

William Jewell College

Founded 1849

ANNOUNCEMENTS

Series 27

March 15, 1930

Number 7

The Summer Session

First Term May 26 to July 4

Second Term July 5 to August 1



The 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. With this purpose in view several courses not heretofore offered will be given this summer. There will be offered in addition to the courses for secondary 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.

Bulletin of William Jewell College

FOUNDED 1849

LIBERTY, MISSOURI

Series 27

March 15, 1930

No. 7

Announcements for the SUMMER SESSION

1930

SUMMER CATALOG EDITION

Summer Session Opens Monday, May 26
and Closes Friday, August 1

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. This ten weeks will be divided into two sub-terms of six and four weeks respectively, so that students wishing to attend summer school only six weeks may receive credit for that time.

PUBLISHED MONTHLY BY THE COLLEGE

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

SUMMER SESSION 1930

CALENDAR

Summer Session begins Monday, May 26.

Registration, Monday, May 26.

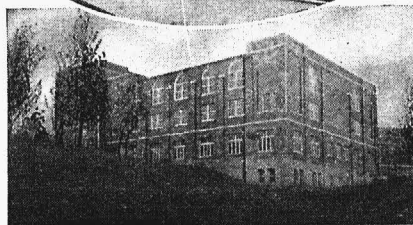
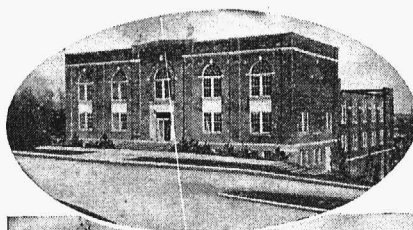
Class work begins, Tuesday, May 27.

Registration permitted to June 9.

First term closes Friday, July 4.

Registration second term Saturday, July 5.

Summer Session closes Friday, August 1.



NEW BROWN GYMNASIUM

SWIMMING POOL

Students desiring the use of the swimming pool during summer school will be charged a fee of five dollars for ten weeks.

BOARD OF TRUSTEES OF WILLIAM JEWELL COLLEGE

Atwood, Judge Frank E.	Jefferson City, Missouri
Amick, E. E.	First National Bank, Kansas City, Missouri
Brown, S. J.	Rialto Building, Kansas City, Missouri
Browning, W. P., jr.	Olathe, Kansas
Fitch, W. M.	Boatman's Bank Building, St. Louis, Missouri
Griffith, W. H.	Griffith Shoe Company, St. Joseph, Missouri
Graham, J. P.	Graham Lumber Company, St. Louis, Missouri
Greene, Dr. J. P.	Santa Ana, California
Harris, W. C.	Fulton, Missouri
James, J. C.	James China Company, Kansas City, Missouri
Johnson, W. D., <i>President</i>	Fidelity Trust Co., Kansas City, Missouri
Jones, Minetry	Jones Hat Company, St. Joseph, Missouri
Major, John S., <i>Secretary-Treasurer</i> ,	First National Bank, Liberty, Missouri
Mackey, J. C.	Clarksville, Missouri
Martin, W. W.	Masonic Orphans' Home, St. Louis, Missouri
Martin, T. D.	Martin Motor Company, Springfield, Missouri
Pillsbury, E. S.	1827 Pine Street, St. Louis, Missouri
Reynolds, J. B., <i>Vice President</i>
.....	Kansas City Life Insurance Bldg., Kansas City, Missouri
Ray, A. T.	Gallatin, Missouri
Proctor, Rev. L. M.	Independence, Missouri
Storts, Com P.	Slater, Missouri
Trimble, Judge Frank H.	Liberty, Missouri
Trimble, E. G.	Insurance Building, Kansas City, Missouri
Tutt, Dr. A. M.	Liberty, Missouri
Weber, Rev. Paul.	Jefferson City, Missouri
Wilhite, Hugh.	Excelsior Springs, Missouri

OFFICERS OF ADMINISTRATION

John F. Herget, <i>President</i>	Liberty, Missouri
Allen J. Moon, <i>Registrar</i>	Liberty, Missouri
J. B. Sullivan, <i>Director of Summer Session</i> ,	Liberty, Missouri
John S. Major, <i>Treasurer</i> ,	Liberty, Missouri
H. B. Early, <i>Assistant Treasurer and Cashier</i> ,	Liberty, Missouri
J. C. Armstrong, <i>Librarian</i> ,	Liberty, Missouri
John E. Davis, <i>Business Manager</i> ,	Liberty, Missouri
A. G. Byrns, <i>Secretary of Faculty</i> ,	Liberty, Missouri
Homer S. Huff, <i>Field Representative and Personnel Secretary</i>
.....	Liberty, Missouri

FACULTY

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

JOHN PRIEST GREENE, A. M., D. D., LL. D., President-Emeritus.

ANCIENT LANGUAGES

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

Head of Department and Professor of Latin. Six majors at the University of Virginia and twenty majors at the University of Chicago on the Ph. D. degree.

FREDERICK M. DERWACTER, PH. D., (Chicago).

Professor of Greek.

BIBLE

H. I. HESTER, TH. D., (Southern Baptist Theological Seminary).

Head of Department and Professor of Bible and Religious Education.

BIOLOGY

CLARENCE JEROME ELMORE, PH. D., (Nebraska).

Head of Department and Professor of Biology.

ELEANOR BURTON, A. B., (William Jewell).

Instructor of Biology.

CHEMISTRY

GEORGE F. WEIDA, PH. D., (Johns Hopkins).

Head of Department and Professor of Chemistry.

FRANK G. EDSON, A. B., (William Jewell), M. A., (University of Colorado).

Assistant Professor of Chemistry.

Work for Ph. D. completed except thesis.

EDUCATION

J. B. SULLIVAN, A. M., (Columbia University).

Head of Department and Professor of Education.

Work for Ph. D. degree completed at George Washington University, except thesis.

ROBERT W. FREDERICK, PH. D., (New York University).

Professor of Education.

ENGLISH AND PHILOSOPHY

JOHN PHELPS FRUIT, PH. D., (Leipzig).

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

- P. CASPAR HARVEY, A. M., (William Jewell).
 Professor of English Composition. One summer's work in the
 teaching of English, Chicago University.
- VIRGINIA D. RICE, A. B., (William Jewell).
 Instructor of English.
 One year's work for A. M. in English at University of Kansas.
- W. PREWITT EWING, A. B., (William Jewell).
 Instructor of English and Coach of Debate.

HISTORY AND POLITICAL SCIENCE

- W. HOLT SMITH, A. B., (William Jewell), B. D., TH. M., PH. D., (Chicago).
 Head of Department and Professor of History and Political Science.
- ULMA R. PUGH, M. A., (Baylor), TH. M., (Southwestern Baptist Theological Seminary).
 Assistant Professor of History.
 Sixteen majors at the University of Iowa on the Ph. D. degree.

MATHEMATICS AND ASTRONOMY

- B. EDWARD DENTON, A. M., (George Peabody College).
 Head of Department and Professor of Mathematics.
- CHARLES R. BURKE, A. B., (William Jewell).
 Instructor of Mathematics.

FRENCH AND GERMAN

- CONSTANTINE BILA, PH. D., (University of Paris).
 Head of Department and Professor of French and German.
- CLARENCE G. CHRISMAN, A. B., (William Jewell).
 Instructor of French.
 One year's study in Universities of Madrid and Paris.

SPANISH

- ARTHUR GROVER BYRNS, A. M., (Kansas).
 Head of Department and Professor of Spanish.
- CLARENCE G. CHRISMAN, A. B., (William Jewell).
 Instructor of Spanish.
 One year's study in Universities of Madrid and Paris.

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 Edinburg, 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 and Athletic Director. Two summers' work at the University of Wisconsin and one summer at Lake Geneva, Wisconsin, in Physical Education.

WILLIAM N. COLLINS, B. S., (Missouri).

Athletic Coach. One summer's work in Illinois Coaching School

PHYSICS

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

Head of Department and Professor of Physics. Twenty-four majors at Chicago University for the Ph. D. degree.

CHARLES R. BURKE, A. B., (William Jewell).

Instructor of Physics.

SOCIAL SCIENCE

C. R. HOWD, PH. D., (California).

Head of Department and Professor of Social Sciences.

ULMA R. PUGH, M. A., (Baylor), TH. M., (Southwestern Baptist Theological Seminary).

Assistant Professor of Economics.

Sixteen majors at the University of Iowa on the Ph. D. degree.

Location

William Jewell College is located at Liberty, Missouri, a beautiful town about twelve miles from Kansas City. Hourly service by electric railroad, and 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. Urban Lake and Winnwood Lake furnish objective points 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 all 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, room rent (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, Greek, Physics and Chemistry. 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 entrance are either graduation from an accredited high school or fifteen high school units.

The work offered in summer school may be credited on the A. B. degree and on teachers' certificates granted by the state superintendent of public instruction.

TEN SEMESTER HOURS MAY BE MADE IN THE ENTIRE SESSION.

SIX SEMESTER HOURS MAY BE MADE IN THE FIRST SIX WEEKS.

Faculty

In the men who will serve on the faculty of the William Jewell Summer School, the students will find teachers who find and take the time for personal help and consultation. These men are especially trained in the subjects taught. They are the teachers of the regular school year. Students will find that their work will be of the same excellent instruction that is found in the regular school year.

Professor Denton, who received his training in the George Peabody College for Teachers, and is Head of the Department of Mathematics, William Jewell College, will be in charge of the Methods courses in elementary education. Professor Denton has his Master's Degree from George Peabody College for Teachers, Nashville, Tenn., and is well on toward his doctor's degree. He has done extensive work in the field of Elementary Education, was in charge of teacher training work in high school for two years, has taught two years in George Peabody College Demonstration School and has had two year's experience in teaching courses in elementary methods in Teachers' Colleges. Owing to the foregoing facts it is certain that the courses offered for the elementary teachers in William Jewell College will equal those offered in any of our best Colleges and Universities.

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, in so far 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 cooperative book store where books and other supplies can 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, 604 E. Kansas St. Liberty, Missouri.

Room and Board

William Jewell has three well equipped dormitories which will accommodate 250 students. The beautiful Melrose Hall, for girls, will be at the disposal of summer school students. Girls desiring rooms in Melrose Hall should send \$5.00 to Professor J. E. Davis, Business Manager, as part payment on the rent to reserve a room. Prices of room and board in the dormitory are given below.

Private families: There are also many comfortable homes in Liberty where rooms can be had from \$7.50 to \$15.00 per month. Board in private families is procurable at \$5.50 to \$6.50 per week.

Exclusive of the cost of books and laboratory fees the total cost of these ten weeks of summer school should be about \$110.00.

Note: Rooms in dormitory are furnished with all necessary equipment except linens and bed clothes.

Approximate Expenses

	Ten Weeks	Six Weeks	Four Weeks
Tuition	\$40.00	\$25.00	\$16.00
Student Activity Fee	1.00	1.00	
Physics Laboratory Fee	7.50	5.00	
	(Entire Triple Course)		
Chemistry Lab Fee	10.00	6.00	
Room and Board in			
Dormitory	65.00		

Convocation

Hours for assembly will be arranged at a convenient time.

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 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.

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

COURSES OF INSTRUCTION

Chemistry

Professor Weida

1s, 2s, 3s. General Chemistry and Qualitative Analysis.

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. The course is based on Hale's Laboratory Manual and Holmes' Text book.

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

Credit, 10 hours.

Education**SECONDARY EDUCATION**

Professors Sullivan, Denton, Harvey, Davis

13s. 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 2 1-2 semester hours.

14s. Technique of Teaching in Secondary Schools. A comprehensive course in the fundamental principles and method of the teaching process with emphasis on the intellectual, emotional, and motor aspects. Some of the topics treated in this course are: the objectives of teaching, planning instruction, supervising study, socialized recitation, problem-project teaching, adapting instruction to individual differences, tests, examinations, and grading. Daily at 8:25. Credit 2 1-2 semester hours.

15s. Principles of Secondary Education. This course seeks to discover and apply the fundamental social and psychological principles upon which the organization and administration of the high school should be based. Required by the state department of education. Daily at 11:10. Credit 2 1-2 semester hours.

102s. **Special Methods in Teaching Science.** Application of the principles and teaching procedures developed in Education 14s to the sciences, Physics, Chemistry, General Science, and Biology. Daily at 7:30. Credit 2 1-2 semester hours.

123s. **Special Methods in the Teaching of English.** This course takes up the history of the development of the mother tongue, covers the pedagogical theory of teaching a mother tongue, and offers instruction in special methods in the teaching of English. Special emphasis is given to the material which teachers of English in high schools should know. Daily at 9:20. Credit 2 1-2 semester hours.

18s. **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 tests 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. Daily at 10:15. Credit 2 1-2 semester hours.

33s. **Methods of Teaching Junior and Senior High School Mathematics.** This course has three major aims: (1) A comprehensive survey of the modern methods of teaching mathematics in the secondary schools; (2) A clear understanding of the present trend, organization, and nature of content of secondary school mathematics; and (3) A survey of the available text-books in the field. This will include a rating of text-books according to standards devised by the class. The procedure will be in accord with the recommendations of The National Committee on Mathematical Requirements. Texts: Smith and Reeve—The Teaching of Junior High School Mathematics and J. W. A. Young—The Teaching of Mathematics. Numerous references will be made to the Yearbooks of the National Council of Teachers of Mathematics and other standard works. Daily at 9:20. Credit 2 1-2 semester hours.

ELEMENTARY EDUCATION

Professors Sullivan and Denton

28s. **School Economy.** This course is a study of the organization and management of the elementary schools. 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 textbooks. Daily at 7:30. Credit, 2 1-2 semester hours.

105s. The Technique of Teaching in Elementary Schools.

This course is intended to give the student an acquaintance with the aims, objectives, and methods in public elementary education. Some of the major topics treated are principles of learning, procedures in organization of subject matter, and planning instruction, types of lessons, discipline, methods in the various elementary school subjects. Special emphasis will be placed on method of teaching reading and arithmetic. Daily at 11:10. 2 1-2 semester hours.

18s. Educational Tests and Measurements. For description of course see Secondary Education.

English

Professor Harvey

15s, 16s, 17s. 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 7:30 and 11:10. Credit 6 semester hours.

41s. 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 10:15. Credit 2 1-2 semester hours

123s. Special Methods of Teaching English (See Secondary Education).

Greek and Latin

Professor Derwacter

Greek 1ds, 2ds, 3ds. Elementary Greek. This course covers the First Year of Classical Greek and prepares the student to enter the course in Xenophon's Anabasis. Triple course. Daily at 7:30, 9:20, and 11:10. Credit 7 1-2 semester hours.

Greek 29s. Septuagint. A course in the Greek Old Testament as a background for the study of the New Testament in Greek. Prerequisite, two years of Greek. Daily at 8:25. Credit 2 1-2 semester hours.

Greek 40s. Greek in English. A study of the method of formation of English words from the Greek. The aim of the course is to

help the student of English to appreciate the significance of words of Greek origin and to enable the student of the sciences to trace the origin and to feel the force of the many technical terms which he meets derived from Greek. No knowledge of Greek or Latin prescribed. Daily at 10:15. Credit 2 1-2 semester hours.

Latin 1cs, 2cs, 3cs. **Caesar and Cicero's Orations.** The second year of the college Latin course, consisting of the Second, Third, and Fourth Books of Caesar's Gallic War, and the Catiline and other orations of Cicero. Prerequisite, two entrance units in Latin or Latin 1a, 2a, 3a. Triple course. Daily at 8:25, 10:15, and 1:15. Credit 7 1-2 semester hours.

Note: The above courses will be given in accordance with the demand.

Mathematics

Professor Denton

11s. **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. (Corresponds to mathematics numbers 12 and 14 of the 1928-29 catalogue). Text: Hart's College Algebra. Daily at 7:30. Credit, 2 1-2 hrs.

15s. **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, identities, etc. (Corresponds to mathematics number 13 of the 1928-29 catalogue.) Text: Shibli, Plane and Spherical Trigonometry. Hours to be arranged. Credit, 2 1-2 hrs.

17s. **Plane Analytic Geometry.** Topics studied are: fundamental notions, equations and their graphs, the straight line, circle, parabola, ellipse, hyperbola, properties of conic sections, transformation of co-ordinates, polar co-ordinates, higher plane curves, elements of curve fitting, etc. (Corresponds to mathematics number 24 of the 1928-29 catalogue). Text: Harding and Mullins, Analytic Geometry. Daily at 8:25. Credit, 2 1-2 hrs.

Modern Language

Professor Bila

1s, 2s, 3s. **Elementary French.** This is an elementary course in French designed to enable the student to understand the fundamental principles of French, phonetics, grammar, to read easy prose, and to write simple French sentences. The lessons include all of part I of Fraser and Squair's "New Complete French Grammar", about forty of the irregular verbs, Olmstead and Barton's "Elementary French Reader" and Labiche and Martin's "Le Voyage de M. Perrichon". Daily at 7:30, 9:20, 11:10. Credit 7 1-2 hours.

4s, 5s, 6s. **Intermediate** (Second Year German). Oral and written work. Review of grammar. Essentials of German—Vos; Nachlese—Diamond and Reinsch. With the reading of about 250 pages of such authors as Storm, Sudermann, Rosegger is combined practice in oral and written composition. Text: German Science Reader—Wait. Prerequisite, one year of German. Daily at 8:25, 10:15, 11:10. Credit, 7 1-2 semester hours.

Music

Professor Grosch

Students desiring work in music should communicate with Professor Grosch, Head of the Department of Music in William Jewell College, for private lessons.

Physical Education

Professor R. E. Bowles

3s. **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 arrangement of public school programs in physical education; principles of teaching gymnastics, supervision of playground activities, games, exercises. Hours to be arranged. Credit, 2 1-2 semester hours.

1s, 2s, 3s. **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 individual to the community. Daily at 9:20. Credit 2 1-2 hours.

Physics

Professor Davis

1s, 2s, 3s. **General Physics.** Students offering physics for entrance as well as those taking the subject for the first time are in this

class. The equivalent of 1, 2, and 3, is required of all others. Students offering physics for entrance may enter physics 2 without physics 1. Some of the main topics treated in this course are: mechanics, heat, sound, light, and electricity. Hours to be arranged. Credit, 7 1-2 hrs.

102s. **Special Methods in Teaching Science.** For description of course see Secondary Education.

Social Sciences

Professor Smith

History 8s. **American History.** A survey of the formation and development of the national life up to 1828. Identical with History 8 of general catalog. Daily at 9:20. Credit 2 1-2 hours.

History 3s. **Modern European History.** A survey of the civilization of Europe during the modern period, with emphasis upon the change in the institutional and cultural progress. Identical with History 3 of general catalog. Daily at 11:10. Credit 2 1-2 semester hours.

POLITICAL SCIENCE

Political Science 1s. A survey course, dealing with the principles of government, and an examination of the origins, organization and function of the national government of the United States. Identical with Political Science 1. Daily at 8:25. Credit 2 1-2 semester hours.

SOCIOLOGY

Sociology 31s. A general introduction to the study of society, with an examination of fundamental principles underlying group life, with an orientation into the literature in this field. Identical with Sociology 31. Daily at 10:15. Credit 2 1-2 semester hours.

Commercial Courses

Mr. Cochran

A. **Elementary Stenography.** This course includes Gregg Shorthand Typewriting. No previous knowledge of the subject required. Daily at 7:30.

B. **Advanced Stenography.** This course includes Gregg Shorthand and Typewriting. A prerequisite is the completion of the high school stenographic course or its equivalent. Office Training is taught in combination with this. Daily at 9:20.

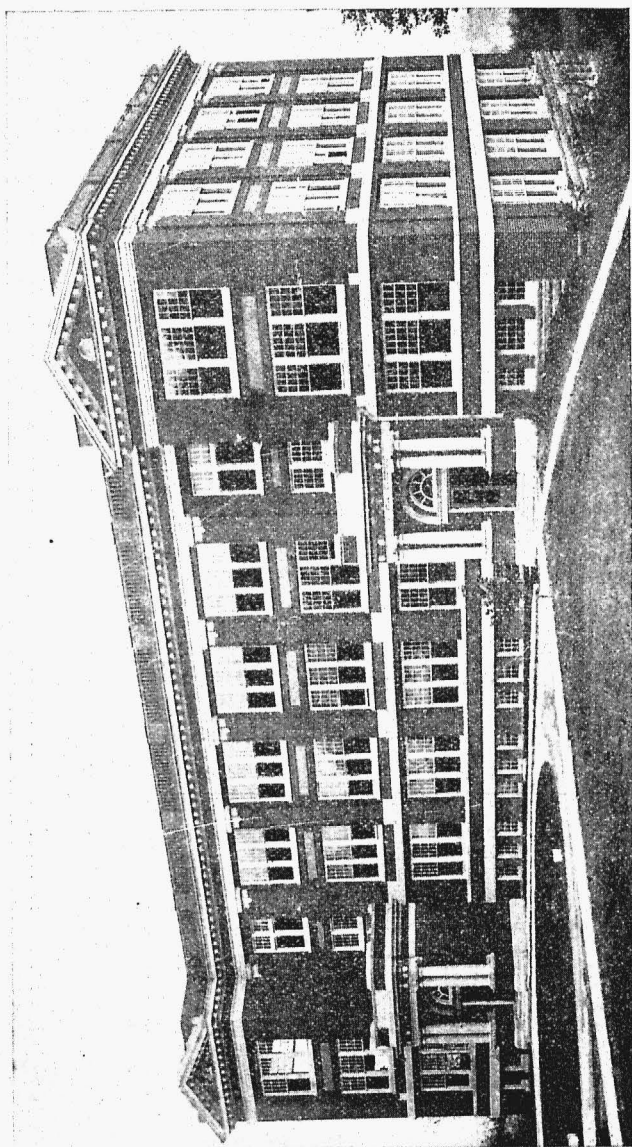
C. **Bookkeeping.** 20th Century. This course gives the principles of bookkeeping and practice sets are worked. Typewriting is included with this course. Daily at 1:15.

Typewriting may be taken separately. No college credit will be given. A small fee for practice on the machines will be charged.

SCHEDULE

COURSES	7:30	8:25	9:20	10:15	11:10	1:15	p. m., hrs, to be arranged*
Chemistry							29s, 21s, 22s, 23s
Commercial Courses	A		B			C	
Education { Elementary	28s			18s	105s		
{ Secondary	102s	14s,	33s, 123s	13s, 18s	15s		
English	15s, 16s, 17s		123s	41s	15s, 16s, 17s		
Latin and Greek	1ds, 2ds, 3ds	1cs, 2cs, 3cs 29s	1ds, 2ds, 3ds	1cs, 2cs, 3cs 40s	1ds, 2ds, 3ds	1cs, 2cs, 3cs	
Mathematics	11s	17s	33s				15s
Modern Language	1s, 2s, 3s	4s, 5s, 6s	1s, 2s, 3s	4s, 5s, 6s	1s, 2s, 3s, 4s, 5s, 6s		
Physics							1s, 2s, 3s.
Social Science		1s	8s	31s	3s		
Physical Education			1s, 2s, 3s				3s

*For days on which classes meet, see description of courses.



MARSTON SCIENCE HALL