

BULLETIN OF
William Jewell College
LIBERTY, MISSOURI

SERIES XXXVII

MARCH 15, 1940

NUMBER 4

Announcements for the
Summer Session

1940

SUMMER CATALOG EDITION

Summer Session Opens Monday, June 3 and Closes Friday, August 9

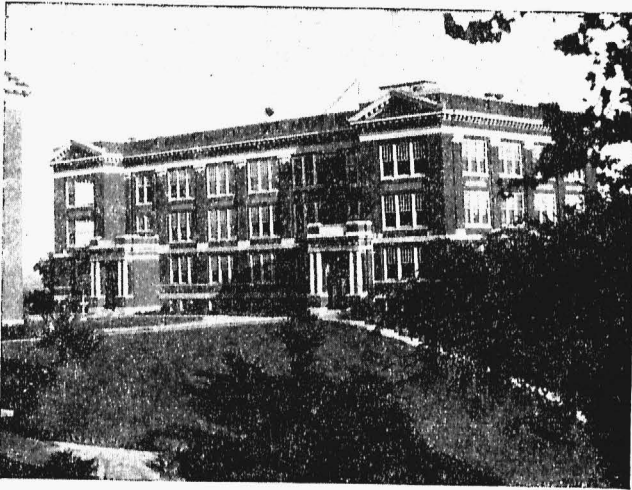
The Summer School will be conducted over a period of ten weeks making it possible for a student to make a maximum of ten semester hours. There will be six-weeks courses for those who do not wish to remain the full ten weeks.

PUBLISHED QUARTERLY BY THE COLLEGE

Entered April 2, 1909, at Liberty, Mo., as second-Class matter under act of Congress of July 16, 1894. Accepted for mailing at special rate of postage provided for in section 1103' Act of October 3, 1918, authorized on July 2, 1918.

SUMMER SESSION CALENDAR

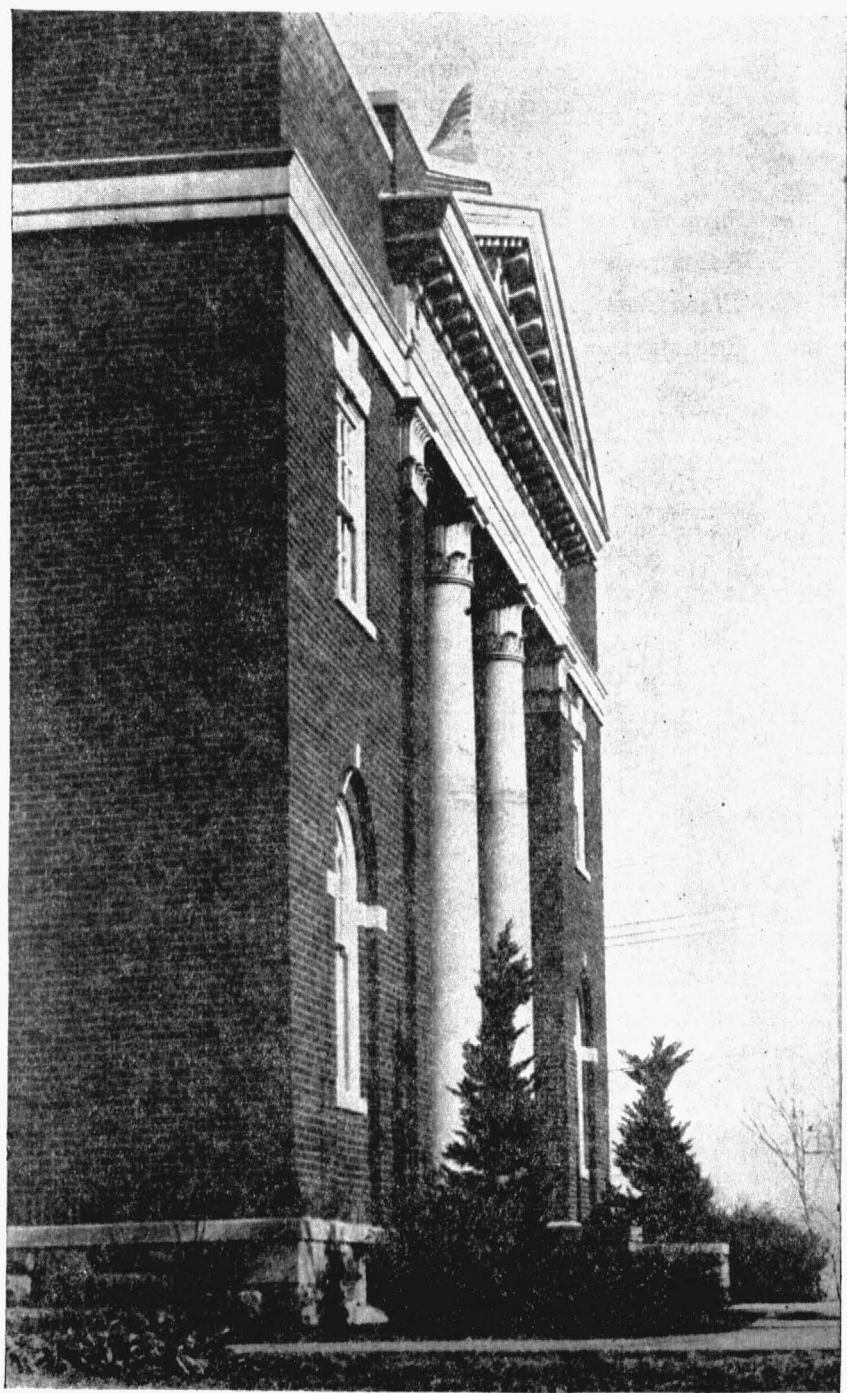
Summer Session begins . . . Monday, June 3
 Registration Monday, June 3
 Class work begins Tuesday, June 4
 Registration permitted to . . Tuesday, June 11
 Six-week Courses close . . Friday, July 12
 Summer Session closes . . Friday, August 9



Marston Hall

CALENDAR

JUNE							JULY							AUGUST						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
						1		1	2	3	4	5	6					1	2	3
2	3	4	5	6	7	8	7	8	9	10	11	12	13	4	5	6	7	8	9	10
9	10	11	12	13	14	15	14	15	16	17	18	19	20	11	12	13	14	15	16	17
16	17	18	19	20	21	22	21	22	23	24	25	26	27	18	19	20	21	22	23	24
23	24	25	26	27	28	29	28	29	30	31				25	26	27	28	29	30	31



Faculty

JOHN F. HERGET, A. M., LL. D., President.

ALLEN J. MOON, A. M., LL. D., (Howard College.) Dean of the College.

J. B. SULLIVAN, Ph. D., (George Washington University.) Dean of Summer Session.

BIOLOGY

CLARENCE JEROME ELMORE, Ph. D., (University of Nebraska.) Head of Department, Professor of Biology, and Curator of the Museum.

OLIVE THOMAS, A. B., (William Jewell.) Instructor in Biology. Graduate work, University of Missouri.

BIBLE

H. I. HESTER, Th. D., (Southern Baptist Theological Seminary.) Head of Department and Professor of Bible and Religious Education.

CHEMISTRY

FRANK G. EDSON, Ph. D., (University of Colorado.) Head of Department and Professor of Chemistry.

EDUCATION

J. B. SULLIVAN, Ph. D., (George Washington University.) Head of Department and Professor of Education.

THURSTON ISLEY, M. Ed., (University of Kansas.) Associate Professor of Education. Graduate work, University of Kansas, University of Wisconsin, and University of Missouri.

ENGLISH

P. CASPAR HARVEY, A. M., (William Jewell.) Professor of English Composition and Debate Coach. One summer's study, University of Chicago.

MATHEMATICS AND ASTRONOMY

B. EDWARD DENTON, A. M., (George Peabody College.) Head of Department and Professor of Mathematics.

MODERN LANGUAGES

MISS RUTH LINDSEY, A. M., (Columbia University.) Professor of French and Spanish.

MUSIC

DAVID GROSCH, Head of Department and Professor of Music. Taught in Chicago Musical College, Bush Conservatory, and was

Dean of Conservatory of Music, Baker University. Studied voice with Adolph Schulze of Berlin, piano with John Petrie Dunn of Edinburgh, oratorio with Dr. Charles Allum of London, opera with Hermann Devries, of Chicago, and composition with Samuel DeLange of Stuttgart, Germany.

PHYSICAL EDUCATION

ROBERT EARL BOWLES, A. B., (William Jewell.) Head of Department, Athletic Director, and Coach. Two summers' work at the University of Wisconsin and one summer at Lake Geneva, Wisconsin, in Physical Education. Coaching School, Northwestern University, summer 1933.

SOCIAL SCIENCES

C. O. VAN DYKE, A. M., (University of Kansas.) Acting Head of Department and Professor of Sociology and Economics.

ELEMENTARY EDUCATION

MISS RACHEL DAVIES, A. M., (Columbia University.) One summer additional work, University of California. Director of Open Air Schools, Kansas City, Missouri.

MRS. MARIAN H. DENTON, A. M., (George Peabody College for Teachers.) Director physical education, State Industrial School for Girls, Chillicothe, Missouri.

LOCATION

William Jewell College is located at Liberty, Missouri, a beautiful town about fifteen miles from Kansas City. Hourly service by the bus line over the hard surface road brings Liberty within thirty minutes of Kansas City. It is also about thirty minutes from Excelsior Springs, one of the great health resorts of the Middle West.

The College stands on a high hill overlooking the city of Liberty.

The College buildings are suitably placed on the 100 acre blue grass campus. The elevation and large number of forest trees make Liberty one of the most comfortable spots in summer time in all Missouri. Lake Maurer furnishes an objective point for pleasant excursions.

ADVANTAGES OF ATTENDING WILLIAM JEWELL

COLLEGE SUMMER SCHOOL

A few of the advantages that the William Jewell summer session offers students may be mentioned. The teachers are specialists in their departments, being graduates of the leading universities of Europe and America and also having had years of experience in educational work. Since William Jewell is on the approved list of the Association of American Universities, its work is approved and accepted at universities and professional schools in Europe and

America. The classes will be small, giving the students opportunity for personal touch with teachers.

The minimum expense for board and room and tuition should appeal to many. The expense for board and room (including water and light) and tuition should not be more than one hundred ten dollars for ten weeks. The summer session is not run for profit. Liberty does not offer many inducements for spending money, and, as emphasis is placed on out-door life, sports, hikes, parties, etc., little money is needed for pleasures.

Still another advantage is the organized social program, having for its aim the social development of the student. Swimming, tennis and other sports may be engaged in. The large shady campus is inviting to those who wish to spend a pleasant and profitable vacation.

We also mention the fine Christian atmosphere at William Jewell. The Y. W. A. is active and efficient. Besides the organization on the hill, in the city of Liberty are found the principal denominations with well-equipped buildings and ministered to by leading preachers of the denomination.

Students who desire to do so may complete one full year of work in certain courses, such as Freshman English, Modern Language, Latin, Physics, and Chemistry. One additional course may be taken in another subject.

The Brown Gymnasium with its beautiful swimming pool affords the best facilities for recreation and physical training.

ADMISSION AND CREDITS

The requirements for entrance are either graduation from an accredited high school or fifteen high school units properly distributed.

TEN SEMESTER HOURS MAY BE EARNED IN THE ENTIRE SESSION.
SIX SEMESTER HOURS MAY BE EARNED IN THE FIRST SIX WEEKS.

FACULTY

In the professors who will serve on the faculty of the William Jewell summer session, the students will find teachers who have and take the time for personal help and consultation. These professors are especially trained in the subjects taught. With the exception of Elementary Education they are the teachers of the regular school year. Students will find that their instruction will be of the same excellent quality that is found in the regular school year. Miss Rachel Davies, assisted by Mrs. B. E. Denton, will again be in charge of courses in Elementary Education, including Practice Teaching.

PURPOSE

The summer session of William Jewell College is designed to meet the needs of the following persons: (a) college students desirous of securing additional credits that they may hasten graduation; (b) teachers wishing to secure credits leading to the elementary and secondary certificates issued by the State Department of Education; (c) graduates of high schools wishing to pursue college work.

BUILDINGS AND EQUIPMENT

The entire plant of the College, insofar as it is needed, will be at the disposal of the summer school.

The library occupies a handsome library building, the gift of Mr. Andrew Carnegie and other friends of the College. It contains about 45,000 volumes. The reference room is equipped with many of the latest and best works of reference. The reading room receives regularly the leading American and foreign periodicals.

The Department of Education is well supplied with recent educational books and bulletins, and is a regular subscriber to the leading professional magazines.

Marston Science Hall contains laboratories for chemistry, physics, and biology. The equipment in each of these is modern in every particular.

The College maintains a co-operative book store where books and other supplies may be purchased.

TEACHERS' CERTIFICATES

William Jewell students wishing teachers' certificates may procure them through the registrar's office of William Jewell College. These certificates are issued by the Superintendent of Public Instruction at Jefferson City upon receipt of the student's college record.

TEACHERS' APPOINTMENT BUREAU

The College maintains an Appointment Bureau for the purpose of assisting William Jewell men and women in securing teaching positions. It is the desire of the bureau to serve all students, those in attendance and also former students. Summer students will have the advantage of whatever service the bureau can render them. Students and graduates who are interested should write to Teachers' Appointment Bureau, William Jewell College, Liberty, Missouri.

DORMITORIES

William Jewell College has two well-equipped dormitories which will accommodate 250 students. Melrose Hall, for girls, will be operated during the summer session, provided a sufficient number of women students desire its accommodations to justify its operation. Girls wishing to live in Melrose Hall during summer school should send five dollars to Professor J. E. Davis, Business Manager, as part payment on the rent to reserve a room. Reservations should be made as early as possible, not later than June 1.

Private families: There are also many comfortable homes in Liberty where rooms may be had from \$5.50 to \$15.00 per month. Board in private families is procurable at \$4.50 to \$6.50 per week.

Note: Rooms in dormitory are furnished with all necessary equipment except linens and bed clothes. Homes in which girls live during the summer school must be approved by the Dean of Summer Session.

APPROXIMATE EXPENSES

	Ten Weeks	Six Week
Tuition—Three courses or more.....	\$40.00	\$25.00
Tuition—Two courses.....	20.00	15.00
Tuition—One course.....	12.50	8.00

Student Activity

(Including library and gymnasium fees).....	4.00	2.50
Chemistry Lab. Fee (Entire triple course).....	15.00	10.00
Biology Lab. Fee.....	7.50	5.00
(Entire triple course)		
Room and Board in private homes at a reasonable rate.		

CONVOCATION

Chapel exercises will be held each Tuesday and Thursday from 9:05 to 9:20 a. m.

GRADING AND CREDITS

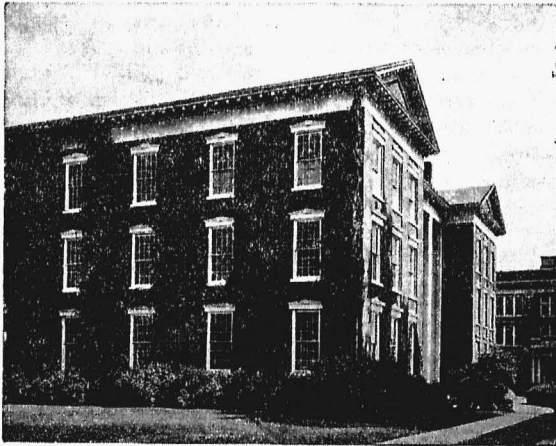
Grades are represented by the letters A, B, C, D, and F. The grade A gives three honor points per term hour, B two honor points, and C one honor point per hour. D is a passing grade but carries no honor points. F indicates failure.

One hundred eighty-six (186) term hours and one hundred eighty-six (186) honor points are required for graduation.

Credits for the summer session are given in semester hours. If a student remains only six weeks in a course, his credits will be three-fifths of that for the ten weeks. Avoid conflicts in choosing courses.

One semester hour is equivalent to one and one-half term hours.

Classes will meet on Monday, Tuesday, Wednesday, Thursday, and Friday. No classes will be held on Saturday.



Jewell Hall

Courses of Instruction

Biology

PROFESSOR ELMORE AND MISS THOMAS

121s, 122s. **GENERAL ZOOLOGY.** A course dealing with the general principles of Biology and giving a general view of all the animal phyla. Text: General Zoology—Hegner. Fee, \$5.00. Credit, 5 semester hours. Lectures and laboratory, M., T., and F. Hours to be arranged.

123s. **GENERAL BOTANY.** A brief survey of the plant kingdom with special reference to the Phanerogams. Part of the time is given to the study of local flora and preparation of an herbarium. Fee, \$2.50. Credit, 2½ semester hours. Lectures and laboratory, T. and Th. Hours to be arranged.

229s, 229as. **HUMAN PHYSIOLOGY.** A study of the anatomy and physiology of the human body. The laboratory work consists of a study of the gross and microscopic study of organs and of physiological processes. Text: Textbook of Physiology—Zoethout. Credit, 5 semester hours. Fee, \$5.00. Biology 121s, 122s, 123s, prerequisites. Lectures and laboratory, M., W., and F. Hours to be arranged.

230s. **BOTANY.** A course treating of the structure, physiology, and relationships of lower plants. Laboratory fee, \$2.50. Lectures and laboratory, T. and Th. Credit, 2½ semester hours. Hours to be arranged.

Courses 229s, 229as, 230s will be offered provided there is sufficient demand.

Bible

PROFESSOR HESTER AND ASSISTANT

101s, 102s, 103s. **BIBLE HISTORY.** The purpose of this course is to give the student a knowledge of Bible history. Attention is given first to introductory matters such as Biblical Geography and Biblical Antiquities. Then the student is taken through the history of the Old Testament, the Interbiblical Period, and the New Testament. Texts: The Bible; A Syllabus for the Study of the Bible—Hester; A Class Book of Old Testament History—Maclear, Studies in the New Testament—Robertson; Library references. Daily at 9:20. Credit, 2½ semester hours.

Chemistry

PROFESSOR EDSON AND ASSISTANT

101s, 102s, 103s. **GENERAL CHEMISTRY.** This course is open to college students who have had no chemistry. Students who offer chemistry for college entrance will also be admitted to this course, but may be given special work suited to their advancement. This course covers the study of common substances both in classroom and laboratory. During the last four weeks some qualitative analysis will be done by each student.

Since students taking this course can take no other courses, hours most convenient to the class will be arranged. Credit, 10 semester hours.

201s. **QUALITATIVE ANALYSIS.** The class work will be devoted to a study of the laws and principles which are at the basis of analytical chemistry. Special emphasis will be placed on the law of mass action, chemical equilibrium and the solubility product principle. The laboratory work will be devoted to the qualitative determination of the cations and anions and will include the qualitative analysis of various types of alloys. It will be chiefly semi-micro analysis. One of the class periods each week will be devoted to the working of problems using "Calculations of Qualitative Analysis" by Engelder as the problem text-book. Credit, 4 semester hours. Laboratory fee \$5.00. Hours to be arranged.

202s, 203s. **QUANTITATIVE ANALYSIS.** An introductory course covering the general principles of gravimetric and volumetric analysis. The course is taught with the application of the principles of Physical Chemistry to the theory of Quantitative Analysis. One of the class periods each week is devoted to the working of problems using "Calculations of Quantitative Analysis" by Hamilton and Simpson.

The laboratory work is devoted to volumetric and gravimetric analysis, including acidimetric and alkalimetric determinations, analysis of various ores, alloys, limestone and other materials. Credit, 6 semester hours. Chem. 201 and Math. 115a, 115b are prerequisites. Laboratory fee \$10.00. Hours to be arranged.

301s, 302s, 303s. **ORGANIC CHEMISTRY.** A discussion of the important classes of organic compounds, both aliphatic and aromatic, together with some heterocyclic compounds. Text: Organic Chemistry—Lucas.

The laboratory work includes the preparation of typical organic compounds. Credit, 10 semester hours. Chemistry 201 prerequisite. Laboratory fee \$15.00. Hours to be arranged.

Chemistry 201s, 202s, 203s, 301s, 302s, 303s will be offered provided there is sufficient demand. Students who are interested should see or write to Dr. Frank G. Edson, Head of the Department of Chemistry.

Education

SECONDARY EDUCATION

PROFESSORS SULLIVAN, ISLEY, AND DENTON

213s. **EDUCATIONAL PSYCHOLOGY.** A study of the fundamental facts and principles of the learning process and an application of the methods and results of experimental psychology to the problems of classroom instruction. Some of the major topics treated in this course are: inherited equipment, instincts and learning, laws of learning, reasoning and problem solving, memory, attention, transfer of training, individual differences, intelligence, statistical measurement. Open to elementary and secondary teachers. Daily at 10:15. Credit, 2½ semester hours.

338s. **PSYCHOLOGY OF SCHOOL SUBJECTS.** It is the purpose of this course to make a study of the psychological factors involved in learning and teaching different school subjects. Emphasis in the course will be placed

on psychology of language and literature, but some attention will be given to other school subjects. The course is intended primarily for teachers, but others may be admitted with the consent of the instructor. Prerequisites, General Psychology, or consent of instructor. Daily at 7:15. Credit, $2\frac{1}{2}$ semester hours.

314s. TECHNIQUE OF TEACHING IN SECONDARY SCHOOLS. A comprehensive course in the fundamental principles and methods of the teaching process with emphasis on the intellectual, emotional and motor aspects. Some of the topics treated in the courses are: the objectives of teaching, planning instruction, supervised study, socialized recitation, problem project teaching, adapting instruction to individual differences, tests, examinations and grading. Daily at 9:20. Credit, $2\frac{1}{2}$ semester hours.

321s. HISTORY OF EDUCATION. A brief study of the educational systems of Greece and Rome and of the development of the school during the Middle Ages. Special emphasis will be given to the development of the educational systems of modern European nations. Daily at 8:10. Credit, $2\frac{1}{2}$ semester hours.

*** 329s. INTELLIGENCE TESTING.** This course deals with the technique of the intelligence testing group, and individual, with emphasis on the Binet procedure. Also a study of the uses to be made of the results in the classification and treatment of pupils. Classroom demonstration in giving the tests. Actual practice in giving, scoring, and interpreting the results. Daily at 8:10. Credit, $2\frac{1}{2}$ semester hours.

315s. HIGH SCHOOL ADMINISTRATION. This course seeks to discover and apply the fundamental and psychological principles upon which the organization and administration of the high school should be based. Required by the State Department of Education for high school certificate. Prerequisite, Education 314. Freshmen not admitted. Daily at 7:15. Credit, $2\frac{1}{2}$ semester hours.

319. EXTRA-CURRICULAR ACTIVITIES. This course is designed to provide a general survey of the organization of the extra-curricular activities of the high school and in elementary schools. Topics: School and class organization; school clubs; school publications; fraternities and sororities; student participation in school control. Daily at 11:10. Credit, $2\frac{1}{2}$ semester hours.

318s. EDUCATIONAL TESTS AND MEASUREMENTS. Among the topics considered are: a brief survey of the testing movement, different kinds of tests available, educational uses of tests, statistical devices useful in the classroom, intelligence, educational, diagnostic, trait, and home-made tests, marking systems, survey of the test available in the elementary, junior, and senior high schools, etc. Special emphasis will be given to the uses of standardized tests in the different subjects in the different grades. Open to elementary and secondary teachers. Daily at 9:20. Credit, $2\frac{1}{2}$ semester hours.

320s, 320as. EDUCATIONAL SOCIOLOGY. This course is intended for students with little or no training in sociology. Its purpose will be to familiarize them with the significant contributions of modern sociology as well as

* This course will be offered provided there is sufficient demand.

with their bearing upon educational objectives and upon administration and organization of education. Daily at 10:15. Credit, $2\frac{1}{2}$ semester hours.

317s. **RADIO IN EDUCATION.** The purpose of this course is to give teachers and prospective teachers an acquaintance with the uses of the radio as an educational instrument. The course will include a study of the educational programs of the National Broadcasting Company and the programs of the Columbia Broadcasting System. Also a study will be made of the educational programs broadcast by the Federal Government. A survey will be made of the literature available on educational broadcasting. There will be non-technical discussions of the radio receiving set. Some attention will be given to the use of phonographic records as teaching devices.

This course is open to the regular college students as well as to elementary and high school teachers. Daily at 11:10. Credit, $2\frac{1}{2}$ semester hours.

ELEMENTARY EDUCATION

PROFESSORS DAVIES, GROSCHE, DENTON, AND MRS. DENTON

128s. **ORGANIZATION AND MANAGEMENT IN ELEMENTARY OR RURAL SCHOOLS.** This course is a study of the organization and management of the elementary school. Some of the main topics studied in this course will be: class management, discipline, making schedules, heating, lighting, and ventilation of the classroom, hygiene, sanitation, relation of school to community, and text-books. Required by State Department of Education for elementary certificate. Daily at 9:20. Credit, $2\frac{1}{2}$ semester hours.

*112s. **DIRECTED PLAYGROUND ACTIVITIES.** This course is intended to give elementary school teachers an acquaintance with the various playground and recreational activities and games in which elementary school students should participate. Daily at 8:10. Credit, $2\frac{1}{2}$ semester hours.

105s. **TECHNIQUE OF TEACHING IN ELEMENTARY SCHOOLS.** This course will be devoted mainly to a study of methods of teaching Reading and Arithmetic in elementary schools with special emphasis on primary methods. Not only will the approved methods of teaching these subjects be studied, but an effort will be made to help the teachers to overcome difficulties often encountered in teaching these subjects. Some attention will be given to methods in other elementary school subjects. Required by State Department of Education for elementary certificate. Daily at 8:10. Credit, $2\frac{1}{2}$ semester hours.

107s. **PUBLIC SCHOOL MUSIC.** It is the purpose of this course to acquaint teachers with the methods of teaching Music in elementary schools. Completion of this course will satisfy the requirements in Music of the State Department of Education for the Sixty-Hour Elementary Certificate. Hours to be arranged. Credit, $2\frac{1}{2}$ semester hours.

108s. **PUBLIC SCHOOL ART.** It is the purpose of this course to acquaint teachers with the methods and materials of Art in elementary schools. Completion of this course will satisfy the requirement in Art of the State Department of Education for the Sixty-Hour Elementary Certificate. Daily at 7:15. Credit, $2\frac{1}{2}$ semester hours.

*This course will be offered provided there is sufficient demand.

109s. **ARITHMETIC FOR TEACHERS.** It is the purpose of this course to give the student a thorough review of the subject of arithmetic as taught in the elementary school. Also to acquaint him with the approved methods of teaching arithmetic in elementary schools. It will be a professionalized subject matter course. Daily at 9:20. Credit, $2\frac{1}{2}$ semester hours.

116s. **CHILDREN'S LITERATURE.** It is the aim of this course to give the prospective teacher knowledge and appreciation of those authors and literary selections which should be included in an up-to-date elementary school curriculum. Attention also will be given to methods of teaching such selections. Daily at 7:15. Credit, $2\frac{1}{2}$ semester hours.

210s. **SUPERVISED PRACTICE TEACHING IN THE ELEMENTARY SCHOOLS.** This course will include directed teaching of regular classes correlated with an activity program, with major emphasis upon the conduct of the recitation. Hours to be arranged. Credit, $2\frac{1}{2}$ semester hours.

Note: The above course will satisfy the requirements in Practice Teaching of the State Department of Education for the Sixty-Hour Elementary Certificate. All students interested in practice teaching should notify us at the earliest convenient date.

211s. **PRACTICE TEACHING IN THE ELEMENTARY SCHOOLS.** This is a continuation of Elementary Education 210s.

318s. **EDUCATIONAL TESTS AND MEASUREMENTS.** (See Secondary Education.)

English

PROFESSOR HARVEY

115s, 116s, 117s. **ENGLISH COMPOSITION.** This is the regulation rhetoric course required of all freshmen in the College and is similar to all such courses in other colleges and universities. Much theme writing and the preparation of daily exercises are required. Special attention is given to drill for vocabulary study. Daily at 7:15 and 11:10. Credit, 6 semester hours.

318s. **SHAKESPEARE.** This course covers nine of the plays of Shakespeare. In addition to a reading and study of the plays themselves the students are required to do extensive library reading in the literature of these plays. Many individual reports are also required which can be prepared only after research in the library. Daily at 10:15. Credit, $2\frac{1}{2}$ semester hours.

341s. **ROBERT BROWNING.** An intensive study of the poems of this Victorian poet will be made throughout the course. Browning's contribution of thought-provoking literature will be emphasized. A complete edition of Browning's poems will be required as a text. Daily at 11:10. Credit, $2\frac{1}{2}$ semester hours. (Given on demand).

215s. **ADVANCED NARRATIVE COMPOSITION.** For students especially interested in creative prose writing. Texts: Narrative Technique—Uzzell, and Weaving the Short Story—Bement. Class limited to six or seven students. Eng. 117 and special permit, prerequisites. Daily at 8:10. Credit, $2\frac{1}{2}$ semester hours.

310s. **THE SHORT STORY.** This course will present an intensive study of this form of prose fiction. Extensive reading of the masterpieces of this form will be required. Reports will be required on the methods and techniques which have produced these masterpieces. Many modern short stories will be used for purposes of comparison. Daily at 7:15. Credit, $2\frac{1}{2}$ semester hours.

311s. **THE NOVEL.** Although this will involve an extensive reading of the masterpieces of this form of literature, the student will be expected to analyze the construction and the methods employed by the authors of certain designated novels. The student will have some choice as to what novels he will be assigned to analyze. A study of thematic development of the ideas of certain novels will be emphasized. Daily at 9:20. Credit, $2\frac{1}{2}$ semester hours

312s. **LITERARY MASTERPIECES.** It is the purpose of this course to make an intensive study of a number of the great literary masterpieces. The work in this course will involve wide reading on the part of the student. Hours to be arranged. Credit, $2\frac{1}{2}$ semester hours.

Speech

(To be supplied)

GENERAL COURSE IN SPEECH FOR TEACHERS.

233s. This course is designed to give teachers theory and practice related to problems of speech and dramatics in elementary schools; special attention will be given to methods of dealing with minor speech difficulties; the use of speech chorus in teaching poetry; theory and technique of children's dramatics from the creative standpoint; practical work with a group of children. Daily at 10:15. Credit, $2\frac{1}{2}$ semester hours.

Greek

PROFESSOR DERWACTER

221s, 222s, 223s. **XENOPHON'S ANABASIS, SELECTIONS FROM HERODOTUS, AND THE ILIAD OF HOMER.** (Second year Greek.) This course is required of all students entering Greek 311, 312, 313 (New Testament Greek will be given in 1940-41) or other advanced courses in Greek. Prerequisite Greek 101, 102, 103, or one year of elementary Greek. Daily at 7:15, 9:20, and 11:10. Credit, $7\frac{1}{2}$ semester hours.

104s. **THE PRIVATE LIFE AND CUSTOMS OF THE GREEKS.** This course deals with the Greek home, food, clothing, marriage and burial customs, education, religion, and similar topics. No prerequisite. No knowledge of Greek required. Daily at 8:10. Credit, $2\frac{1}{2}$ semester hours.

Mathematics

PROFESSOR DENTON

111s. **COLLEGE ALGEBRA.** A rapid review of the fundamentals of high school algebra and linear equations, quadratic equations, simultaneous quadratic equations, determinants, inequalities, progressions, logarithms, math-

emathical induction, binomial theorem, theory of equations, complex numbers, mathematics of finance, partial fractions, permutations, combinations, probabilities, series, etc. Daily at 7:15. Credit, $2\frac{1}{2}$ semester hours.

115s. **PLANE TRIGONOMETRY.** Topics considered are: objects of trigonometry, functions of an acute angle, logarithms, use of tables, solution of right triangle, reduction formulas, line value, radian measure, graphical representation, functions of a single angle, identities, inverse functions, trigonometric equations, law of the sine, cosine, and tangent, solution of oblique triangles, functions of multiple angles, etc. Daily at 8:10. Credit, $2\frac{1}{2}$ semester hours.

117s. **PLANE ANALYTIC GEOMETRY.** Topics studied are: fundamental notions, equations and their graphs, the straight line, circle, parabola, ellipse, hyperbola, transformation of coordinates, polar coordinates, etc. Text: Harding and Mullins—Analytic Geometry. Credit, $2\frac{1}{2}$ semester hours. Hours to be arranged.

220s. **DIFFERENTIAL AND INTEGRAL CALCULUS.** The following topics will be studied: differentiation, maxima and minima, curve tracing, integration, partial differentiation, indeterminate forms, multiple integrals, applications, etc. Credit, $7\frac{1}{2}$ semester hours. Hours to be arranged.

Courses 117s and 220s will be offered provided there is sufficient demand.

Modern Language

MISS LINDSEY

101s, 102s, 103s. **ELEMENTARY SPANISH.** Pronunciation, grammar, reading and conversation. Reading from easy texts. Text: First Spanish Course—Hills and Ford. Daily at 7:15, 9:20, 11:10. Credit, $7\frac{1}{2}$ semester hours.

312s. **SPANISH CULTURE.** A lecture course, consisting chiefly of a survey of Spanish literature with some account of the music and painting of the various periods discussed, and of Spanish influence upon the art of other nations. Daily at 10:15. Credit, $2\frac{1}{2}$ semester hours.

Music

PROFESSOR GROSCH

107s. **PUBLIC SCHOOL MUSIC.** (See Elementary Education.)

Physical Education

PROFESSOR R. E. BOWLES

104s. **PHYSICAL EDUCATION.** This course is intended for public school teachers who are desirous of taking work in the practical as well as the theoretical aspects of physical education as applied to public school needs. A few of the topics treated will be: planning and arrangements of public school programs in physical education; principles of teaching gymnastics, supervision of playground activities, games, exercises. Daily at 7:15. Credit, $2\frac{1}{2}$ semester hours.

107s, 108s, 109s. **PRINCIPLES OF COACHING.** Bibliography history

and development. Equipment of teams, conduct of a season of football, basketball, track, and field athletics. Daily at 10:15. Credit, $2\frac{1}{2}$ semester hours.

101s, 102s, 103s. **HYGIENE AND SANITATION.** This is the regular course required of all students for graduation from William Jewell College. In this course special emphasis will be placed on a study of the fundamental laws of health, and the health relations of the individuals to the community. Daily at 9:20. Credit, $2\frac{1}{2}$ semester hours.

Social Sciences

PROFESSOR VAN DYKE AND ASSISTANT

211s. **RECENT AMERICAN HISTORY.** A survey of the development of the social, economic, political, and religious life of America since the Civil War. Daily at 8:10. Credit, $2\frac{1}{2}$ semester hours.

207s. **COMPARATIVE GOVERNMENT.** A study of the major European governments and the changes which have occurred in political forms in recent years. Daily at 9:20. Credit, $2\frac{1}{2}$ semester hours.

321s. **THE RENAISSANCE AND THE REFORMATION.** A course dealing with Renaissance movement in western Europe and a study of the religious changes during the 16th and 17th centuries. Special emphasis given to cultural, social, and political history of the period. Prerequisite History 103 or consent of instructor. Daily at 10:15. Credit, $2\frac{1}{2}$ semester hours.

304s. **ECONOMIC GEOGRAPHY.** A study of the natural resources of the world, the ways in which these resources have been utilized, and the part these resources have had in the development of the present economic society. Daily at 11:10. Credit, $2\frac{1}{2}$ semester hours.

301s. **CHILD WELFARE.** A study of the various problems of child welfare, particularly from the point of view of society. Prerequisites, Sociology 201 and 202, or consent of instructor. Daily at 10:15. Credit, $2\frac{1}{2}$ semester hours.

SCHEDULE

COURSES	7:15	8:10	9:05	9:20	10:15	11:10	1:15	Hours To Be Arranged
Biology.....								121s, 122s, 123s, 230s, 229s, 229as
Bible.....				101s, 102s, 103s				
Chemistry.....								101s, 102s, 103s, 201s, 202s, 203s, 301s, 302s, 303s
Education { Elementary	116s, 108s,	105s, 112s,	.....	128s, 109s,	320s, 320as	.....	.....	107s, 210s,
{ Secondary	315s, 338s	321s, 329s	.....	314s, 318s,	213s	319s, 317s	.....	211s
English.....	115s, 116s, 117s, 310s	215s	.....	311s	318s,	115s, 116s, 117s, 341s	.....	312s
Greek.....	221s, 222s, 223s	104s	.....	221s, 222s, 223s	.....	221s, 222s, 223s	.....
Mathematics.....	111s	115s	.....				.....	117s, 220s
Spanish	101s, 102s, 103s	.....	.....	101s, 102s, 103s	312s	101s, 102s, 103s	.....
Public School Music.....								107s
Physical Education.....	104s			101s, 102s, 103s	107s, 108s, 109s			
Social Science.....		211s		207s	321s, 304s	301s		
Speech					233s			