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**EXTENSION, SATURDAY
and EVENING CLASSES**

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LEBANON VALLEY COLLEGE
ANNVILLE, PA.

EXTENSION, SATURDAY AND EVENING SCHOOL

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FACULTY OF EXTENSION, SATURDAY AND EVENING SCHOOL

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MARY E. GILLESPIE, M.A. *Director of the Conservatory of Music*
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FREDERIC K. MILLER, A.M. *Acting Professor of History*
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GENERAL STATEMENT

Through extension work in Harrisburg, evening classes at the college in Annville, and summer school, Lebanon Valley College has for many years enabled many students to obtain college courses and secure academic degrees while continuing their regular occupations. By a careful selection of courses and consultation with the heads of the departments of the college or the director of extension and evening classes, a student can meet the requirements of the college for a baccalaureate degree while earning a livelihood.

All extension and evening courses are taught by full time members of the college faculty. The courses offered in extension and evening class work are so alternated from year to year that a student can readily secure those required for graduation.

ACADEMIC STANDING

Lebanon Valley College is fully accredited by the Department of Public Instruction of Pennsylvania, the American Association of Colleges and Secondary Schools of the Middle Atlantic States and Maryland. It is a member of the American Association of Colleges and of the American Council on Education.

Lebanon Valley College is an Associate Member of the National Association of Schools of Music. The Conservatory of Music is fully accredited by the Department of Public Instruction of Pennsylvania.

LOCATION

The college is situated at Annville, twenty-one miles east of Harrisburg on the Benjamin Franklin Highway. Students from Harrisburg and the vicinity may commute to the college in less than forty minutes time.

REQUIREMENTS FOR DEGREE

Lebanon Valley College offers the degree of Bachelor of Arts (A.B.) and the degree of Bachelor of Science (B.S.)

Residence requirement Degrees will be conferred only upon candidates who have completed a minimum of 30 semester hours work in regularly conducted classes on the college campus. This requirement may be met through attendance at evening and Saturday classes offered at the college.

Hours Candidates for degrees must obtain a minimum of 126 semester hours credits in academic work, and four in Physical Education. Extension and evening class students are not required to have the work in Physical Education.

Quality Points Candidates for degrees must also obtain a minimum of 130 quality points, computed as follows: for a grade of A, 3 points for each credit hour; for a grade of B, 2 points; for a grade of C, 1 point. No quality credit will be given for a grade of D.

Major and Minor As part of this total requirement, every candidate must present at least 24 semester hours in one department (to be known as his Major), and at least 16 semester hours in another department (to be known as his Minor). Both Major and Minor must be selected before registration for the sophomore year, the Minor to be suitably related to the Major, and chosen with the advice and approval of the Head of the Major Department.

The A.B. degree will be awarded to those fulfilling the requirements for a Major in the following departments: Bible and Religion, English, French, German, Greek, History, Latin, Mathematics (Arts option), Political Science and Sociology, Philosophy, and Psychology. The B. S. degree will be awarded to those fulfilling the requirements for a Major in the following departments: Biology, Chemistry, Mathematics (Science option), Physics, Business Administration and Economics, Education, Music Education.

Students majoring in Education must take two Minors of not less than 18 semester hours each.

GENERAL REQUIREMENTS

Certain courses embodying the fundamentals of a liberal education, are required by all students. These courses, which vary slightly according to the degree sought, are as follows:

Bible 14 and 82	6 hours
English 16 and 26	
Foreign Language ¹	
History ²	6 hours
Hygiene and Orientation	2 hours
Mathematics ³	
Philosophy 32	2 hours
Physical Education	4 hours
Psychology 14	4 hours
Science ⁴	
Social Studies	6 hours
Economics 16 or	
Philosophy 23-A and 23-B or	
Political Science 16 or	
Sociology 13 and 23	

¹ For the A.B. degree 12 hours of Foreign Language are required.

For the B.S. degree 6 hours are required above the beginners' course. Courses may be selected from French, German, Latin, or Spanish.

² This may be made up from the following courses: History 13, 123, 213, 23-A, 23-B, 46, 412, 422, 43-B.

³ Math. 13, 23, and 48 are required for the degree of B.S. in Science. Pre-Medical students may substitute an elective for Math. 48. Students majoring in Business Administration and Economics are required to take Math. 13 and 23 or 113 and 123.

⁴ Biology 18, Chemistry 18, and Physics 18 are required of candidates for the B.S. degree with a major in Science. Others may elect one of the three.

For explanation of the numbers see the college Bulletin.

Students outlining a course for a degree should communicate at once with the Head of the Department in which they intend to Major.

Candidates for the Baccalaureate degree who desire to be admitted to advanced standing by virtue of work done in other institutions, should lose no time in having their credits evaluated by the Registrar, in order that they may be informed as to what requirements they must meet for graduation.

PRE-PROFESSIONAL COURSES

The college offers pre-medical, pre-legal, pre-theological courses to prepare students for entrance to schools of Medicine, Law, and Theology. For students who wish to major in the field of economics in preparation for the business world, the college offers a course in Business Administration. Students interested in these fields should write to the Registrar for the College Bulletin.

MUSIC

The college has a separate department, the Conservatory of Music, for those interested in Music. Students interested in this field should write either to the Director of the Conservatory of Music or the College Registrar for the bulletin of the Conservatory.

CREDITS

Credits will be issued to all students showing the courses attended, grades and number of semester hours credit.

FEEES

A fee of one dollar will be charged for matriculation. In the case of students registered in both extension and evening courses only one matriculation fee is required. The tuition charge for Extension and Saturday and Evening Courses will be \$8.00 for each semester hour of credit. A special tuition fee of \$5.00 per semester hour will be charged persons who desire to take any of the courses as an auditor, without examination and without credit.

Fees for the first semester are due and payable on or before October 15 and for the second semester on or before February 15. Remittances should be made to Lebanon Valley College and may be sent by mail to J. W. Esbenshade, Secretary of the Finance Committee.

REGISTRATION

Special registration evenings for the extension classes in Harrisburg will be held in the Central High School Building, on Forster Street from 7:00-9:00 p. m. on Monday and Tuesday evenings, September 14th and 15th. At that time students interested in Extension classes may meet and consult with the director, and extension class teachers relative to their courses. Students unable to register on either of the above evenings may do so on the evening the class in which they are interested meets.

Registration for the evening classes at Annville will be held on Friday evening, September 18th.

The Extension and Evening Class representative of the College in Harrisburg and the vicinity is Miss Viola Fager, 1217 North Second Street, Harrisburg.

EXTENSION COURSES

1942-1943

Central School, Forster Street, Harrisburg, Pa.

Classes begin the week of September 14th

<i>Course</i>	<i>Time</i>	<i>Professor</i>
General Psychology <i>or</i> Applied Psychology	Mondays, 7:00 p. m.	Dr. L. G. Bailey
Survey of English Literature <i>or</i> Shakespeare	Tuesdays, 7:00 p. m.	Dr. P. A. W. Wallace
English History <i>or</i> The Renaissance	Tuesdays, 7:00 p. m.	Prof. F. K. Miller
Economics	Wednesdays, 7:00 p. m.	Dr. M. L. Stokes
Mathematics <i>or</i> Statistics	Wednesdays, 7:00 p. m.	Dr. Amos Black
English Composition <i>or</i> American Literature	Thursdays, 7:00 p. m.	Dr. Geo. G. Struble
Political Science	Thursdays, 7:00 p. m.	Dr. H. H. Shenk

DESCRIPTION OF COURSES OFFERED IN HARRISBURG

BUSINESS ADMINISTRATION

E-13. Economic Geography. The course deals with: the field and function of economic geography, distribution of population, the earth, land forms, influence of soils, temperature, winds and ocean currents, climates of the world. Much of the course will deal with the more important commodities of the world's trade—their production, export and import in the various countries of the world. Stress will be laid on the chief sources of raw materials, their industrial uses and the marketing and transportation problems connected therewith. Particular stress will be placed on critical and strategic materials, their availability and substitutes, if any. First or second semester. Three semester hours credit. Wednesday evenings, 7:00 p. m. Dr. M. L. Stokes

OR

ECONOMICS

E-16. Principles of Economics. A course dealing with the principles underlying the operation of the economic system. A study of pro-

duction, value, distribution and consumption. The course is based partly on lectures and partly on a discussion of problems. The course is required of all majors in Social Science and Business Administration. Throughout the year. Students may take either or both semesters. Three semester hours credit. Wednesday evenings, 7:00 p. m.

Dr. M. L. Stokes

E-73. Economics of War. The course aims to acquaint students with the various economic problems created by war, the effect of war on the national and international economy. The course will deal in particular with: economic causes of war; economic objectives of war; problems of war production; war labor problems; financing the war effort—both public finance and business finance; the price problem; fiscal control, credit control and general price ceiling; control over demand; the supply of strategic materials; war time management of the monetary and banking system; war time foreign trade control; transportation in war time; consumers in war time; economic warfare; post war international economics. First or second semesters. Three semester hours credit. Wednesday evenings, 7:00 p. m.

Dr. M. L. Stokes

ENGLISH

E-16. English Composition.—This course is required of all students proceeding to a college degree. Throughout the year. Three semester hours credit. Thursday evenings, 7:00 p. m.

Dr. George G. Struble

OR

E-526. American Literature. This course will deal with American Literature from the beginnings to the present day. Throughout the year. Three semester hours credit. Thursday evenings, 7:00 p. m.

Dr. George G. Struble

E-26. Survey of English Literature. This course is required of all students proceeding to a college degree. Throughout the year. Three semester hours credit. Tuesday evenings, 7:00 p. m.

Dr. P. A. W. Wallace

OR

E-63. Shakespeare. A brief survey of the drama from ancient Greece to Elizabethan England, followed by a study of Shakespeare's principal comedies, histories and tragedies. Throughout the year. Three semester hours credit. Tuesday evenings, 7:00 p. m.

Dr. P. A. W. Wallace

HISTORY

E-36. The History of England and the British Empire. This course deals with the development of England and the Empire from the earliest times to the present. Throughout the year. Three semester hours credit. Tuesday evenings, 7:00 p. m.

Professor F. K. Miller

OR

E-213. The Renaissance and the Reformation. A study of the political, economic, cultural and social changes that occurred from the 13th to the 16th centuries. One semester. Three semester hours credit. Tuesday evenings, 7:00 p. m.

Professor F. K. Miller

E-223. The French Revolution and Napoleon. A survey of the conditions in the 17th and 18th centuries which led to the outbreak of the Revolution; the events of the Revolution itself, and the effect of the Revolution upon the rest of Europe. The career of Napoleon and the results of his work. One semester. Three semester hours credit. Tuesday evenings, 7:00 p. m.

Professor F. K. Miller

MATHEMATICS

E-13. Advanced Algebra. Covering ratio and proportion; variation; progressions; binomial theorem; theorem of undetermined coefficients;

logarithms; permutations and combinations; theory of equations; partial fractions, etc. First semester. Three semester hours credit. Wednesday evenings, 7:00 p. m. Dr. Amos H. Black

E-23. Plane Trigonometry. Definitions of trigonometric functions; right and oblique triangles; computation of distances and heights; development of trigonometric formulae. Second semester. Three semester hours credit. Wednesday evenings, 7:00 p. m. Dr. Amos H. Black

OR

E-36. Analytic Geometry. The equations of the straight line, circle, ellipse, parabola and hyperbola are studied. Numerous examples are solved, and as much of the higher plane curves and of the geometry of space is covered as time will permit. Throughout the year. Three semester hours credit. Wednesday evenings, 7:00 p. m. Dr. Amos H. Black

OR

E-103. Elementary Statistics. General introduction to the use of statistics; method of collection of statistical data, tabulation and graphic presentation; statistical tables, simple curves, semi-logarithmic or ratio charts, various types of charts; ratios and percentages; the frequency of distribution; averages; dispersion and skewness; fitting curves; time series; fundamentals in index number construction; correlation. This course will be offered strictly from the mathematical viewpoint. If there is a sufficient demand the course will be followed by a course in applied statistics—Business Statistics, offered by the Economics Department of the college, the second semester. First semester. Three semester hours credit. Wednesday evenings, 7:00 p. m. Dr. Amos Black

POLITICAL SCIENCE

E-16. Principles and Policies of American Government. Throughout the year. Three semester hours credit. Thursday evenings, 7:00 p. m. Dr. H. H. Shenk

PSYCHOLOGY

E-53. Applied Psychology. A survey of the applications of Psychology to the various fields of human relations. It includes such topics as: increase of efficiency, effect of suggestion, improvement of personality, advertising, and the psychology of the public platform. First semester. Three semester hours credit. Monday evenings, 7:00 p. m. Dr. L. G. Bailey

OR

E-13. General Psychology. This course aims to acquaint the student with the psychological standpoint and with the fundamental psychological principles. It includes a study of such topics as native tendencies, acquired tendencies, emotions, imagination, memory, and reasoning. Lectures, discussions. First semester. Three semester hours credit. Monday evenings, 7:00 p. m. Dr. L. G. Bailey

E-93. Abnormal Psychology. An introduction to the study of abnormal behavior, including such topics as hysteria, multiple personality, hypnotism, analysis of nervous and mental maladjustments, and a study of psychological processes as they occur in the more marked forms of derangement. Prerequisite: General Psychology. Second semester. Three semester hours credit. Monday evenings, 7:00 p. m.

OR

E-63. Mental Hygiene. A study of wholesome effective personality adjustments, including the causes and treatment of the more common and emotional maladjustments among college students. Prerequisite: General Psychology. Second semester. Three semester hours credit. Monday evenings, 7:00 p. m. Dr. L. G. Bailey

MIDDLETOWN EXTENSION COURSES

Middletown High School

Registration for extension courses in Middletown will be held in the High School in Middletown on Monday and Tuesday evenings, September 21st and September 22nd from 7:00 to 9:00 p. m.

Students interested in extension classes may consult with the director and extension teachers at the times indicated relative to the courses desired.

Any course listed in the Bulletin as being offered in Harrisburg or Annville, with the exception of laboratory work in the Science courses, will be given in Middletown, provided there is a sufficient demand for the course.

While working in the defense industries and other occupations it is possible to secure College courses and to proceed toward a College degree.

To aid more directly in the defense industries courses may be offered in: Accounting, Chemistry, Mathematics, Physics and Statistics.

The time any course will be offered will be arranged at the time of registration.

SATURDAY AND EVENING CLASSES

1942-1943

Administration Building, Annville, Pa.

Classes will be organized Friday, September 18th, 7:00 p. m.

<i>Course</i>	<i>Room No.</i>	<i>Professor</i>
Bible 14	20	Dr. G. A. Richie
Biology 18	23	Dr. V. Earl Light
Biology 28	22	Dr. S. H. Derickson
Business Administration	18	Dr. M. L. Stokes
Chemistry 18, 28	9	Dr. Andrew Bender
Economics	18	Dr. M. L. Stokes
Education	Philo Hall	Dr. Clyde S. Stine
English	16	Dr. Wallace and Dr. Struble
French	15	Mary C. Green
German	13	Dr. Lena L. Lietzau
History	18	Professor F. K. Miller
Latin	Dean's Office	Dr. A. H. M. Stonecipher
Mathematics	17	Dr. Amos Black and Dr. S. O. Grimm
Music 553	Conservatory	Mary E. Gillespie
Philosophy 02, 32	5	Dr. P. O. Shettel
Physics 18	17	Dr. Jermain D. Porter
Psychology	27	Dr. L. G. Bailev
Sociology	5	Dr. H. H. Shenk
Spanish	29	Dr. Stella J. Stevenson

DESCRIPTION OF COURSES OFFERED IN ANNVILLE

The following courses will be offered by the college at Annville during the college year 1942-1943. The Science courses offer four semester hours credit—two hours credit for the lecture work and two hours credit for the laboratory work per semester. The lecture work and the laboratory work are offered on different evenings. If the classes so desire the laboratory work may be offered Saturday mornings. Residence credit is given for all courses taken at the college.

The time for the weekly meetings of each class will be arranged

at the time classes are organized. Organization of classes will take place Friday, September 18th, at 7:00 p. m.

Most of the courses are offered Friday evenings, and are offered at such times as to enable students to take two courses. Should a class so desire a course may be offered on Saturday mornings.

BIBLE

14. Introduction to English Bible.—An appreciative and historical survey of the literature of the Old and New Testaments. This is a required course for all students proceeding to a degree. Throughout the year. Two semester hours credit. Dr. G. A. Richie

82. The Teaching of Jesus. This course attempts an intensive study of the religious concepts of Jesus as set forth in the Gospels. This course is a required course for all students proceeding to a degree. Second semester. Two semester hours credit. Dr. P. O. Shettel

BIOLOGY

18. General Biology.—This course fulfills the science requirements of students proceeding toward a degree excepting those majoring in science in which case additional science courses are required. In addition to two hours of lectures per week, four hours work per week in the laboratory is required. The lectures will be held on Tuesday evenings and the laboratory work will be held on Wednesday evenings. Credit will be granted to those students who wish only the lecture work and not the laboratory work. Throughout the year. Four semester hours credit. Dr. V. Earl Light

28. Botany. The object of the course is to give the student a general knowledge of the plant kingdom. One or more types of each of the classes of algae, fungae, liverworts, mosses, ferns, and seed plants are studied.

Special attention is given to the phylogeny and ontogeny of the several groups, and constant comparisons are made of those structures indicating relationships. The principles of classification are learned by the identification of about one hundred and fifty species of plants represented in the local spring flora. These studies are conducted in the field so that the plants are seen as dynamic forces adapted to their environment. Throughout the year. Four semester hours credit. Dr. S. H. Derickson

BUSINESS ADMINISTRATION

14. Economic Geography. (See description on page 5). Three semester hours credit. First semester.

OR

153. Investments. The course deals with the development and place of investment in the field of business and its relation to other economic, legal and social institutions. The principles of investments are presented along with a description of investment machinery. An analysis is made of the various classes of investment. Three semester hours credit. First semester.

73. Marketing. A study is made of the methods and policies of the marketing of agriculture products and the merchandising of manufactured commodities. The following topics are dealt with in particular: meaning and importance of marketing; distribution; marketing functions; trade channels; development of marketing methods; co-operative marketing; price policies; trade information; market analysis; marketing costs; an analysis of the merits and defects of the existing distributive organization. Three semester hours credit. Second semester.

36. Accounting. If a sufficient number demand a course in Accounting this may be offered in place of any of the above.

CHEMISTRY

18. General Inorganic Chemistry. A systematic study of the fundamentals of Chemistry. The rapid increase in knowledge of the material

world in which we live and particularly the new knowledge of the constitution and structure of matter demands a popular approach to Chemistry. While this procedure is followed in the course, the aim is to lay a firm foundation for those who will pursue the subject matter further. The time for lectures and for the laboratory work will be arranged when the class is organized. Throughout the year. Four semester hours credit.

Dr. Andrew Bender

OR

48. Organic Chemistry. The course includes a study of the sources, classification and type reactions of organic materials. It includes foodstuffs and their relation to nutrition, dyes, pharmaceuticals, explosives, coal tar intermediates and manufacturing processes.

The laboratory work consists of about sixty experiments covering the preparation and study of a wide range of representative compounds. Prerequisite Chemistry 18. Laboratory fee is \$24.00. The time for lectures and for the laboratory work will be arranged when the class is organized. Throughout the year. Four semester hours credit.

Dr. Andrew Bender

98. Analytical Chemistry. A course in Analytical Chemistry will be offered if there is a sufficient demand for it. The course offers eight semester hours credit.

Dr. Andrew Bender

ECONOMICS

16. Economic Theory. A course dealing with the principles of economics. Throughout the year. The course may be taken either semester or both semesters. Three semester hours credit. Dr. M. L. Stokes

OR

33. Money and Banking. This course deals with: the nature and functions of money; monetary standards and systems; monetary development in the United States; the national banking system; the structure and functions of the Federal Reserve System; commercial banking; credit and its uses; credit control; monetary policy and the business cycle; central banks; investment banking; savings banks; consumptive credit institutions; agricultural credit. Either semester. Three semester hours credit.

Dr. M. L. Stokes

EDUCATION

202 or 203. Visual Education.—The psychology of visual and sensory aids to learning and their administration will be studied. Special attention will be given to the sources and types of visual aids which are within the means of the ordinary school system and classroom teacher. Lectures, readings, reports, demonstrations and individual projects. The State course will be followed. Laboratory fee, \$4.00. First semester. Two or three semester hours credit. Dr. Clyde S. Stine

13. History of Education. An analysis of the history of education from the time of early Greek education to the present day. Special attention will be given to the aims, content, organization, and results of the educational systems of various countries, as well as to the great leaders of educational thought. Three semester hours credit. Second semester.

Dr. Clyde S. Stine

OR

82. Educational Measurements.—A critical analysis of the problems in measuring the results of teaching. A study of the uses and administration of representative tests and scales for junior and senior high school subjects. Second semester. Two semester hours credit.

Dr. Clyde S. Stine

NOTE: If there should be a sufficient demand any other standard course in the Secondary Educational field may be offered in place of or in addition to History of Education or Educational Measurements.

ENGLISH

63. Shakespeare. A brief survey of the drama from ancient

Greece to Elizabethan England, followed by a study of Shakespeare's principal comedies, histories and tragedies. Throughout the year. Three semester hours credit.

Dr. P. A. W. Wallace

522. American Literature. From the beginnings to the present day. First semester. Three semester hours credit.

Dr. George G. Struble

152. History of the English Language. Historical study of English sounds, reflections and vocabulary. Standards of correctness, current usage. Recommended especially for prospective teachers of English. Second semester. Three semester hours credit.

Dr. George G. Struble

OR

132. Contemporary Drama. A survey of American and British Drama since 1890. Three semester hours credit. Either semester.

Dr. George G. Struble

FRENCH

06. Elementary French.—This course is intended for those who begin French in College. Its aim is to enable the student to write simple French sentences, to carry on a conversation in easy French, and to read French of ordinary difficulty. College credit of six semester hours will be granted for this course, if followed by French 16, but it cannot be counted toward a major. The course is given throughout the year.

Mary C. Green

OR

16. First Year College French.—This is a continuation and extension of course 06, and includes further drill in the principles of grammar, practice in conversation, composition, and dictation, and more extensive reading. This course is given throughout the year. Three hours credit per semester.

Mary C. Green

GERMAN

06. Elementary German. Intended to give students a reading knowledge of German of average difficulty, and to enable them to understand the spoken language and to express simple ideas idiomatically. College credit of six semester hours will be granted for this course only if followed by German 16. The course is given throughout the year.

Dr. Lena L. Lietzau

OR

16. "Kulturkunde."—The making of Modern Germany, its geography, its institutions, its social and artistic life, illustrated by maps, pictures and readings from contemporary literature. This course is not only a preparation for the study of German literature but is intended also for those who wish to use German as a tool for advanced work in science and other fields. Throughout the year. Three semester hours credit.

Dr. Lena Lietzau

If there should be a sufficient demand any other course in German listed in the College Bulletin may be given in place of the above.

HISTORY

63. Economic History of the United States. A study of the background of American History including the growth of American Agricultural and Industrial Interests from Colonial beginnings to the present day development. One semester. Three semester hours credit.

Professor F. K. Miller

163. Economic History of Europe. The course deals with the economic achievements in Europe from preliterary times to the present; economic life in the Mediterranean Basin in Classical times; the foundations of economic life in the Middle Ages; the Manorial system and agrarian society; the towns, trade, and industry in the Middle Ages; the expansion of Europe and the age of discovery; the Industrial Rev-

olution and the beginnings of modern industry and agriculture; Capitalism and commercial policies in the early modern period; revolution in power, transportation and communication; economic imperialism and the World War; the post-war world. One semester. Three semester hours credit.
Professor F. K. Miller

OR

23-A. Europe From 1815 to 1914. A survey of Nineteenth Century Europe. This course will be followed by History 23-B. First semester. Three semester hours credit. Professor F. K. Miller

23-B. Europe From 1914 to the Present. A study of the World War and post-war problems. Emphasis will be placed upon current history. Second semester. Three semester hours credit.

Professor F. K. Miller

LATIN

Any course listed in the College Bulletin for which there is a sufficient demand will be offered. Three semester hours credit per semester.
Dr. A. H. M. Stonecipher

MATHEMATICS

13. Advanced Algebra. Covering ratio and proportion, variation, progressions, binomial theorem, theorem of undetermined coefficients, logarithms, permutations and combinations, theory of equations, partial fractions, etc. First semester. Three semester hours credit.

Dr. Amos H. Black

23. Plane Trigonometry. Definitions of trigonometric functions, right and oblique triangles, computation of distances and heights, development of trigonometric formulae. Second semester. Three semester hours credit.

Dr. Amos H. Black

OR

36. Analytic Geometry. The equations of the straight line, circle, ellipse, parabola and hyperbola are studied. Numerous examples are solved, and as much of the higher plane curves and of the geometry of space is covered as time will permit. Throughout the year. Three semester hours credit.

Dr. Amos H. Black

OR

74. Differential Equations. A course in the elements of differential equations. Throughout the year. Two semester hours credit.

Dr. Amos H. Black

113. Introduction to the Mathematics of Finance. This course takes up the solution of the quadratic equation, logarithms, progressions, permutations and combinations, and the application of these to financial problems. First semester. Three semester hours credit.

Dr. S. O. Grimm

123. Mathematics of Finance.—The course seeks to present the mathematical principles and operations used in financial work. A detailed study of compound interest, compound discount, and annuities is undertaken. Application of these principles is then made to practical problems of amortization, sinking funds, depreciation, valuation of bonds, and building and loan associations. Second semester. Three semester hours credit.

Dr. S. O. Grimm

MUSIC

553. Music History and Appreciation. In this course the developments of music are treated briefly, with emphasis placed on the growth of musical movements on the lives, works and influence of the great composers. An integral part of the course will be listening to representative music of the different periods of musical history, and of the important composers. First semester. Three semester hours credit.

Mary E. Gillespie

PHILOSOPHY

32. Ethics.—The aim of this course is to acquaint the student with

the academic ethical problems, and to effect an awakening and a strengthening of the moral sense. This is a required course for all students proceeding to a degree. First semester. Two semester hours credit. Dr. Paul O. Shettel

02. Introduction to Philosophy.—The course is intended to introduce beginners to the basic problems and theories of philosophy and quicken them to appreciation of the role played by philosophy in the whole movement of civilization, while at the same time giving them at least an inkling of the work of the greatest thinkers and arousing in them a desire to go to the sources. Either semester. Two semester hours credit. Dr. Paul O. Shettel

OR

PHILOSOPHY

23-A. Ancient and Medieval Philosophy. In this course the aim will be (1) to trace the development of philosophy, pointing out what of permanent value each system as it arose contributed toward a final solution of the nature of being, and (2) to show the interaction between philosophic thought and the practical life of the period during which it flourished. First semester. Three semester hours credit. Dr. P. O. Shettel

23-B. Modern Philosophy. A continuation of 23-A. Second semester. Three semester hours credit. Dr. P. O. Shettel

PHYSICS

16. General College Physics. The course will be a thorough investigation of the fundamental principles of Physical Science. Lectures and laboratory work. Throughout the year. Three semester hours credit. Dr. Jermain D. Porter

12. General Physics Laboratory. Laboratory work associated with the subject matter of Physics 16. This course should accompany Physics 16. One semester hour credit. Dr. Jermain D. Porter

PSYCHOLOGY

53. Applied Psychology. A survey of the applications of Psychology to the various fields of human relations. It includes such topics as: increase in efficiency, effect of suggestions, improvement of personality, advertising, and the psychology of the public platform. First semester. Three semester hours credit. Dr. L. G. Bailey

OR

13. General Psychology. This course aims to acquaint the student with the psychological standpoint and with the fundamental psychological principles. It includes a study of such topics as native tendencies, acquired tendencies, emotions, imagination, memory, and reasoning. Lectures, discussions. First semester. Three semester hours credit. Dr. L. G. Bailey

93. Abnormal Psychology. An introduction to the study of abnormal behavior, including such topics as hysteria, multiple personality, hypnotism, analysis of nervous and mental maladjustments, and a study of psychological processes as they occur in the more marked forms of derangement. Prerequisite: General Psychology. Second semester. Three semester hours credit. Dr. L. G. Bailey

OR

63. Mental Hygiene. A study of wholesome effective personality adjustments, including the causes and treatment of the more common and emotional maladjustments among college students. Pre-requisite: General Psychology. Second semester. Three semester hours credit. Dr. L. G. Bailey

SOCIOLOGY

16. Principles of Sociology. Throughout the year. Students may enter either semester. Three semester hours credit. Dr. H. H. Shenk

SPANISH

06. Elementary Spanish. This course is intended for those who begin Spanish in college. Its aim is to enable students to write simple Spanish sentences, to carry on a conversation in easy Spanish, and to read Spanish of ordinary difficulty. College credit of six semester hours will be granted for this course if followed by Spanish 16.

Dr. Stella J. Stevenson

OR

16. First Year College Spanish. This is a continuation and extension of course 06 and includes further drill in the principles of grammar, practice in conversation, composition, and dictation, and more extensive reading. For entrance to Spanish 16, the preparatory course 06 or its equivalent (two years of high-school Spanish) will be required. Throughout the year. Three semester hours credit.

Dr. Stella J. Stevenson

OR

26. Spanish Literature of the Nineteenth Century. Novels and plays will be studied and discussed in class or reported upon. Composition and conversation. Throughout the year. Three semester hours credit.

Dr. Stella J. Stevenson

STATISTICS

103. Elementary Statistics. General introduction to the use of statistics; method of collection, tabulation and graphic presentation; analysis and interpretation; charts; averages, dispersion and skewness; correlation; application to the study of business cycles, population, and other problems. Required course for all majors in Business Administration and Economics. The course is a particularly valuable course for those preparing for Civil Service Examinations. This is strictly a first course in statistics. Either semester. Three semester hours credit.

Dr. Amos Black

ASTRONOMY

13. General Astronomy. A course in descriptive astronomy. Reports on assigned readings. Important constellations and star groups are studied.

A fine four-and-a-half inch achromatic telescope adds to the interest of the subject. One semester. Three semester hours credit.

Dr. S. O. Grimm.

In accordance with the wishes of the War Department, Lebanon Valley College, along with other colleges and universities throughout the country, has accelerated its program of studies. The purpose of this academic speed-up is, on the one hand, to enable young men to complete their college education before being called to military service, and, on the other, to enable those who have already been accepted by the Army or Navy for the Enlisted Reserve Corps to complete their education in the shortest possible time.

The accelerated program has been accomplished, not by the elimination of standard courses, but by lengthening the summer sessions and increasing the Evening School and Extension classes. It is now possible for students in regular attendance at the College to complete the work required for the baccalaureate degree in three years instead of the traditional four. Extension students may, by taking advantage of the increased number of evening classes offered during both the winter and the summer, materially shorten the time hitherto required for attainment of the bachelor's degree.

If you wish to learn how the accelerated program may be adapted to your individual needs, write to Dr. M. L. Stokes, Director of Extension and Summer School, Lebanon Valley College.

