

WILLIAM JEWELL COLLEGE

FOUNDED 1849

A n n o u n c e m e n t s

Series 35

April 15, 1937

Number 4

The Summer Session

First term June 1 to July 10.

Six weeks courses for those who do
not wish to remain the full ten weeks.



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WILLIAM JEWELL PRESS
LIBERTY, MISSOURI

Note to Teachers

The Summer Session is desirous of extending its educational service to as great a number of the teachers of the state as possible. There will be offered in addition to the courses for secondary school teachers, several courses in Elementary Education for those teachers who desire additional professional training, and also wish to meet the requirements of the State Department of Education for the elementary certificate. Most of the courses offered in Elementary Education are courses required by the State Department of Education for the Sixty-Hour Elementary Certificate. Also students coming from other institutions with credits in Elementary Education will be permitted to transfer credits to the amount of $12\frac{1}{2}$ semester hours in Elementary Education, provided the work is not below C grade.

BULLETIN OF
WILLIAM JEWELL COLLEGE
FOUNDED 1849
LIBERTY, MISSOURI

SERIES XXXV

APRIL 15, 1937

NO. 4

Announcements for the
SUMMER SESSION
1937

SUMMER CATALOG EDITION

Summer Session opens Tuesday, June 1 and closes Friday, Aug. 6

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

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WILLIAM JEWELL COLLEGE

SUMMER SESSION

CALENDAR

Summer Session begins Tuesday, June 1

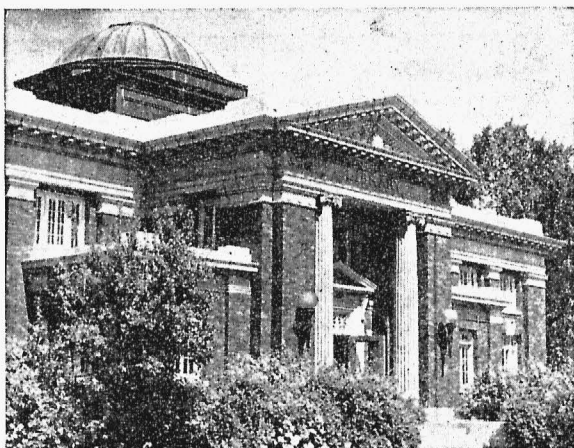
Registration, Tuesday, June 1

Class work begins Wednesday, June 2

Registration permitted to June 10

Six-weeks courses close Friday, July 9

Summer Session closes Friday, August 6



CARNEGIE LIBRARY

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	2	3	4	5					1	2	3	1	2	3	4	5	6	7
6	7	8	9	10	11	12	4	5	6	7	8	9	10	8	9	10	11	12	13	14
13	14	15	16	17	18	19	11	12	13	14	15	16	17	15	16	17	18	19	20	21
20	21	22	23	24	25	26	18	19	20	21	22	23	24	22	23	24	25	26	27	28
27	28	29	30				25	26	27	28	29	30	31	29	30	31				

FACULTY

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

ANCIENT LANGUAGES

ALLEN J. MOON, A. M., LL.D., (Howard College.) Dean and Registrar.
Head of Department and Professor of Latin. Graduate work, the
University of Virginia and the University of Chicago.

FREDERICK M. DERWACTER, Ph. D. (University of Chicago.)
Professor of Greek.

BIBLE

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

BIOLOGY

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

*HELEN CHURCHILL, A. M., (University of Michigan.)

Instructor in Biology.

Graduate work, University of Kansas, University of Chicago, and
University of Michigan.

OLIVE THOMAS, A. B., (William Jewell.)

Instructor in Biology for the year 1936-37.

CHEMISTRY

FRANK G. EDSON, Ph. D., (University of Colorado.)

Acting 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 and University of Wisconsin.

J. C. GODBEY, M. S. in Ed., (University of Kansas.)

Assistant Professor of Education for the year 1936-37.

GEORGE C. BEAMER, A. B., (William Jewell.)

Instructor in Education.

WILLIAM JEWELL COLLEGE

ENGLISH AND PHILOSOPHY

JOHN PHELPS FRUIT, Ph.D., (Leipzig University.)

Head of Department and Professor of English Literature, and of Philosophy.

P. CASPAR HARVEY, A. M., (William Jewell.)

Professor of English Composition and Debate Coach.

One Summer's study, the University of Chicago.

VIRGINIA D. RICE, A. M., (University of Kansas.)

Instructor in English.

Graduate work, University of Kansas and University of Wisconsin.

HAROLD G. BARR, A. B., (Drake University.)

Special Lecturer in English for the year 1936-37.

HISTORY AND POLITICAL SCIENCE

W. HOLT SMITH, Ph. D., (University of Chicago.)

Head of Department and Professor of History and Political Science.

ULMA R. PUGH, A. M., (Baylor University.)

Associate Professor of History.

Graduate work, University of Iowa.

MATHEMATICS AND ASTRONOMY

B. EDWARD DENTON, A. M., (George Peabody College.)

Head of Department and Professor of Mathematics.

JOSEPH VAN TRUMP, A. B., (William Jewell.)

Instructor in Mathematics.

Graduate work, University of Missouri.

MODERN LANGUAGES

● ARTHUR GROVER BYRNS, A. M., (University of Kansas.)

Acting Head of Department and Professor of Spanish and German.

MISS RUTH LINDSEY, A. M., (Columbia University.)

Professor of French and Spanish.

Graduate work, University of Chicago.

WILBUR BRUNER, A. M., (University of Kansas.)

Instructor in Spanish and French.

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 Shulze 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.

PHYSICS

JOHN E. DAVIS, A. B., (William Jewell.)

Head of Department and Professor of Physics. Graduate work, University of Chicago.

JOSEPH VAN TRUMP, A. B., (William Jewell.)

Instructor in Physics. Graduate work, University of Missouri.

SOCIOLOGY AND ECONOMICS

WILLIAM C. SMITH, Ph. D., (University of Chicago.)

Head of Department and Professor of Sociology and Economics.

ULMA R. PUGH, A. M., (Baylor University.)

Associate Professor of Economics.

Graduate work, University of Iowa.

* On leave of absence for graduate study.

● Deceased.

ADMINISTRATION

JOHN F. HERGET, *President*.....Liberty, Mo.
 ALLEN J. MOON, *Dean and Registrar*.....Liberty, Mo.
 RUTH LINDSEY, *Dean of Women*.....Liberty, Mo.
 MARY RUTH MILLEN, *Assistant Registrar*.....Liberty, Mo.
 H. B. EARLY, *Secretary-Treasurer*.....Liberty, Mo.
 J. C. ARMSTRONG, *Librarian*.....Liberty, Mo.
 MISS OPAL CARLIN, *Assistant Librarian*.....Liberty, Mo.
 JOHN E. DAVIS, *Business Manager*.....Liberty, Mo.
 H. I. HESTER, *Secretary of Faculty*.....Liberty, Mo.
 CHESTER J. PRINCE, *Field Representative and Personnel Secretary*. Liberty, Mo.
 GEORGE C. BEAMER, *Manager, William Jewell Press*.... .Liberty, Mo.

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 new 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. Winnwood Lake 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, and 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. C. 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, Chemistry, and Biology. One additional course may be taken in another subject, except by those taking Chemistry.

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

ADMISSION AND CREDITS

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

The work offered in summer school may be applied on the A. B. degree and on teachers' certificates granted by the State Superintendent of Public Instruction, except as specified in connection with courses.

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 consolation. 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.

CREDIT FOR COURSES IN ELEMENTARY EDUCATION

Credit for courses in Elementary Education will be allowed towards the A. B. degree in William Jewell College to the amount of $12\frac{1}{2}$ semester hours. This will make it possible for those students who have not already had the courses to get a full summer's work in Elementary Education and to receive credit for it towards the degree. Also students coming from other institutions with credits in Elementary Education will be permitted to transfer credits to the amount of $12\frac{1}{2}$ semester hours in Elementary Education, provided the work is not below C grade.

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 37,000 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 communicate with the bureau. Application blanks for enrollment on request. An enrollment fee of \$2.00 will be charged each applicant. Address all communications to Professor J. B. Sullivan, 312 Morse Ave., 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 the Summer Session.

APPROXIMATE EXPENSES

	Ten Weeks	Six Weeks
Tuition.....	\$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
Biology Lab. Fee.....	7.50	5.00
Chemistry Lab. Fee.....	15.00	10.00
(Entire Triple Course)		
Room and Board in private homes at a reasonable rate.		

CONVOCATION

Chapel exercises will be held each Tuesday and Thursday from 10:00 to 10:15 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.

COURSES OF INSTRUCTION

Biology

PROFESSOR ELMORE

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., W., and F. afternoons.

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. afternoons.

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. afternoons.

CHEMISTRY

PROFESSOR EDSON

101s, 102s. **INORGANIC CHEMISTRY.** A study of the

chemical elements and compounds, and the laws and principles which are fundamental to the science of chemistry. Credit, 6 $\frac{2}{3}$ semester hours. First term of six weeks. Lectures daily at 7:15 and 11:00. Laboratory periods daily from 8:10 to 11:10. Laboratory fee \$10.00.

103s. **QUALITATIVE ANALYSIS.** The class work will be devoted to a study of the laws and principles which form the basis of analytical chemistry. The laboratory work will be devoted to the qualitative determination of the cations and anions and will include the analysis of a number of alloys. Credit, 3 $\frac{1}{3}$ semester hours. Second term of four weeks. Lectures daily from 7:15 to 8:10. Laboratory periods daily from 8:10 to 12:05. Laboratory fee \$5.00.

EDUCATION

SECONDARY EDUCATION

PROFESSORS SULLIVAN AND DENTON

213s. **EDUCATIONAL PSYCHOLOGY.** A study of the fundamental facts and the 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, transfers of training, individual differences, intelligence, statistical measurement. Open to elementary and secondary teachers. Daily at 10:15. 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 course 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 7:15. 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 8:10. Credits $2\frac{1}{2}$ 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 9:05. Credit, $2\frac{1}{2}$ semester hours. *W. J.*

ELEMENTARY EDUCATION

PROFESSORS GROSCH, DENTON, AND OTHERS TO BE SUPPLIED

Courses in Elementary Education to the amount of $12\frac{1}{2}$ semester hours may be credited towards the A. B. degree in William Jewell College.

128s. **SCHOOL ECONOMY.** 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 7:15. 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 11:10. Credit, $2\frac{1}{2}$ semester hours. *Davis*

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 require-

ments 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. *Charles*

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 9:05. Credit, $2\frac{1}{2}$ semester hours. *R*

109s. **COLLEGE ARITHMETIC.** 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 8:10. Credit, $2\frac{1}{2}$ semester hours. *Mr. Denton*

116s. **CHILD 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 10:15. Credit, $2\frac{1}{2}$ semester hours. *Mr. Denton*

210s. **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. *Mr. Denton*

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.

232s. **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 to 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.

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 technique 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 the thematic development of the ideas of certain novels will be emphasized. Daily at 9:05. Credit $2\frac{1}{2}$ semester hours.

LATIN

PROFESSOR MOON

104s, 105s, 106s. **CAESAR AND CICERO.** Translation of

Books II, III, IV of Caesar's Gallic War and selections from other books, Cicero's Orations, prose exercises along with translation, and syntax. Prerequisite, one year Latin. Credit, $7\frac{1}{2}$ semester hours. Daily at 8:10, 10:15, 1:15.

50s. **ROMAN PRIVATE LIFE.** A study of Roman manner of dress, marriage, burial custom, education, etc. No knowledge of Latin prescribed. Hours to be arranged. 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, mathematical 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 sine, cosine, and tangent, solution of oblique triangles, functions of multiple angles, etc. Daily at 9:05. Credit, $2\frac{1}{2}$ semester hours.

MODERN LANGUAGE

Spanish

PROFESSOR BRUNER

101s, 102s, 103s. **ELEMENTARY SPANISH.** This is an elementary course in Spanish designed to give the student an understanding of the fundamental principles of Spanish grammar, and to enable him to read easy prose and to write simple sentences. The work will include: grammar, composition, and conversation. Daily at 7:15, 9:05, and 11:10. Credit, $7\frac{1}{2}$ semester hours.

204s, 205s, 206s. **SPANISH.** A grammar review with practice in composition in connection with the reading of modern Spanish literature. The last part of the session is devoted to a course in commercial Spanish. Credit, $7\frac{1}{2}$ semester hours. Daily at 8:10, 10:15.

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.

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 9:05. 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.

SOCIAL SCIENCES

PROFESSOR PUGH AND MR. REYNOLDS

201s. **POLITICAL SCIENCE.** The constitutional organizations and practical workings of the principal governments of Europe. Daily at 9:05. Credit, $2\frac{1}{2}$ semester hours.

210s. **EARLY AMERICAN HISTORY.** A course covering the period of American History, up to the election of Andrew Jackson to the presidency, 1828. The approach will be analytical and critical from the social and political standpoint. Some previous knowledge of American History is desirable. Daily at 9:05. Credit, $2\frac{1}{2}$ semester hours.

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.

213rs. **EUROPE SINCE 1914.** A study involving the causes of the World War, the principal events of the World War, the Treaty of Versailles, and the reconstruction of Europe. Special attention will be given to an analysis and evaluation of the social forces operative in Europe since the World War. Daily at 10:15. Credit, $2\frac{1}{2}$ semester hours.

301s. **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. *Pugh*

306s. **RURAL SOCIOLOGY.** A study of social conditions in rural communities, their origins, causes, and means for improvement. Prerequisites, Sociology 201 and 202, or consent of instructor. Daily 7:15. Credit, $2\frac{1}{2}$ semester hours.

SCHEDULE

COURSES	7:15	8:10	9:05	10:00	10:15	11:10	1:15	Hours To Be Arranged
Biology								121s, 122s, 123s, 229s, 229as
Chemistry	101s, 102s 103s	Lab.	Lab.		Lab.	101s, 102s, 103s		
Education { Elementary { Secondary	128s	109s	108s, 318s,		116s	105s		107s, 210s, 211s
	214s	315s	318s		213s			
English	115, 116 117, 310s	215s	311s		232s	115s, 116s, 117s, 341s		
Latin		104s, 105s, 106s			104s, 105s, 106s		104s, 105s, 106s	50s
Mathematics	111s		115s					
Music								107s
Physical Education	104s		101s, 102s, 103s		107s, 108s, 109s			
Social Science	306s	211s	210s, 201s		213rs	301s		
Spanish	101s, 102s, 103s	204s, 205s, 206s	101s, 102s, 103s		204s, 205s, 206s	101s, 102s, 103s		