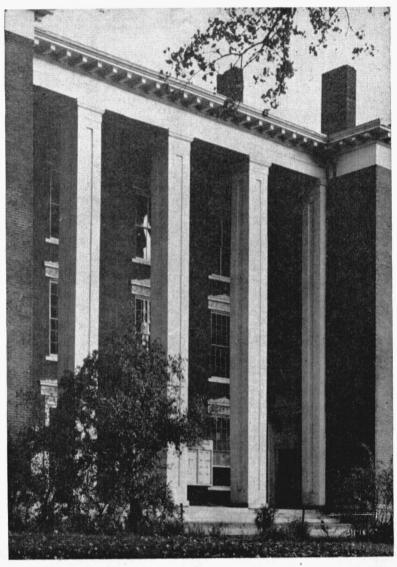
# Che Summer Cerm WILLIAM JEWELL COLLEGE LIBERTY, MISSOURI

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SUMMER TERM OPENS TUESDAY, MAY 28 SUMMER TERM CLOSES FRIDAY, AUGUST 9

THE SUMMER TERM 1946



JEWELL HALL

# Announcements SUMMER TERM 1946

William Jewell College
LIBERTY, MISSOURI FOUNDED IN 1849



Summer Term Opens Tuesday, May 28
And Closes Friday, August 9

# SUMMER TERM CALENDAR

Summer Term begins Tuesday, May 28
Registration Tuesday, May 28
Class work begins Wednesday, May 29
Registration permitted to Tuesday, June 4
Seven-week Courses close Friday, July 12
Summer Term closes Friday, August 9

# CALENDAR

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# **FACULTY**

WALTER POPE BINNS, 1943; President of the College.

A.B., Mercer University, 1918; Th.M., Southern Baptist Theological Seminary, 1923; D.D., Mercer University, 1929.

H. I. Hester, Th. D., Southern Baptist Theological Seminary.

Vice-President.

LEONARD ARTHUR DUCE, S.T.M.

Dean of the College.

J. B. Sullivan, Ph.D., The George Washington University.

Dean of the Summer Term.

### BIOLOGY

L. J. GIER, Ph.D., Duke University.

Head of Department, Professor of Biology, and Curator of the Museum.

### **CHEMISTRY**

Frank G. Edson, Ph.D., University of Colorado.

Head of Department and Professor of Chemistry.

### EDUCATION AND PSYCHOLOGY

J. B. Sullivan, Ph. D., The George Washington University.

Head of Department and Professor of Psychology and Education.

Thurston Isley, M.Ed., University of Kansas.

Professor of Education.

### **ENGLISH**

VIRGINIA DAVENPORT RICE, A.M., University of Kansas.

Assistant Professor of English.

ELISABETH HANSSEN, A.B., Park College. Instructor in English.

### GREEK

Frederick Milton Derwacter, Ph.D., University of Chicago. *Professor of Greek*.

### HISTORY

U. R. Pugh, Ph.D., University of Colorado.

Head of Department of History and Professor of History.

# **MATHEMATICS**

L. O. Jones., A.M., George Peabody College for Teachers.

Acting Head of Department and Professor of Mathematics.

### MODERN LANGUAGES

PAUL T. McCARTY, Ph.D., University of Wisconsin.

Head of Department and Professor of German and French.

Mrs. J. J. Bowman, A.B., Washington University, 1897. Instructor in Spanish.

# **PHYSICS**

D. V. LAFRENZ, A.B., William Jewell.

Instructor in Physics.

Graduate study University of Missouri.

# PHYSICAL EDUCATION

ROBERT EARL BOWLES, A.B., William Jewell.

Head of Department, Athletic Director and Coach.

Two summer's work at the University of Wisconsin and one summer at Lake Geneva, Wisconsin, in Physical Education. Coach School, Northwestern University, summer, 1933.

# SOCIAL SCIENCES

CLARENCE OTHELLE VAN DYKE, A.M., University of Kansas. Professor of Economics and Political Science.

## FOREWORD

Instead of the usual ten weeks summer session with ten semester hours of credit, William Jewell College is changing to a full term of work this summer (1946). This will make it possible for a student to earn eighteen term hours of credit during the entire summer term. This change seems desirable in view of the large number of returned service men now in attendance, and others who plan to enter college, and wish to complete the requirement for a degree as soon as possible. It will also enable the regular college student to earn more credit during the summer term and thereby hasten his graduation if he desires to do so.

# **PURPOSE**

The Summer Term is designed to meet the needs of the following persons:

- 1. Returned service men who desire to enter upon their educational work in the summer instead of waiting until the Fall Term.
- 2. College students who desire to earn additional credits in order that they may hasten graduation.
- 3. Teachers wishing to earn credits leading to the elementary or secondary certificates issued by the State Department of Education.
  - 4. Graduates of high schools wishing to pursue college work.

# TO TEACHERS AND PROSPECTIVE TEACHERS

The demand for teachers is urgent. This condition affords splendid opportunity for those individuals who are prepared to teach. For those now in service, there should be, with more preparation, many opportunities for advancement. Those who are preparing to enter upon a teaching career should find their services in demand if they are well prepared. The Summer Term will offer courses for both elementary and secondary school teachers. William Jewell's credits including the summer term are fully accepted by the State Department of Education towards meeting the requirements for teachers certificates.

# TEACHERS CERTIFICATES

Students who have completed the requirements for high school or elementary school teachers certificates may procure these certificates through the registrar's office at the College. A record of the student's credits will be sent to the State Department of Education at Jefferson City, Missouri, and the certificates will be issued from the Office of the State School Superintendent.

# SPECIAL FEATURES OF THE SUMMER TERM

The summer term offers certain features which should appeal to many students.

\*A course in First Aid and Hygiene.

\*One full year of work may be taken in any one of the following courses:

- a. English Composition.
- b. Modern Foreign Language.
- c. First Year Biology.
- d. First Year Chemistry.
- e. Greek.
- f. Mathematics.
- g. Physics.

# SPECIAL FEATURES OF THE SUMMER TERM

William Jewell College inaugurated a special plan for men and women who have served in the armed forces during World War II. A special committee appointed by the president made an extended study of the problems and of many other plans adopted by other colleges and universities. This committee formulated the William Jewell plan.

The William Jewell plan is administered by the Veterans Advisory Committee. All veterans who elect to come under the plan are under the supervision and authority of this committee.

The three principles governing the plan are:

- 1. Veterans because of their service to their country have had experiences and training which have given them maturity and understanding.
- 2. Veterans are allowed to complete the requirements for the A. B. degree as quickly as is consistent with good work.
- 3. Each veteran is considered as an individual case and the Advisory Committee is thus able to adjust courses to his particular needs.

The general requirements for admission are the same as for the regular school year. High school graduation, or its equivalent, is the minimum requirement for all students.

The plan operates on the basis of three categories. Each student is placed in the one which is best suited to his needs.

r. If a high school graduate had no college work before he entered the service, the Advisory Committee will try to arrange his program of courses so as to enable him to complete the requirements for the A.B.

<sup>\*</sup>In some cases a student may take other courses up to a maximum of eighteen hours including the one year of work mentioned above.

degree in three years, provided he is able to do the prescribed work satisfactorily.

2. If a veteran had one year of college work before entering the service, the Committee will try to arrange his courses so that he may be graduated in two years.

3. If a veteran has had two years of college work, the Committee will

try to make it possible for him to be graduated in one year.

However, the assignment to a category is dependent upon requirements in major subjects and upon satisfying the requirements for entrance to graduate and professional schools.

This plan does not call for acceleration, but for extra or additional

courses to be completed within the category.

Experience has shown that veterans in the first category often do better work in pursuing the courses of that category if they do not undertake too many courses during their first term. This often applies to those in the second category.

During the year the William Jewell Plan for Veterans has been in operation, it has proved satisfactory in serving the individual needs of many veterans.

# LOCATION :

William Jewell College is located at Liberty, Missouri, a beautiful town about fifteen miles from Kansas City. The College stands on a high hill overlooking the city of Liberty.

Liberty is a small town with 4000 population. However, because it is only fourteen miles from Kansas City, it has all the advantages of a large

city.

Liberty is served by three railroads. Highways 71, 33, and 69 serve the town. Frequent and adequate bus service connects with Kansas City.

# **EXCELSIOR SPRINGS**

One of the greatest watering resorts of the world is located fifteen miles from the campus. People from all over the United States and some foreign countries come to Excelsior Springs to use its mineral waters which are serviced by an elaborate million dollar system.

# KANSAS CITY NEARBY

The skyscrapers of Kansas City can be seen from the campus of William Jewell. Here, just across the Missouri River from Liberty, is one of the great metropolitan areas of the Middle West. More than a half million people live in Kansas City, Missouri, Kansas City, Kansas, and North

Kansas City. It is one of the important railroad centers of America. Its great airport is the crossroads of the world. The finest and best in entertainment come to Kansas City. The Nelson Art Gallery is one of the most famous in the United States.

# **FACULTY**

In the instructors who will serve on the faculty of the summer session, the students will find teachers who have and will take time for personal help and consultation. These professors are especially trained in their respective fields, and the same high quality of instruction that is found during the regular school year will be maintained during the summer term. In most instances the teachers are either heads or acting heads of departments.

# **ADMISSION**

Graduation or the equivalent of graduation from a fully accredited high school with not less than 15 specified units will admit a student to William Jewell College without condition, provided he ranks in the upper half of his class.

# 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 term hours.

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

# **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 55,307 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 the 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.

The Brown Gymnasium with its beautiful swimming pool and its many other recreational facilities will be available to summer school students.

# COST OF ATTENDING THE SUMMER TERM

Tuition and fees	\$95.00
Tuition and fees, one subject	23.00
Tuition and fees, two subjects	45.00
Graduation fee for seniors only	5.00
Board for the term	\$90.00
Room for the term	27.50
Key deposit (refund on return of key)	1.00

Melrose Hall, a dormitory for women students, will be open to women of the summer term who desire dormitory accommodations for summer school.

New Ely Hall, a dormitory for men, will be open to men students of the summer term.

# COURSES IN INSTRUCTION

# BIBLE

### Dr. HESTER

tors, 102s, 103s. Bible History. The aim of this course is to give the student a knowledge of Bible history. In the early part of the course attention will be given to introductory matters and to the history of the Old Testament through the period of the Judges. Following this a further study will be made of the Old Testament history and the interbiblical period. The latter part of the course will be devoted to a study of New Testament history. Texts: The Bible; A Syllabus for the Study of the Bible, Hester; Studies in the New Testament, Denham; Library References.

Credit, 6 term hours.

M., W., F. at 8:25 and 10:15.

108s. LIFE OF CHRIST. A careful study of the principal events in the life of Christ. Text: A Harmony of the Gospels, Robertson; The Christ of the Gospels, Shepard; Library References.

\*M., T., W., Th., F. at 11:10.

Credit, 4 term hours. Freshmen are admitted to this course.

# **BIOLOGY**

## Dr. GIER AND ASSISTANT

1018, 1028, 1038. First Aid and Hygiene. This course has been reorganized in such a way as to meet the needs of individuals who may in any way be connected with local, state, or national emergency work. This course will meet the requirement in Hygiene and Sanitation for graduation from William Jewell College. Students who have had the course in Hygiene and Sanitation may also take the work in First Aid in this course if they so desire.

†M., T., W., Th., F. at 7:30.

Credit, 3 term hours.

1118, 1128, 1138. General Biology. An introduction to fundamental scientific and biological principles and materials as related to everyday life and thought. Hours to be arranged.

Credit, 12 term hours.

<sup>\*</sup>After the first four weeks this class will meet only four times a week. †After the first three weeks this course will meet only three times a week.

# CHEMISTRY

Dr. Edson

104s, 105s. General Inorganic Chemistry. For those students who are majoring in chemistry or who intend to use chemistry in some vocational field. A study of the chemical elements and compounds, and the laws and principles which are fundamental to the advanced courses in chemistry. The courses are presented on a level which makes a previous course in high school chemistry highly essential. *Mathematics* 111 and 115 must accompany or precede this course.

Daily at 7:30 to 12:00. Credit, 12 term hours.

1078. QUALITATIVE ANALYSIS. The classwork 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 the anions and will include the qualitative analysis of various types of alloys. It will be chiefly semi-micro-analysis. One hour each week will be devoted to the working of problems.

Prerequisite, Mathematics 111 and 115. Credit, 5 term hours. M., T., W., Th., F. at 7:30 to 12:00.

# EDUCATION AND PSYCHOLOGY SECONDARY EDUCATION AND PSYCHOLOGY

PROFESSORS SULLIVAN, ISLEY AND JONES

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, learning, laws of learning, reasoning and problem solving, memory, attention, transfer of training, individual differences, intelligence, statistical measurement. Open to elementary and secondary teachers.

\*M., T., W., Th., F. at 10:15.

Credit, 4 term 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 a

<sup>\*</sup>After the first four weeks this class will meet only four times a week.

to other school subjects. The course is intended primarily for teachers, but others may be admitted with the consent of the instructor.

Credit, 4 term hours. Not offered in 1946.

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.

\*M., T., W., Th., F. at 7:30.

Credit, 4 term 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. Freshman not admitted.

\*M., T., W., Th., F. at 11:10.

Credit, 4 term 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 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. Open to elementary and secondary teachers.

\*M., T., W., Th., F. at 10:15.

Credit, 4 term hours.

3218. HISTORY AND PHILOSOPHY OF EDUCATION. A brief study of the educational systems of Greece and Rome and of the development of education during the Middle Ages. Special emphasis will be given to the development of educational systems of modern European nations.

Credit, 4 term hours.

\*M., T., W., Th., F. at 9:20.

329s. Intelligence Testing. This course deals with the techniques of group and individual testing, with emphasis on the Binet procedure. Also a study of the uses to be made of results in the classification

<sup>\*</sup>After the first four weeks this class will meet only four times a week.

and treatment of pupils. Classroom demonstrations in giving the test. Actual practice in giving, scoring, and interpreting the results.

\*M., T., W., Th., F. at 8:25.

Credit, 2 hours. Prerequisite, 318.

# **ELEMENTARY EDUCATION**

PROFESSORS SULLIVAN AND JONES

128s. Organization and Management of 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 for elementary certificate.

M., T., W., Th. at 10:15.

Credit, 3 term hours. (Not offered in 1946.)

1058. 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 to be studied, but an effort will be made to help 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.

†M., T., W., Th., at 7:30.

Credit, 3 term hours.

1078. 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, 3 term hours. (Not offered in 1946.)

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.

M., T., W., Th. at 9:20.

Credit, 3 term hours. (Not offered in 1946.)

<sup>\*</sup>After the first four weeks this class will meet only four times a week. †After the first three weeks this course will meet only three times a week.

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.

†M., T., W., Th., at 8:25. Credit, 3 term hours.

116s. CHILDREN'S LITERATURE. It is the aim of this course to give the prospective teacher knowledge and appreciation of these 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.

M., T., W., Th. at 8:25.

Credit, 3 term hours. (Not offered in 1946.)

210s. Supervised Practice Teaching in the Elementary Schools. This course will include directed teaching of regular classes correlated with an active program, with major emphasis upon the conduct of the recitation.

Hours to be arranged.

Credit, 3 term hours. (Not offered in 1946.)

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.

2118. Practice Teaching in the Elementary Schools. This is a continuation of Elementary Education 210s. (Not offered in 1946.)

318s. Educational Tests and Measurements. (See Secondary Education.)

# ENGLISH

# PROFESSORS RICE AND HANSSEN

115s, 116s, 117s. English Composition. This is the regulation grammar and composition course required of all freshmen and is similar to such courses in other colleges. Accuracy in written work is stressed, and special drill is given in vocabulary study. It will be possible to do the work of a full year during the summer, but this is suggested only for those who have had a good background in grammar and have a good vocabulary. For those who wish to take the work of three terms, it will be necessary to come at 7:30, 9:20, and 11:10. For those who wish only the first term (115)

<sup>†</sup>After the first three weeks this course will meet only three times a week,

class will meet at 8:25. Second term (116) will be offered at 9:20. Third term (117) will be offered at 11:10. Those who wish to take the last two terms will meet at 10:15 and 11:10.

Credit for three terms, 12 term hours. Credit for one term, 4 hours.

3048. Modern Poetry Since World War I. The study of the poetry of our modern age showing the effects of the social, religious, political and economic changes on American thought as expressed in the poetry of a democracy. The objectives are the understanding and appreciation of poetry as it expresses man's philosophy and emotion in our generation. The poetry of America is stressed, although the poetry of England is studied to show the parallels and contrasts. Text: *Modern English and American Poetry*, Untermeyer.

\*M., T., W., Th., F. at 7:30.

Credit, 4 term hours. Prerequisite, English 230b and 233. For Juniors. 309s. Modern Drama. The study of drama, with the consideration of its development from the Greek period, but with special emphasis on the development from Ibsen to the playwrights of our current theatre. Stressing conflict as it reveals character, this study gives the student a liberal education in human nature. The other course is designed to stimulate the individual to consider human motives, leading toward understanding of spiritual and materialistic tendencies in our civilization. Text: Modern Library Edition of Ibsen's Plays.

\*M., T., W., Th., F. at 8:25.

Credit, 4 term hours.

318s. The Development of Shakespeare as a Dramatist. The study of a master playwright, studying his England, its social, economic, political and religious trends, leads the student to know the greatest plays of each period in Shakespeare's development. The student learns to interpret Shakespeare and appreciate his greatest achievement, the creation of character. Text: Shakespeare, Craig.

\*M. T., W., Th., F. at 10:15.

Credit, 4 term hours.

2238. Public Speaking. This term includes the study of speech organization and the presentation of extemporaneous speeches in class. The purpose and psychological aspects of speech are considered; the student prepares and delivers before the class speeches which conform to the five main purposes of speech, to inform, to stimulate, to convince, to actuate, and to entertain.

<sup>\*</sup>After the first four weeks this class will meet only four times a week.

To think logically, to express the thought effectively, to adapt vocabulary and illustration to the group for whom the speech is intended, these are the objectives of this course. Prerequisite, English 115 and 116.

M., T., W., at 11:10, Credit 2 term hours.

3318. ORAL INTERPRETATION OF LITERATURE. The study of technique of oral expression by means of analysis and presentation of various types of literature. The aim is to give educative exercises for development of the individual. Emphasis will be placed on voice problems.

T., Th., F. at 11:10, Credit, 2 term hours.

# GREEK

## Dr. Derwacter

2218, 2228, 2238. SELECTIONS FROM XENOPHON'S ANABASIS, FROM THE HISTORY OF HERODOTUS, FROM THE ILIAD OF HOMER. (Second year Greek.) This course completes the requirement for a Minor in Greek. It also prepares students for entering Greek 311a, 312a, 313a (New Testament Greek), which will be given in 1946-1947, or advanced courses in Greek. Prerequisite: one year of elementary Greek.

M., T., W., Th., F. at 7:30, 9:20, 11:10. Credit, 12 term hours.

# HISTORY

## Dr. Pugh

1018. ORIGINS OF EUROPEAN CIVILIZATION. A survey of European civilization from the breakup of the Roman Empire to the discovery of America (500 to 1500). Such aspects of the present European crisis as the existence of many small unprotected nations and national minorities which date back to this period will be emphasized. For Freshmen.

\*M., T., W., Th., F., at 7:30. Credit, 4 term hours.

211S. RECENT AMERICAN. A survey of the course of United States history from the close of the Civil War to the present time. The course emphasizes social, political, economic and cultural developments in the life of America during this period. Special emphasis is placed upon problems which are more directly related to the present.

\*M., T., W., Th., F. at 8:25.

Credit, 4 term hours.

<sup>\*</sup>After the first four weeks this class will meet only four times a week.

2098. LATIN AMERICA. Studies in Latin American history and cultures. A historical survey of Latin American countries with particular emphasis upon recent developments in our economic and diplomatic relations with them. Topics of investigation will include (1) how the Monroe Doctrine has functioned in our relations with Latin America; (2) the development of a Pan-American Union; (3) the character of our early relations with Latin American countries; (4) The establishment of a good neighbor policy; (5) the concept of hemispheric solidarity in relation to World War II; (6) cultural and economic problems related to achievement of hemispheric solidarity.

\*M., T., W., Th., F. at 10:15.

Credit, 4 term hours. Prerequisite, History 103.

326s. The Far East. A survey course dealing with the development of the Far Eastern countries and territories, including China, Japan, India, the Phillippines, the Dutch East Indies, etc., with emphasis on the present day crisis.

\*M., T., W., Th., F. at 1015.

Credit, 4 term hours. Prerequisite, History 103.

3298. Europe Since 1930. A study of the various forces in Europe, out of which developed World War II and a study of the present international problems.

\*M., T., W., Th., F. at 11:10.

Credit, 4 term hours. Prerequisite, History 103.

# **MATHEMATICS**

# Professor Jones

1118. College Algebra. A rapid review of the fundamentals of high school algebra and linear equations, quadratic equations, determinants, inequalities, progressions, logarithms, mathematical induction, and other topics.

Text: College Algebra, Revised Edition, Hart.

M., T., W., Th., F. at 9:20.

Credit, 5 hours. Prerequisite, one unit each of algebra and plane geometry. For Freshmen.

115s. Plane Trigonometry. Topics considered are objects of trigonometry, functions of acute angle, logrithms, use of tables, solution of right

<sup>\*</sup>After the first four weeks this class will meet only four times a week.

triangles, reduction formulas, line value, radian measure, graphical representation, functions of a single angle, identities, inverse functions, as well as many other topics.

Text: Plane and Spherical Trigonometry, Shibli.

Credit, 5 hours. Prerequisite, one unit each of algebra and plane geometry. For Freshman.

M., T., W., Th., F. at 8:25.

1178. Plane Analytical 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, higher plane curves, elements of curve fitting, etc.

Text: Analytic Geometry, Wilson and Tracey.

Credit, 5 hours.

M., T., W., Th., at 11:10.

# MODERN LANGUAGE

DR. McCarty and Mrs. Bowman

One or two years of work in foreign languages from the courses listed below will be offered in accordance with demand.

101s, 102s, 103s. ELEMENTARY SPANISH. Pronunciation, grammar reading, and conversation. Reading from easy texts. Texts: First Spanish Course, Hills and Ford. M., T., W., Th., F. at 7:30, 9:20, 11:10.

Credit, 12 term hours.

204s, 205s, 206s. Intermediate Spanish. (2nd year) Brief review of fundamentals; practice in conversation; introduction to Spanish and Latin American literature and culture through extensive reading.

M., T., W., Th., F. at 7:30, 9:20, 11:10.

Credit, 12 term hours. Prerequisite, Spanish 103 or two years of high school Spanish.

1018, 1028, 1038. ELEMENTARY FRENCH. The essentials of grammar, careful pronunciation, practice in diction, composition and conversation. Intensive easy reading. Hours to be arranged.

Credit, 12 term hours.

204s, 205s, 206s. Intermediate French. (Second year French.) Drill in composition and grammar together with translation from Victor Hugo, Merimee, Maupassant and other French writers. Considerable practice in conversation. Further attention to French culture and to the importance of French in literature and art. Hours to be arranged.

Credit, 12 term hours.

# PHYSICAL EDUCATION

PROFESSOR R. E. BOWLES

1018, 1028, 1038. Physical Education Practical. Classes in the following forms of exercises will be organized: Swimming, tennis, indoor baseball, medicine ball, and other games. Required for graduation.

M., T., W., Th., F. Hours to be arranged. Credit, 1½ term hours.

110s, 111s, 112s. Principles of Physical Education. This is a fundamental course in physical education. It will deal with the history of physical education; curricula of physical education; development of programs in physical education; management and equipment of physical education programs.

M., W., F. at 8:25. Credit, 3 term hours.

107s, 108s, 109s. Principles of Coaching. Bibliography, history and development; equipment of teams, conduct of a season of football, basketball, baseball games, track, and field athletics.

No one will be recommended for a position as athletic coach or director of athletics who has not completed these courses.

‡T., W., and Th. at 8:25. Credit, 2 term hours.

# **PHYSICS**

### Mr. LAFRENZ

1018, 1028, 1038. General Physics. The purpose of these courses is to give information in the field of mechanics, heat, sound, light, and electricity to the students desiring a general education. Students offering Physics for entrance may be admitted to Physics 102 without Physics 101.

Hours to be arranged. Credit, 12 term hours.

# SOCIAL SCIENCES

### PROFESSOR VAN DYKE

341s. Political Parties. A study of the methods by which organized public opinion attempts to control legislation, with special emphasis upon the devlopment of the two-party system in the United States. The history

<sup>‡</sup>After the first three weeks this course will meet only two times a week.

# SCHEDULE

Courses	7:30	8:25	9:20	10:15	11:10	Hours to be arranged
1		101s, 102s, 103s			108s	Hours to be arranged
Chemistry	104s, 105s* 107s*					_
Education and Psychology		329s, 109s	3218	217s, 318s	3158	2
English	304s 115s, 116s, 117s	309s, 115s	115s, 116s, 117s	318s, 116s	115s, 116s, 331s 117s, 223s	
French						Hours to be arranged
Greek	221s, 222s, 223s		2218, 2228, 2238		2218, 2228, 2238	
History	IOIS	2115		209s, 326s	329s	2
Mathematics		115s	IIIS		1178	
Physical Education	1015, 1025, 1035	110s, 111s, 112s 107s, 108s, 109s				-
Physics						Hours to be arranged
Social Science	341s	307s	2018		304s	
Spanish	101s, 102s, 103s, 204s, 205s, 206s		101s, 102s, 103s 204s, 205s, 206s		101s, 102s, 103s 204s, 205s, 206s	

A period for chapel will be arranged after opening of term