

Summer Session

**BULLETIN OF THE
UNIVERSITY OF
KENTUCKY**

THE SUMMER SESSION
June 17-July 28, 1918

**Courses of Study, Schedule
and Information**

**For Information Address Registrar,
University, Lexington, Ky.**

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UNIVERSITY CALENDAR

1918

September 11, 12, 13, 14	Wed. Thurs. Fri. Sat.	Examinations for entrance.
September 11, 12, 13, 14	Wed. Thurs. Fri. Sat.	Examinations to remove conditions.
September 16, 17	Mon. Tues, to 4 P. M.	Registration for 1st semester.
September 18	Wednesday	Instruction begins.
November 28	Thursday	Thanksgiving holiday.
December 1	Friday	Annual debate, Union and Patterson Literary Societies.
December 20 to January 7, 1919	Friday noon to Tues.	Christmas holidays.

1919

January 18 to 25	Saturday to Saturday	Mid-year examinations.
February 3 and 4	Mon. & Tue. to 4 P. M.	Registration for second semester.
February 5	Wednesday	Instruction resumed.
February 22	Saturday	Washington's Birthday.

Commencement Week

June 8	Sunday	Baccalaureate Sermon.
June 9	Monday	Board of Trustees meets.
June 10	Tuesday	Class Day.
June 10	Tuesday	Alumni Banquet.
June 11	Wednesday	Fifty-second Annual Commencement.

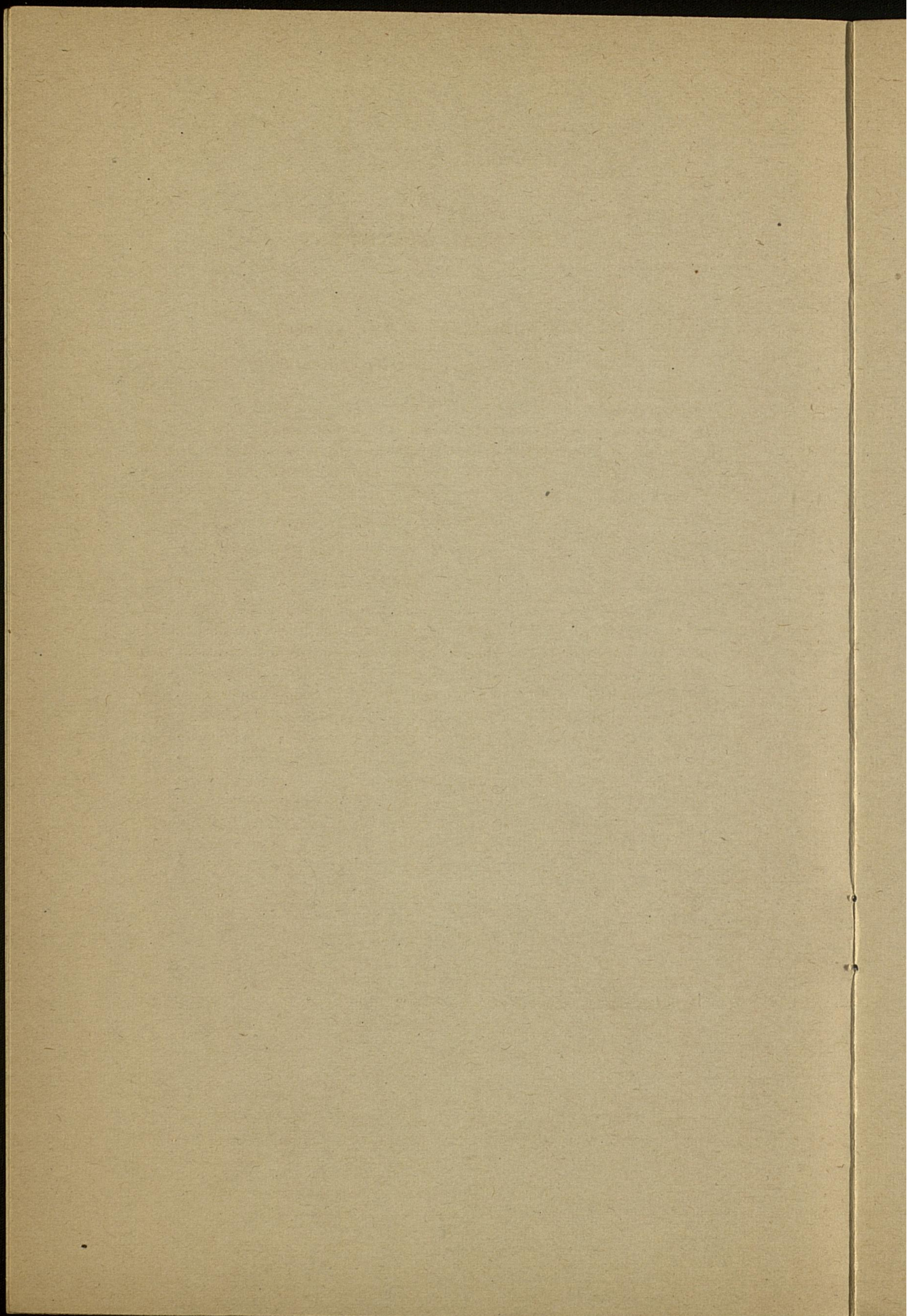
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GENERAL STATEMENT

THE PURPOSES OF THE SCHOOL.

The Summer School of the University of Kentucky will be in session June 17 to July 28, a period of six weeks. The work of the summer session is designed for teachers, students and persons seeking information and training. With the instruction are to be given a number of special features during the six weeks of the session. From the program of studies it will be possible to make up plans of work suitable for teachers and workers in many fields. The entire plant of the University is available for use, including laboratories, libraries and buildings.

VIEW POINT

The University of Kentucky has entered upon a new era under the leadership of President Frank L. McVey. It is his ambition to place this institution in the front rank of state universities. His record of achievements as President of the University of North Dakota and the work which he has already accomplished here warrant the belief that Kentucky will not long lag behind her sister states in the work of her State University.

The University cannot accomplish its purpose without the cooperation of an efficient public school system. The public schools cannot do their most efficient work without professionally trained teachers. The multiplication and standardization of the high schools, together with the conditions resulting from the war, has produced an unprecedented demand for professionally trained teachers.

LOCATION

Lexington, called the capital of the Blue Grass, is a beautiful little city and a delightful place to spend the summer. It is accessible from all parts of the State, and may be reached over the following roads: Queen and Crescent, Southern, L. & N., C. & O., L. & E., now under the management of the L. & N. Railroad.

ADVANTAGES

In addition to the regular work for teachers in the courses outlined in this bulletin, a number of popular and scientific lectures will be given free of charge during the summer session. President Frank L. McVey will deliver lectures of special interest to teachers.

Members of the faculty will give popular lectures in their special fields. Professor Peter C. Dykema of the University of Wisconsin will conduct Community Singing and lecture on Music and the Dramatic Instinct. Judge E. M. Rucker of the University of South Carolina will lecture on Domestic Relations. The Redpath Chautauqua will be held during the summer session and the entertainments so arranged that the teachers can take advantage of the lectures at reduced rates. The city library as well as the University library will be open and free to students.

ADMISSION

No entrance examination is required for admission to any of the courses, but instructors must be consulted concerning prerequisite preparation in some courses.

CREDIT IN THE SUMMER SESSION

Students who have full entrance credits to the University will be given credit toward degrees for college work in the summer school.

Four semester credits will be given for one double course consisting of two hours a day for the session. Two semester credits will be given for a single course (one hour a day for the session.)

No student will be allowed to make more than six semester credits in the summer school.

AGRICULTURAL AND VOCATIONAL EDUCATION

Exceptional advantages will be offered in the summer school to students who are qualifying to teach Agricultural and Vocational Education under the provisions of the Smith-Hughes Bill. Professor McNeal C. James will offer courses in Agricultural Education and in Educational Psychology which will especially fit students for the organization and presentation of vocational work in the high schools of the State.

GRADUATE WORK

Graduate work will be offered by special arrangement with the heads of departments and the Chairman of the Graduate Committee.

DORMITORIES AND BOARDING

Patterson Hall will be open for women. Rates \$5.00 per week. Rooms may be had in the men's dormitories at a small fee. There are several good boarding houses convenient to the University where board may be had at from \$4.00 to \$5.00 per week.

COURSES AND FEES

The work in the summer school is given in Double and Single Courses. A Double Course means that the subject is taken two hours a day throughout the session. A Single Course is taken one hour a day for the full session. The fees are as follows:

Single Course.....	\$ 5.00
Double Course.....	7.50
One Double and One Single Course.....	10.00
Three Single Courses.....	10.00

INFORMATION.

Inquiries regarding the summer session should be addressed to the Registrar of the University, Lexington, Kentucky.

SPECIAL FEATURES

First Week

Community Singing. Conducted by Professor Peter W. Dykema (M. L. Michigan, Professor of Music, University of Wisconsin.)

Monday, June 17—3:30 P. M.—Community Singing.

Tuesday, June 18—3:30 P. M.—Community Singing.

Tuesday, June 18—4:00 P. M.—Lecture on Music.

Wednesday, June 19—3:30 P. M.—Community Singing.

Wednesday, June 19—4:00 P. M.—Lecture on Music.

Thursday, June 20—3:30 P. M.—Community Singing.

Thursday, June 20—4:00 P. M.—Lecture on Dramatic Instinct.

Friday, June 21—3:30 P. M.—Community Singing.

Friday, June 21—4:00 P. M.—Lecture on Dramatic Instinct.

Second Week.

Lectures. Given by Dr. Frank L. McVey, President University of Kentucky.

Four lectures on the World War:

Monday, June 24 to Friday, June 28—4 P. M.

Third Week.

Lectures. Given by E. Marion Rucker (A. B. LL. B., United States Assistant Attorney, Washington, D. C., 1893-1897. Member South Carolina General Assembly, 1899-1910. Chairman Ways and Means and Appropriation Committee of the South Carolina House of Representatives, 1908-1910. Professor of Law, University of South Carolina, 1910. Special Lecturer of Winthrop College, the South Carolina Normal College, the North Carolina State Normal College and the University of Georgia.)

Law of Domestic Relations—

Monday, July 1—4:00 P. M.—Marriage, Its Legal Aspects.

Tuesday, July 2—4:00 P. M.—Husband and Wife, Their Relative Duties.

Wednesday, July 3—4:00 P. M.—Parent and Child; Their Duties and Obligations.

Thursday, July 4—4:00 P. M.—Minority as a Defense.

Friday, July 5—4:00 P. M.—The Legal Status of Woman.

Fourth Week**Round Tables on Educational Subjects—**

Monday, July 8, to Friday, July 12—4:00 P. M.

Round tables on educational subjects will be held each day of this week for the purpose of a better understanding of the Kentucky secondary problems in education, with the hope that they may be made the easier of solution through the experience and counsel of workers in the field. Professor McHenry Rhoads, State High School Inspector and Supervisor of Secondary Education, will be with us for the entire week and will conduct the Round Tables. Other members of the faculty will be present and take part in the discussion.

Fifth Week

The Elsie Herndon Kearns Players in a series of Shakespeare and Moliere. To be given on the University campus, July 15-16.

Monday evening—8:15—Romeo and Juliet.

Tuesday matinee—3:00—The Learned Ladies.

Tuesday evening—8:15—The Tempest.

This great dramatic company is headed by Elsie Herndon Kearns, who played several years with the Ben Greet Players and has an international reputation as a Shakespearean actress. George Somnes, who takes the leading male roles, is well known throughout this country for his fine interpretations of Shakespearean characters. The teachers and students of the summer school, as well as the citizens of Lexington and the surrounding Blue Grass country, will have the rare opportunity of seeing this fine company of Shakespearean actors. Admission will be reasonable.

COURSES OF STUDY

CHEMISTRY

Dr. Tuttle

3. **Inorganic Preparations.** A practical laboratory course devoted to the preparation of inorganic compounds from the crude material. Prerequisite, one-half year's work in General Chemistry.
4. **Qualitative Analysis.** Laboratory work accompanied by recitation periods. Prerequisite, one year's work in General Chemistry.
8. **Quantitative Analysis.** A laboratory course accompanied by lectures and class-room exercises. Gravimetric and volumetric methods of analysis are studied in detail. Prerequisite, Chemistry 4.
9. **Quantitative Analysis.** A lecture and laboratory course devoted to the analysis of ores, alloys, etc. Prerequisite, Chemistry 8.
10. **Quantitative Analysis.** A laboratory course accompanied by lectures and class-room exercises arranged for students in Mining and Metallurgy. Prerequisite, one year's work in General Chemistry.
11. **Agricultural Analysis.** An introductory course in quantitative analysis arranged for the students in the course in agriculture. The elements of quantitative analysis are studied with special reference to the constituents of soil, fertilizers and agricultural products. Prerequisite, one year's work in General Chemistry.
12. **Advanced Agricultural Analysis.** A laboratory course having for its object the complete analysis of fertilizers, feeds, soils and agricultural products. Prerequisite, Chemistry 8 or 11.
14. **Advanced Quantitative Analysis.** The analysis of iron and steel, slags and rocks. Prerequisite, Chemistry 9.
30. A laboratory study devoted to work in poisonous gases, explosives or some other phase of chemistry closely allied to war activities.

EDUCATION

Professor Noe, Professor Tigert, Professor James, Associate Professor Baker

- 1s. **Principles of Education.** A brief course in the Psychological principles of education, including education as a factor of organic evolution; heredity and education; from fundamental to accessory in education; conditions of individual development; recapitulation; correlation between mind and body; work, fatigue, hy-

giene; the nature of the memory process; imitation in education; educational agencies; formal discipline. Double course.

2s. **Method in Education.** This course is a discussion of value, discipline and method. The chief high school subjects will receive attention. Illustrations of presentation will be given through the actual teaching of several high school subjects during the session. Double course.

3s. **Problems in City School Administration.** Includes a study of city surveys, city superintendents' annual reports, finances, age-grade distribution, standard units of measurement, and principles of constructive supervision. Lectures, class discussions, reports and assigned readings. Double course.

4s. **History of Education. General Course.** Particular reference to the Seventeenth, Eighteenth and Nineteenth Century theorists, with emphasis on Milton, Locke, Rousseau and Montessori. Lectures, class discussions, reports and assigned readings. Lecture will be illustrated with lantern slides. Double course.

5s. **Experimental Psychology.** A laboratory course designed to follow and apply in a practical and complete manner the introductory course in psychological theory. The introductory course is prerequisite. Double course.

6s. **Mental Tests and Measurements.** A course in clinical psychology and standard tests of the common school subjects. Practice is given in administering intelligence tests. Special attention is given to the Stanford revision of the Binet-Simon Scale, which is now being widely used in psychological clinics and scoring of tests and scales in reading, writing, arithmetic, grammar, composition, etc. This course will enable teachers to diagnose more accurately the mental power and processes of children. Double course.

7s. **Agricultural Education.** This course will deal with the organization and teaching of agricultural courses in the Kentucky high schools. It is designed for those who have had courses in the fundamentals of Agriculture in some Agricultural College. Double course.

8s. **Educational Psychology.** The laws of mental development, structure and function. Special attention to the laws of memory, habit, attention and their application to education. Double course.

ENGLISH

Professors Dantzler and Farquhar and Miss King

1s. **English Composition.** The object of this course is to give training in the writing of correct and clear English. Accuracy of expression is desired rather than proficiency of style. A text book will be used, but the instruction will also be based upon the study of representative English masterpieces. Students who take this

course will be given credit for English 1 of the University curriculum. Double course.

2s. **The Teaching of English Composition.** This course is designed for teachers who wish to study the aims and methods of teaching composition in the high school. It includes practice in the writing and correction of themes. University credit will be given for this work. Single course.

4s. **General Survey of English Literature.** This course is intended to give the student a general survey of English literature. Selections from representative authors will be studied. Collateral reading and frequent summaries will be required. University credit will be given. Double course.

6s. **Shakespeare.** In this course a study will be made of Shakespeare's development as a dramatist. A number of plays will be studied in detail from the standpoint of dramatic structure and characterization. Attention will also be given to the method of treating Shakespeare in the high school. Students are advised to bring a copy of Shakespeare with them. The Oxford edition is recommended. Double course.

8s. **The Contemporary Drama.** In this course a study will be made of recent movements in the drama of England and Europe. University credit will be given. Double course.

9s. **Library Methods for Teachers.** This course aims to qualify high school teachers to take charge of high school libraries, and to prepare them to give instruction to high school students in the use of books and libraries. Single course.

HISTORY AND POLITICAL ECONOMY

Professor Tuthill

History 5b. History of the United States since 1850. The topics to be treated are: The compromise of 1850, the preliminary controversies leading up to the war between the sections, constructive legislation during the struggle, the westward movement, expansion, and the great war. Double course.

Political Economy 1a. Introduction to Economics, including production and exchange, with some attention to the effects of governmental interference with the laws of supply and demand, and the growth of socialism under the influence of the great war. Single course.

Sociology 1. **Urban Sociology.** The care of the poorer classes, defectives and delinquents; management and expenditures of city and State institutions; relation of private to public institutions; relief work in emergencies of recent years; excursions to typical institutions. Single course.

HOME ECONOMICS

Professor Sweeney and Others

1s. **Food and Fuel Conservation.** A course dealing with the need of creation of United States Food Administration, its plans and purposes; the world food situation; methods of meeting the need for conservation of food and fuel. Definite, practical principles will be presented for conserving. Lectures and laboratory, one hour per day. Single course.

2s. **Canning of Fruits and Vegetables.** Popular course in canning teaching practical methods for canning foods. Lectures and laboratory for half the session. Single course.

3s. **Practical Dietetics.** A group of lectures dealing with need of the body for foods, the value of ordinary articles in the diet, balanced meals, choice in war time of nourishing foods. Offered for half the session. Single course.

4s. **Made-Over Garments.** A course dealing with the renovation and making over of garments and millinery. Planned to meet the need for conservation of textiles. Laboratory 8 hours per week for six weeks. Single course.

15s. **Red Cross Sewing and Knitting.** Fundamental hand-sewing machine sewing and knitting. Applications made as far as possible on Red Cross garments. Equivalent to Elementary Clothing, H. E. 15. Laboratory, 12 hours per week for six weeks. Single course.

LATIN

Professor Jones

1s. **First Year Latin.** A thoro drill in declension, conjugation and rules of syntax, special emphasis being put on the subjunctive, conditional sentences, and other difficult points of the work. The text used is Smith's Latin Lessons, and the class will complete the book. Single course.

2s. **Selections from Caesar and Nepos.** The selections from Caesar give the customs of the Britons, Germans and Gauls. The same characteristics that Caesar noted may be observed in the French and Germans of today. The text is Bishop and Jones, beginning at Part II. Single course.

3s. **Selections from Cicero and Sallust.** The historian's account of the conspiracy of Catiline will be compared with that of the orator. Also a few letters of Cicero will be read. The text is Johnston and Kingery's Cicero. Single course.

4s. **Vergil or Ovid,** depending on the requirements of the class. The first, second, fourth and sixth books of Vergil, or selections from the *Metamorphoses* of Ovid is the work to be covered in the course. Due attention will be given to scanning and mythology. Knapp's Vergil, Allen and Greenough's Ovid are the texts. Single course.

5s. **Selections from Livy or Horace**, as the class elects. The texts used are Chase and Stuart's Selections from Horace, Selections from Roman Historical Literature—Scoon, Milroe, Jones. Single course.

MANUAL TRAINING AND MECHANICAL ENGINEERING

Courses for Teachers

Professor Freeman, Asst. Professor Horine, Mr. Dicker, Mr. Thurman

1. **Mechanical Drawing.** Comprises: (a) Free-hand sketches, drawing from copies and models, using parts of machines in the laboratory as models. (b) Free-hand lettering. (c) Tracing. (d) Blue-printing. Double course.

2. **Free-hand Drawing.** Single course.

3. **Descriptive Geometry.** This work includes first the discussion of descriptive geometry as a branch of pure mathematics; later comes a consideration of the application of descriptive geometry principles as an aid to engineering drawing. The lectures and recitations are supplemented by work in the drawing room. Prerequisite, Solid Geometry. Double course.

4. **Bench Work in Wood.** This includes exercises in planing, sawing, rabbeting, plowing, notching, splicing, mortising, tenoning, dove-tailing, framing, paneling, and the general use of carpenter's tools. Double course.

5. **Wood Turning.** This work includes exercises which involve all the various principles of lathe-work in wood. Double course.

6. **Pattern Making.** This is a continuation of Courses 1 and 2, and is intended to give experience in the construction of patterns for use in making iron and brass castings. Double course.

7. **Forge Shop Work.** This course includes a large number of exercises intended to give experience in all the fundamental operations of steel and iron forging. Double course.

8. **Machine Shop Work.** This includes exercises in vise work in metal, such as clipping and filing, and general machine work, including screw cutting, drilling, planing and milling of iron, brass and steel. Double course.

Courses for College Students

9. **Alternating Currents.** This work involves a study of the fundamental laws of alternating currents and the principle and construction of alternating current measuring instruments, generators, motors, transformers and converters. Double course.

10. **Kinematics.** This course is intended to familiarize the student with the mutual dependence of the movements in the parts of a machine. Special attention is given to the analysis of mechanisms involving link-motions, gear teeth, cams, communication of motion by

rolling and sliding contact and quick-return motions. Prerequisites, Mathematics 1, 2, and 3 and Drawing 3. Double course.

11. **Kinematic Design.** This course is given in conjunction with Mechanics of Engineering 3. It consists of eight plates of design of spur, bevel and worm gearing, and other mechanisms which illustrate the general principles discussed in kinematic problems. Double course.

12. **Analytical Mechanics.** This subject is given with a view of encouraging original analysis, logical proofs and rational conclusions with respect to the treatment of the equilibrium and motion of bodies under the action of force. The application of the fundamental principles of mechanics to engineering problems is treated in a way calculated to interest the student in the application of analytical mechanics in his engineering work. Prerequisites, Physics 1b. Mathematics 5b (Integral Calculus) must be completed or taken co-ordinately. Double course.

MATHEMATICS

Professor Boyd, Professor Davis

1s. **Beginning Algebra.** A course designed for those who have never studied the subject, and also for those who have conditions in it. Single course.

2s. **Advanced Algebra.** A second course which will be fitted to the needs of the class desiring it. Pedagogical questions will receive attention. Single course.

3s. **Plane Geometry.** This course will complete as much of the Plane Geometry as possible, and will be based on a new book illustrating the latest ideas in Geometry. Single course.

4s. **Solid Geometry.** A thorough course open to Public School teachers and to those desiring to increase their credits for college entrance and to high school students who have been conditioned in the subject. Single course.

5s. **College Mathematics.** Courses in college subjects will be given in accordance with the demands for them. Double course.

6s. **Teachers' Course.** A course for public school teachers. It will cover both the history and pedagogy of arithmetic, algebra and geometry. Single course.

MODERN LANGUAGES

Professors Zembrod and Melcher

1s. **Elementary German.** Grammar with every reading to acquire vocabulary and illustrate grammatical principles. Composition based on reading. Course will cover essential grammar points. Single course.

2s. **Intermediate German.** Rapid reading of elementary Ger-

man with grammar drill and composition based on text. Selected prose, poetry committed. Single course.

3s. **Composition and Reading.** "Materials for sight translations," conversations and rapid reading of some characteristic work of a modern writer. Single course.

4s. **Advanced Reading and Composition.** Rapid review of grammar in connection with reading and composition based on text. Course especially intended as review for high school teachers. Double course.

5s. **Spanish I.** Elementary Grammar and Reader. Single course.

6s. **Advanced Spanish II.** Grammar and Composition. Prose reading. Double course.

7s. **French I.** Elementary Grammar. Single course.

8s. **French II.** Grammar and Composition. Prose reading. Double course.

PHYSICS

Associate Professor Killebrew

1s. **General Elementary Physics.** Lectures with experimental demonstrations and quizzes on Mechanics and Heat. An introductory course designed for students who wish to become acquainted with the results, methods and spirit of the science, whether they intend to pursue the subject further, or wish an elementary knowledge of Physics only as a matter of general interest. The course also meets the needs of secondary school teachers who wish to review the subject with reference to methods of presentation. Each student is required to perform and report on twenty-five laboratory exercises. (Lectures and recitation five hours, laboratory four hours per week.)

2s. **General Elementary Physics.** This is a parallel course with 1s covering the subjects of Electricity and Magnetism, Light and Sound. (1s is not a prerequisite for 2s. Students may register in either or both of these courses.) Single course.

Courses in Physics 1a, 2a, 1b, 5a, 6a, 5b, 6b (for description see University catalog) will be offered if as many as four students register in any one of them. Double courses.

PHYSICAL EDUCATION AND ATHLETICS

Professor Boles

1. **Baseball.** Theory and practice in batting; base running; proper methods of fielding each position; team work and coaching methods; study of the rules; physical condition; methods of indoor practice. Lectures and practical work.

2. **Basketball.** Instruction will be given in basketball with the idea of fitting men to coach. The course will cover passing, goal

throwing, dribbling, team play, how to condition a team, and the different styles of play used by the leading coaches. Lectures and practical work.

3. **Football.** The theoretical work will take up the rules from the standpoint of coach, players and officials; the several styles of offense and defense with consideration of their special strength and weaknesses; generalship and strategy. The practical work will include: training, conditioning and player's equipment; punting, drop kicking, place kicking, kick off, and forward passing; tackling dummy and charging sled; special drills for linemen, ends and backs; following the ball, interference and team work; fundamental plays, freak plays, and signal systems. Lectures and practical work.

4. **School Room Gymnastics.** The possibilities of exercise for elementary grades and high school will be shown. Exercises suitable for schoolroom will be taught.

If possible the courses in baseball, basketball and football will have two hours at a time.

MILITARY ART

Capt. H. N. Royden, U. S. Army

Courses offered in the Military Department will be arranged to meet the needs of two classes of students; first, of those having time to register in one or more of the military courses; and second, those desiring to devote their entire time to the military course.

1. First lessons in spoken French for men in military service.
2. Infantry drill. School of the soldier, school of the squad, and school of the company. Military callisthenics.
3. Military signaling. International Morse Code as used on radio systems of the United States army by hand flags and semaphore.
4. Radio telegraphy. A laboratory course in practical instruction in radio and buzzer telegraphy.
5. Manual for non-commissioned officers of infantry of the army of the United States.

UNIVERSITY OF KENTUCKY

Lexington, Kentucky, U. S. A.

FRANK L. McVEY, Ph. D., LL. D., President

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Address for information regarding courses and catalogs, Registrar, University of Kentucky, Lexington, Kentucky.