration, Profit-sharing and Labour Co-partnership, Industrial Education and Training, Co-operation, Socialism, Labour Legislation, Social Insurance, The Basis of Progress.

Text-book: Gordon S. Watkins, *An Introduction to the Study of Labour Problems.*

10 hours a week. 3 units.

Note: This course is equivalent to Economics 3 of the Winter Session.

SOCIOLOGY.

1. *Principles of Sociology.* An introductory study of early man and his relation to his environment; of races of men and their distribution; of the early forms and development of industrial organization, marriage and the family, arts and sciences, religious systems, government, classes, rights, etc. A

review, also of certain of the social problems of modern society growing out of destitution, crime, overcrowding, etc. A critical survey of schemes for betterment.

Text-book: Blackmar & Gillin, *Outlines of Sociology,* Macmillan. Beach, *An Introduction to Sociology and Social Problems,* Houghton Mifflin.

Note: This course will be given in two parts, (a) and (b).

No credit will be given until both parts are completed.

10 hours a week. 3 units.

EDUCATION.

1 *Advanced Educational Psychology.*

(a). *Psychology of Mental Measurement.* A study of the concept of intelligence. Its practical bearing in modern life. Principles and applications of the measurement of intelligence. Practical training in the methods of individual and group examinations. The nature and causes of mental defects and peculiarities. Treatment of subnormal, normal and gifted children.

References: Terman, *Stanford Revision of the Binet-Simon Tests;* Hollingworth, *The Gifted Child;* Burt, *The Young Delinquent;* Hart, *The Psychology of Insanity.*

Prerequisite: Philosophy 1 or its equivalent.

Five hours a week.

(b). *Problems in Primary and Secondary School Work,* involving advanced statistical methods and the derivation and standardisation of tests in the various school subjects.

Prerequisites: Educational Psychology; Elementary Tests and Measurements; Elementary Educational Statistics.

Five hours a week.

Education 2. A course in Junior High School Organization and Methods. The problem of the Junior High School will be presented in both its historical and its contemporary aspects.

5 hours a week.

Text: Touton, *Junior High School Procedure,* Ginn & Co. Professor Aikin.

Education 3. A course in Secondary School Problems. Professor Aikin.

Text: Edmonson, *Problems in Secondary Education,* Public School Publishing Co., Bloomington, Ill.

5 hours a week.

ENGLISH.

1 (a). *Literature.* Elementary study of a number of literary forms to be chosen from the short story, the play, the novel, the essay, the simpler sorts of poetry.

Text-books: Sherman, *A Book of Short Stories,* Holt. Euripides, *Electra,* in Gilbert Murray's paraphrase. Shakespeare, *Julius Caesar.* Sheridan, *The School for Scandal,* Everyman. Ibsen, *The Doll's House,* Everyman. *An Anthology of Modern Verse,* Methuen.

5 hours a week.

1 (b). *Composition.* Elementary forms and principles of composition; expository themes; study of models.

5 hours a week.

The completion of Parts (a) and (b) will entitle the student to credit in English 1.

2 (a). *Literature.* Studies in the history of English Literature.

First Part: Lectures and texts illustrative of the chief authors and movements from Tottel's Miscellany to 1700.

5 hours a week.

Second Part: Lectures and texts illustrative of the chief authors and movements from 1700 to the death of Shelley.

5 hours a week.

Text-books: Halleck, *History of English Literature,* American Book Co., 1918. *Century Readings in English,* ed. Cunliffe, Century Publishing Co.

2 (b). Narrative and descriptive themes; the writing of reports.

3 hours a week.

The completion of Parts (a) and (b) will entitle the student to credit in English 2.

12. *Narrative Poetry.* Discussion and types—epic, ballad, metrical romance, with readings in modern English paraphrase where necessary.

5 hours a week. 1½ units.

18. Social, literary, religious and scientific movement of the Victorian period; Carlyle, Ruskin, Mill, Newman, Darwin, Arnold, Butler, Stevenson.

5 hours a week. 1½ units.

FRENCH.

1 (a). Review of the essentials of French grammar and syntax applied to the correct writing of French.

Text-book: Bazin, Clement and Macirone, *Voici la France,* Heath.

5 hours a week.

1 (b). Review of the essentials of French grammar and syntax applied to the correct writing of French.

Text-book: Molière, *Les Precieuses Ridicules,* Longmans.

5 hours a week.

The completion of Parts (a) and (b) will entitle the student to credit in French 1.

2 (a). Exercises in French on the text read, written résumés and original composition in French.

Text-books: Augier et Sandeau, *Le gendre de Monsieur Poirier,* American Book Co. Composition from Wilson and Jaccard, *A First French Prose Composition,* Bell, London.

5 hours a week.

2 (b). Exercises in French based on the text read, written résumés, and original composition in French.

Text-books: La Fontaine, *One Hundred Fables,* Ginn. Daudet, *Lettres de Mon Moulin,* Oxford. Wilson and Jaccard, *A First French Prose Composition,* Bell & Sons.

5 hours a week.

The completion of Parts (a) and (b) will entitle the student to credit in French 2.

N.B.—Course S. 3 can be taken in conjunction with the foregoing courses.

S. 3. (a) Exercises in spoken French, based on the work of the First and Second Years, arranged for teachers and for students who intend to enter the University.

5 hours a week.

S. 4. Methods of French teaching and Phonetics.

5 hours a week.

GEOGRAPHY 1 (a) and (b).

A general course in the principles of physical geography, intended to furnish teachers and others with (1) a general background of interest in the subject and a knowledge of the relative value and use of the geographical data, as taught in public and high school courses (a knowledge of which is presupposed); (2) An outline of the processes by which present geographic conditions have been produced, and of their effect on the human population of the planet. The topics discussed are: General Earth Relations, The Atmosphere, Climatic Factors, Typical Climates, The Oceans, Earth Materials and Their Bearing on Life, Changes in Land Surfaces Produced by Internal and External Forces, Plains, Plateaus, Mountains and Valleys in Their Relations to Human Developments, Coasts and Harbors, Inland Water Ways and Traffic Routes.

Text-book: Salisbury, Barrows and Tower, *Elements of Geography,* Henry Holt & Co.

10 hours a week. 3 units.

BEGINNERS' GERMAN.

Composition, Grammar, Conversation. Text-books: (a) Zinnecker, *Deutsch für Anfänger,* Heath. (b) Haertel, *German Reader for Beginners.*

Note: This course may be taken with profit by students who wish to acquire a reading knowledge of German and yet do not need the subject for University credit. University credit (3 units) will be given only to such students as are able to meet fully the requirements exacted of Winter Session students in this subject.

HISTORY.

S. 1. *European History,* 1494-1648, *Renaissance and Reformation.*

Text-books: W. H. Hudson, *The Story of the Renaissance.* Fisher, *The Reformation.*

Books especially recommended: Symonds, *A Short History of the Renaissance in Italy.* Preserved Smith, *Erasmus.* McGiffert, *Martin Luther. Cambridge Modern History,* vols. i-iv.

5 hours a week. Mr. G. M. Smith.

S. 2. *European History,* 1763-1815, *The Pre-Revolution, The Revolution and Napoleon.*

Text-books: Lowell, *The Eve of the French Revolution.* Shailer Mathews, *The French Revolution.* Johnston, *Napoleon.*

Books especially recommended: Taine, *L'Ancien Régime.* Aulard, *The French Revolution.* Rose, *Life of Napoleon I.* H. A. L. Fisher, *Napoleonic Statesmanship.* Germany, *Cambridge Modern History,* vols. viii-ix.

5 hours a week.

S. 3. *Modern Europe,* 1870-1919. A study of the political, social and economic development of Europe from the Franco-Prussian War to the Congress of Versailles.

Text-book: Hayes, *Political and Social History of Modern Europe,* Volume 2, 1815-1924; or Hazen, *Europe Since* 1815.

Books especially recommended: Moon, *Imperialism and World Politics.* Perkins, *Outline of Recent European History.*

S. 4. *Some Interpretations of History.* This course is open only, except with special permission, to those who have already taken two summer school courses in History. It treats with the origin and growth of history and with various interpretations, geographic, economic, racial and spiritual.

Text-books: George, *The Relation of Geography and History.* Seligman, *The Economic Interpretation of History.* Shailer Mathews, *The Spiritual Interpretation of History.*

5 hours a week. Mr. Soward.

The completion of any two of the foregoing courses will entitle the students to 3 units of credit in History in any year, but S. 4 is not open to students of the First and Second Years.

LATIN.

1 (a). Cicero, *Pro Lege Manilia,* Select Orations and Letters, Allen and Greenough, Ginn. Selected exercises in Bradley, *Arnold's Latin Prose Composition,* Longmans, Green. Roman History to 265 B.C.

5 hours a week.

Given in 1928.

1 (b). Virgil, *Georgics IV,* Page, Macmillan. Selected exercises in Bradley, *Arnold's Latin Prose Composition.* Longmans, Green. Roman History, 265 B.C. to 133 B.C.

5 hours a week.

Given in 1927.

2 (a). Cicero, *Pro Archia,* Select Orations and Letters, Allen and Greenough, Ginn. Horace, *Selected Odes,* Wickham, Clarendon Press. Selected exercises in Bradley, *Arnold's Latin Prose Composition,* Longmans, Green. Roman History, 133 B.C. to 27 B.C.

5 hours a week.

Given in 1928.

2 (b). Virgil, *Aeneid,* Book VI, Page, Macmillan. Selected exercises in Bradley, *Arnold's Latin Prose Composition,* Longmans, Green. Roman History 27 B.C. to 96 A.D.

5 hours a week.

Given in 1927.

Roman History text-book: Boak, *A History of Rome to 565 A.D.,* Macmillan. Roman History will be read privately; it is suggested that as much as possible of this reading be done before the opening of the Summer Session.

Latin 1 (a) and (b) qualify the student for First Year University standing, Latin 2 (a) and (b) for Second Year standing.

MATHEMATICS.

1 (a). *Algebra.* Three hours a week.

Text-book: Wilson and Warren, *An Intermediate Algebra* (Chapters I to XV), Oxford.

1 (b). *Geometry.* Three hours a week.

Text-book: McDougall, *Advanced Geometry,* Copp Clark.

1 (c). *Trigonometry.* Four hours a week.

Text-book: Playne and Fawdry, *Practical Trigonometry,* Copp Clark. Paterson, *Five-figure Tables,* Oxford.

The completion of the three above courses will entitle the student to University credit in Mathematics 1. While the three subjects may be taken concurrently, students are advised to take the Algebra one session and the Geometry and Trigonometry the following session. In any case the Trigonometry should be taken before, or along with, the Geometry.

2 (a). *Analytical Geometry.* Three hours a week.

Text-book: Fawdry, *Co-ordinate Geometry,* Bell.

2 (b). *Algebra.* Three hours a week.

Text-book: Wilson and Warren, *An Intermediate Algebra* (complete edition), Oxford.

2 (c). *Calculus.* Four hours a week.

Text-book: Woods and Bailey, *Elementary Calculus,* Ginn.

The completion of the three above courses will entitle the student to University credit in Mathematics 2. The Analytical Geometry and Calculus should be taken concurrently.

PHILOSOPHY.

1 (a). *General Psychology.*

Text-book: Woodworth, *Psychology, a Study of Mental* Life, Holt.

5 hours a week.

1 (b). *Logic.*

Text-book: Mellone, *Introductory Text-book of Logic,* Blackwood (latest edition).

5 hours a week.

The completion of the two above courses by qualified students will entitle to University credit in Philosophy 1. They are, however, open without credit to all other students in the Summer Session.

Philosophy 8. A study of those particular phases of mental life and development which are fundamental in social organization and activity.

Texts: McDougall, *Introduction to Social Psychology.* McDougall, *The Group Mind.* Ginsberg, *Psychology of Society.*

For references, see under Philosophy 8, Winter Session Calendar.

This will be given in two parts (a) and (b), each five hours a week, but no credit will be given in the course until both parts are completed.

10 hours a week. 3 units.

PHYSICS.

1 (a). *Mechanics, Properties of Matter and Heat.*

Five lectures, and two two-hour laboratory periods per week.

1 (b). *Sound, Light and Electricity.*

Five lectures, and two two-hour laboratory periods per week.

Text-book: Millikan, Gale & Pyle, *Practical Physics,* Ginn.

The above courses are the equivalent of Physics 1 in the University Calendar. They may be taken concurrently.

3 units.

SUMMER SESSION

OF

The University of British Columbia

VANCOUVER, B. C.

EIGHTH SESSION, BEGINNING JULY 4TH, 1927

To the Director of the Summer Session:

Session of this year:

**I intend to register for the following courses in the Summer*

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I shall have to procure the following books:

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Signed.....

Address.....

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*This is not a registration form. All students are required to register at the Registrar's Office, on or before July 4th.