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**HARDING**  
UNIVERSITY



16  
A Campus of Restful Beauty

BULLETIN  
**HARDING COLLEGE**  
SUMMER QUARTER

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# BULLETIN HARDING COLLEGE

## CALENDAR

Registration	- - - - -	June 2
Class Work Begins	- - - - -	June 3
Holiday	- - - - -	July 4
First Term Examinations	- - - - -	July 5
Second Term Examinations	- - - - -	August 8

## TWO TERMS

The work of the summer quarter is organized upon the basis of two terms for the sake of those teachers who must drop out for summer schools through July and August. Courses are arranged so that students may enter for the second term if necessary without having attended the first term. The fuller program of work, however, usually starts with the first term.

## PURPOSE

The summer session meets the needs of two classes of students. In-service teachers who may need additional work to renew certificates, and prospective teachers who are completing the requirements for certificates will find those courses in the Summer quarter that will meet their needs.

The second class includes those teachers or other students who are pursuing work toward their degrees. It is a waste of time to spend only nine months in school when the regular work is continued through the summer quarter also. Many students complete the four-year college course in three years and three summers, and save the cost of an entire year.

## FACULTY FOR THE SUMMER SCHOOL

GEORGE STUART BENSON,

B. A., B. S., M. A., LL. D. .... President

LLOYD CLINE SEARS,

B. A., M. A., Ph. D. .... Dean

JOHN LEE DYKES,

B. A., M. A. .... Director of the Summer School

Professor of Mathematics

WILLIAM KNOX SUMMITT

B. A., M. A., Ph. D. .... Registrar

Professor of Education

FLORENCE M. CATHCART,

B. A., .... Dean of Women

Instructor in Primary Education

CYRIL E. ABBOTT, B. S., M. S., Ph. D.

Professor of Biological Sciences

SAMUEL ALBERT BELL, B. S. (M. S.)

Professor of Bible and Religious Education

Assistant Professor of Biological Sciences

NEIL B. COPE, B. A., M. A.

Associate Professor of English

MARY McKITTRICK, B.A., M.A., Ph.D.

Professor of French and German.

ERNEST W. GIBSON, B.A., M.A.

Professor of Business Administration

B. FRANK RHODES, B. A., M. A.

Professor of Social Sciences

HUGH HARVEY RHODES, B.A.

Instructor in Physical Education.

CHARLES C. SNOW, B. S., M. S., Ph. D.

Professor of Physical Sciences

### FACULTY AND WORK

The faculty for the summer session consists of the regular teachers and heads of departments, and the courses given are held to the same standards as courses offered during the winter quarters. The more limited program of extra-curricular activities during the summer allows even more time for study. Classes are for the most part arranged for the mornings in order to leave the afternoons as free as possible for intensive study and for recreation.

### RECREATION

The summer quarter, in many ways, is the most pleasant of the entire year. The campus is covered with beautiful oaks under whose heavy shade are restful seats for out-door study. Three concrete tennis courts are popular spots in the afternoons and evenings, and the swimming pool is delightfully cool and refreshing. Various other sports are encouraged, including softball, archery, table tennis, etc.

Searcy is near the foothills of the Ozarks and there are many attractive places for outings and mountain climbs. Just east are Lakes Doniphan and Barber, north and west is the Little Red River with the beautiful mountainous country through which it flows, and farther away still is Petit Jean Mountain with its state park, college lodge, and mountain hotels. Opportunity is given for visiting these various places of interest.

### SPECIAL REQUIREMENTS FOR TEACHERS

The revision of state requirements for teachers' certificates is making it necessary for nearly all teachers to take further college work in special courses. The summer terms seek to meet this need. During the present summer quarter the new courses now required of every teacher in the state include the following:

Biol. 100 CONSERVATION OF NATURAL  
RESOURCES ..... 3 Hrs.

Biol. 101 SURVEY IN BIOLOGICAL SCIENCES .....	4 1-2 Hrs.
Phys. Sc. 100 SURVEY IN PHYSICAL SCIENCES .....	4 1-2 Hrs.
Soc. 101, 102 SURVEY IN SOCIAL SCIENCES	9 Hrs.
Hist. 101, 102 INTRO. TO CONTEMPORARY CIVILIZATION .....	9 Hrs.
Ph. Ed. 120 HEALTH AND SAFETY .....	3 Hrs.
Ph. Ed 150 PERSONAL HYGIENE .....	3 Hrs.
Ph. Ed. 153, or 205 SUPERVISION OF PLAYGROUND ACTIVITIES ....	3 Hrs.
Ed. 140, 150, or 240, 250 DIRECTED TEACHING .....	7 1-2 Hrs.
For elementary teachers the following is also required:	
Math. 110 SOCIALIZED MATHEMATICS	4 1-2 Hrs.

### TEACHERS' CERTIFICATES

Teachers' Certificates of various types are issued by the State Department of Education on the basis of the work completed. Students working toward any one of the different certificates should on enrollment consult the head of the department of education to be sure that they are fulfilling the requirements for such certificate.

The registrar will assist any student who desires to secure the certificate or to secure a renewal of his old certificate.

Teachers' Certificates may be secured for our students in other states as well as in Arkansas. In this case also the students should consult the head of the education department that he may be sure he is completing the requirements of his state.

Certificates in Arkansas are as follows:

- I. Three-Year Elementary Certificates.
- II. Four-Year Elementary Certificates.
- III. Six-Year Elementary Certificates.
- IV. Secondary School Certificates for Junior and Senior High Schools and for various fields of teaching including business administration.
- V. Music Certificates.
- VI. Certificates for Administrators and Supervisors.

### REQUIREMENTS FOR DEGREES

Requirements for the Bachelor of Arts, the Bachelor of Science, and the Bachelor of Music Degrees are outlined in the regular catalog, which may be had upon request.

### EXPENSES

It has been our intention to keep the expenses at Harding as low as possible and at the same time give our students the

advantage of the strong faculty and the excellent equipment that the school offers.

For the Whole Quarter		For Half Quarter	
College Academy		College	
Tuition .....	\$40.00    \$10.00	Tuition .....	\$24.00
Entrance fee .....	3 00    no fee	Entrance fee .....	1.50
Activity fee .....	3.00    2.00	Activity fee .....	1.50
Library fee .....	1.50    1.00	Library fee .....	1.00
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\$47.50    \$13.00		\$28.00	

The regular load for college students consists of fifteen quarter hours and Bible, for the half quarter eight hours and Bible. For additional work a charge of \$3 per quarter hour is charged.

### ROOM AND BOARD

All boarding students are required to room in one of the college dormitories and take their meals at the college cafeteria.

Room for girls in Pattie Cobb Hall, the new fireproof dormitory, are \$6 and \$7 per month. The \$7 rooms have connecting baths or private baths.

All rooms in the boys' dormitory are \$5 a month.

There are a limited number of light housekeeping apartments for families, furnished except for linens. These rent for \$15 a month.

The college cafeteria gives the most excellent service at a minimum of cost. Meals at the cafeteria are given on the basis of \$17 a month.

### COURSES OF STUDY

Additional courses may be offered if there is sufficient interest.

#### BIBLE

##### 101. MATTHEW ..... 1 2-3 Hours

A study of the first gospel as to its historical situation, content and purpose.

##### 102. THE ACTS ..... 1 2-3 Hours

A study of the establishment and development of the church under the leadership of the apostles.

OR

##### 103 HEBREWS ..... 1 2-3 Hours

A careful study of the historical situation and the doctrinal content of the treatise to the Hebrews.

##### 104. THE PENTATEUCH ..... 1 2-3Hours

A study of the inspired account of the beginning of things, of the Patriarchs, and of the Law. The five books of Moses are studied as closely as time permits.



OR

106 RESTORATION AND INTERBIBLICAL  
HISTORY ..... 1 2-3 Hours

A study of Jewish history from the coming out of Babylon to the birth of Christ. Ezra, Esther, Nehemiah, Daniel, and most of the books of the Apocrypha are studied.

## 203. FIRST AND SECOND CORINTHIANS, 1 2-3Hours

A consideration of the founding and historical connections of the Church at Corinth. A topical outline and an interpretation of Paul's Corinthian epistles.

OR

## 301 SHORTER EPISTLES OF PAUL ..... 1 2-3 Hours

First Thessalonians, Second Thessalonians, Galatians, the four "Prison Epistles" are taken up in the order in which they were written.

## BIOLOGICAL SCIENCES

100 CONSERVATION OF NATURAL  
RESOURCES ..... 3 Hours

Required of all teachers by special act. Covers the conservation of the soil, forests, wild life, minerals, water power, and other natural resources.

## 101 BIOLOGICAL SURVEY ..... 4 1-2 Hours

Required of all teachers, and prerequisite to all later courses in biology. Consists of a systematic survey of the entire field of biological sciences and their relation to other sciences and to life.

## 102 ANIMAL BIOLOGY ..... 5 Hours

A study of the principles of animal biology and of the biological problems which are of value to the citizens and the community. A detailed study will be made of the properties and activities of protoplasm, and of the structure and physiology of the cells as the basis of living animals.

## 206 HUMAN ANATOMY- PHYSIOLOGY .... 5 Hours

A study of the structure, function and relationship of the various parts of the human body.

OR

## 108, 109 BACTERIOLOGY ..... 6 Hours

An introductory course in Bacteriology dealing with the morphology and physiology of the most important groups of bacteria.

## 227 TEACHING OF SCIENCE ..... 3 Hours

A practical course in the aims and methods of teaching high school sciences. Required of those planning to teach science in high schools.

OR

108 SCIENCE AND NATURE STUDY IN  
ELEMENTARY GRADES ..... 3 Hours

This course deals with the history, philosophy, aims, and methods of science teaching including such conservation instruction as can be given children of the elementary school level. This or 227 is required of all elementary teachers.

BUSINESS ADMINISTRATION

102, or 104 STENOGRAPHY ..... 4 Hours Each

This course covers the fundamental principles of Gregg shorthand. Special emphasis is placed on phonetics and shorthand penmanship.

105, 106, 107. TYPEWRITING ..... 3 Hours Each

Students will be taught proficiency in typing, including accuracy and speed, together with an understanding of the various business forms most commonly used. Fee \$3.50.

108 or 109 ACCOUNTING ..... 4 Hours Each

Ed. 228 TEACHING COMMERCIAL

SUBJECTS ..... 3 Hours

A course covering methods and materials for commercial subjects in secondary schools. It precedes practice teaching in commerce, and is required of those who plan to teach commercial work in high schools.

EDUCATION and PSYCHOLOGY

102. EDUCATIONAL PSYCHOLOGY ..... 3 Hours

A study of the basic facts and principles of human behavior; man's equipment for learning; the learning process; and the application of the principles of behavior and the laws of learning to the problems of the classroom teacher. First term.

OR

103. CHILD PSYCHOLOGY ..... 3 Hours

A study of the principles of the development of the normal child with practical application to the problems of the classroom teacher. First Term.

104. INTRODUCTION TO TEACHING .... 3 Hours

An intensely practical course in methods of teaching in primary and elementary grades, together with observation of classroom work. First Term.

OR

200. TECHNIQUE OF TEACHING IN THE  
SECONDARY SCHOOLS ..... 3 Hours

A course in the methods of teaching in the secondary schools together with observation of classroom work. First Term.



105. MATERIALS AND METHODS IN  
ELEMENTARY SCHOOLS ..... 3 Hours

This course includes the teaching of reading, writing, spelling, language, and literature in the primary grades. To be offered each term.

106. TEACHING OF ARITHMETIC ..... 3 Hours

Course in methods and materials useful in teaching arithmetic to elementary school children. Second Term.

OR

108. SCIENCE AND NATURE STUDY IN  
ELEMENTARY GRADES ..... 3 Hours

This course deals with the history, philosophy, aims, and methods and materials of science teaching including such conservation instruction as can be given children of the elementary school level. Second Term.

201. PRINCIPLES OF SECONDARY  
EDUCATION ..... 3 Hours

A study of the fundamental principles underlying secondary education. First Term.

OR

202. THE TEACHER AND SECONDARY  
SCHOOL ADMINISTRATION ..... 3 Hours

The problems of secondary school administration from the point of view of the classroom teacher. First Term.

203. HIGH SCHOOL SUPERVISION ..... 3 Hours

A practical course dealing with the problems of the nature and organization of supervision and the types of supervisory service. Second Term.

OR

204. TESTS AND MEASUREMENTS ..... 3 Hours

A study of the construction and use of achievement examinations with major emphasis on tests in the secondary field. Second Term.

205. ADOLESCENT PSYCHOLOGY ..... 3 Hours

A study of the developmental behavior of boys and girls of the "teen" age. Second Term.

OR

216. VOCATIONAL AND EDUCATIONAL  
GUIDANCE ..... 3 Hours

This course deals with the principles and techniques of guidance in human growth and development. Second Term.

224. TEACHING ENGLISH ..... 3 Hours

A course dealing with the problems and difficulties found in the teaching of High School English. To be offered either the first or second term depending on demand.

## 226. TEACHING THE SOCIAL SCIENCES .. 3 Hours

A course in the methods and materials for the teaching of history and the social sciences in high school. To be offered either the first or second term depending on demand.

## 227. TEACHING THE SCIENCES ..... 3 Hours

A practical course in the aims and methods of teaching high school sciences. To be offered either the first or second term depending upon demand.

## ENGLISH

101, 102, 103. FRESHMAN ..... 3 Hours Each  
COMPOSITION.

A study of the principles of composition and English usage with written work throughout the course.

## 105, 106. HISTORY OF ENGLISH

## LITERATURE ..... 4 1-2 Hours Each

A comprehensive survey of the growth and development of English literature from the earliest times to the present.

## 120 CHILDREN'S LITERATURE ..... 4 1-2 Hours

A study of the various types and sources of children's literature.

## 210, 211. SURVEY OF AMERICAN

## LITERATURE ..... 5 Hours Each

A comprehensive survey and study of the historical background, the development, and the significance of American literature.

## 201. ELEMENTARY JOURNALISM ..... 5 Hours.

The fundamentals of gathering and writing news; the work of press associations; news values.

## FRENCH

## 101, 102, 103 ELEMENTARY FRENCH ..... 15 Hours

Thorough drill in French grammar and exercises in conversation, composition and reading.

## 104, 105, or 106 INTERMEDIATE FRENCH. 15 Hours

Grammar review, composition, and conversation with readings from modern French writers.

## GERMAN

## 101, 102, 103. ELEMENTARY GERMAN .. 15 Hours

A systematic study of German grammar with persistent exercise in conversation and composition together with the reading of simple classics.

## MATHEMATICS

## 101 ALGEBRA ..... 5 Hours

Designed for students presenting less than one and a half entrance units in algebra.

## 110 SOCIALIZED MATHEMATICS ..... 4 1-2 Hours

Required of teachers working toward advanced element-

ary certificates. The course consists in the practical application of mathematics to various life situations.

210 COLLEGE GEOMETRY ..... 5 Hours

Metric theory of planes, lines, and quadric surfaces in Euclidean three-dimensional space, emphasis on the use of determinants and matrices.

### MUSIC

114 or 242 GRADES SCHOOL MUSIC

METHODS ..... 3 Hours Each

Designed for those preparing to teach in grade schools.

101, 102, 103 FIRST YEAR PIANO .... 2 Hours Each

104, 105, 106 SECOND YEAR PIANO .. 2 Hours Each

### OPPORTUNITY FOR PHYSICAL EDUCATION TEACHERS AND COACHES

Under the new curriculum the high schools of the state are encouraged to add a more complete program of physical education. The effort is to get away from the practice of centering all interest on a few athletes only, but to build up instead a program that will include every student in some type of health-building activity.

For this purpose the State Department is permitting high schools to offer one-fourth unit of credit for physical education each year, provided the instructor has a minimum of nine quarter hours in the proper physical education courses.

Harding College has, during the past few years built up an outstanding physical education department, with a complete program of intramural and playground activities. This summer under efficient instruction, teachers may secure the courses required to qualify them for giving this credit work in physical education. A complete intramural program will be included together with a unit of curricular playground work so that teachers may participate in the organization and supervision of such a program. We believe no more complete program will be offered within the state this summer. Activities will include basketball, baseball, soft ball, tennis, archery, badminton, football, swimming, riding, golf, etc. Special attention will be given to the organization of school sports and the organization and supervision of public playground activities.

### PHYSICAL EDUCATION

101, 102, 103 RECREATIONAL ACTIVITIES 1 Hour  
Each

Instruction and participation in various games of a recreational nature. Tournaments will be held in the various activities. Both men and women.

**120 HEALTH AND SAFETY ..... 3 Hours**

A study of the problems of health and safety with application to the individual, the community, and the state, together with procedures for instruction in health and safety in schools. Required of all teachers.

**130 PERSONAL HYGIENE ..... 3 Hours**

Application of the findings of science and medicine to daily living. Required of all teachers.

**153 DIRECTION OF PLAYGROUND****ACTIVITIES FOR CHILDREN .... 3 Hours**

A physical education program for elementary grade levels. Selection of games, methods of instruction, and organization for play. Required of all elementary school teachers.

**205 DIRECTION OF PLAYGROUND****ACTIVITIES—SECONDARY ..... 3 Hours**

A physical education program for high school levels, including the selection of games, methods of instruction, and organization. Required of all teachers in secondary schools.

**201 COACHING OF BASKETBALL ..... 2 Hours**

The course covers interpretation of rules, techniques in defense and offense, fundamentals of passing, shooting and dribbling, play situations, and tournament directing. Both men and women.

**250. DIRECTING INTRAMURAL ACTIVITIES 3 Hrs.**

Methods of promoting intramural activities. Individuals, and group organization of activities for gymnasium, playground, and athletic field. Methods of organizing programs to meet all conditions. Both men and women.

**PHYSICAL SCIENCES****100. PHYSICAL SCIENCE SURVEY ..... 4 1-2 Hours.**

An introduction to the various physical sciences and their place and importance in our present civilization. Visual and laboratory demonstration of scientific data and processes.

**201, 203. ORGANIC CHEMISTRY ..... 5 Hours Each**

A study of the methods of preparation and properties of the more important organic compounds.

**205. QUANTITATIVE ANALYSIS ..... 5 Hours**

A study of the most important methods in elementary gravimetric analysis, chemical calculations, etc.

**SOCIAL SCIENCES****Hist. 101, 102, 103. SURVEY OF CIVILIZATION****9 Hours**

An attempt to interpret our present civilization through a survey of its foundations in the past and their causal relation to the present. Required of all teachers.



**Hist. 207. CONTEMPORARY EUROPE . . . . . 5 Hours.**

This course deals specifically with the epoch-making events that began with the World War in 1914 and includes development down to the present time. Prerequisite 107.

OR

**Hist. 201. HISTORY OF ENGLAND . . . . . 5 Hours**

This course deals with the fundamentals of the political, religious, literary, and economic activities of the English people and the development of English institutions to the present time.

**Hist. 211. CRITICAL PERIOD IN AMERICAN HISTORY . . . . . 3 Hours**

The close of the Revolutionary War, the weakness of the Articles, the feeling of disunion, international complications, and the formation of a new constitution. Prerequisite 107.

**Hist. 217 THE RECONSTRUCTION PERIOD . . . . . 3 Hours**

The various theories of reconstruction receive adequate treatment. An understanding is sought for the constitutional and economic phases of the period. Prerequisite 107.

**Soc. 101, 102, 103. SOCIAL SCIENCE SURVEY 9 Hours**

A survey of our present social system, including its organization into communities, states, and races, and the fundamental problems which affect the social organization, such as human relations and law, commerce, finance, natural resources, geographical influences, etc.

### HIGH SCHOOL COURSES

For high school students the opportunity to complete the high school course in three years rather than four is offered by the summer school. Many students are finding this saving of time very desirable.

Algebra . . . . . 1 Unit	Third Yr. English . . 1 Unit
Bible . . . . . ½ Unit	Fourth Yr. English . . 1 Unit
Plane Geometry . . . 1 Unit	Civics . . . . . 1 or ½ Unit
Adv. Arithmetic . . . 1 Unit	American History . . 1 Unit
General Science . . . 1 Unit	World History . . . . 1 Unit
Biology . . . . . 1 Unit	Shorthand . . . . . 1 Unit
First Yr. English . . . 1 Unit	Typewriting . . . . . 1 Unit
Second Yr. English . . 1 Unit	Bookkeeping . . . . . 1 Unit

Academy students must enroll for the entire quarter in order to complete the high school courses.

The regular load of high school students is one and one-half units of new work, or two units when part of the work is review of courses in which the student may have failed.

Classes will be opened in all subjects having sufficient enrollment.