

COLORADO STATE TEACHERS COLLEGE

# Bulletin



## SUMMER QUARTER

June 14---August 23

(First Half Begins June 14---Second Half Begins July 21)

1930

GREELEY, COLORADO

SERIES XXIX

FEBRUARY

NUMBER 11

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## IMPORTANT ANNOUNCEMENT

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### THE SUMMER QUARTER OPEN TO ALL

Any person twenty years of age or over, whether a high school graduate or not, may enroll in the College for the summer quarter and take such subjects as he is interested in and able to carry. A record of attendance and a list of the subjects taken will be kept. College credit toward graduation is given only to those who meet the entrance requirements as stated on pages 16 and 17. Students who attend the summer quarter without submitting high school credentials may later present these and have their marks previously earned transferred to the regular credit records of the College.

Those students who consider themselves candidates for graduation should make sure that proper matriculation has been effected. Since the summer quarter is open to all, students who have attended during summer quarters only should not assume that their admission has been formally determined. Your case may need adjustment under current credit standards. In the case of students who entered and earned credit prior to September 1, 1929, care should be taken to determine whether an adjustment is required. (See pages 16, 17, 18, 19, under heading "Admission." A matriculation fee of \$5.00 is charged. This covers all tests, transfer of records, etc. Those students who desire to matriculate and to become candidates for graduation should give notice of such desire at the time of temporary registration.

The number of students who wish merely to audit classes must necessarily be limited on account of lack of room. Students enrolled for credit must be given preference. Any student desiring to enter as an auditor for one or more classes must secure a special permit from the registrar. Fees are the same as for the course when taken for credit.

The College, as usual, divides the summer quarter into two equal half-quarters for the convenience of the few students who can attend for only a part of the time. Only those courses which are designated "First Half," "Second Half," or "Either Half" carry credit for less than the full quarter. All other courses must be carried for the full quarter, if taken for college credit. Note: A required course should not be taken for half credit by a candidate for graduation.

### PERSONAL CHECKS

All students not identified at the Greeley banks are urged to bring letters of credit or sufficient money in travelers' checks to pay all bills until such time as they may be able to transfer their account to Greeley or make arrangements with the Greeley banks to cash their checks. All regular college bills, such as tuition, dormitory rent, and music, may be paid by the personal check of the student provided it is made out for the amount of the bill. The college is always willing to help out in all financial matters but does not assume the responsibility of cashing students' personal checks.

### EVENING LECTURES AND SPECIAL LECTURE COURSES

See the notice concerning the afternoon and evening lectures under Special Courses of Lectures, on page 13.

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COLORADO STATE TEACHERS COLLEGE

# Bulletin

Summer Quarter  
1930

THE QUARTER

June 14-August 23

First Half  
June 14-July 19

Second Half  
July 21-August 23

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Current numbers of any of the College Publications may be had on application  
to the President of the College, Greeley, Colorado

## ORDER OF REGISTRATION

All students who expect to be in attendance for the full quarter should make up a program for the full quarter. Fees may be paid all at once, or, for the student's convenience, in two parts, namely, one-half on the designated dates of permanent registration for each half quarter.

### I. TEMPORARY REGISTRATION

Temporary registration will take place in Gunter Hall Saturday, June 14, beginning at 7:00 A. M.

Class cards will not be given out until the opening date of permanent registration. The following blanks will be provided:

1. Personal data cards
2. Temporary enrollment card

The personal data card must be filled out each quarter.

The temporary enrollment card when completed shows your proposed schedule of classes. Do not make changes in your originally approved schedule without referring such changes to your adviser.

Class tickets are used when the enrollment in any class is limited. A complete list of limited classes will be found in the printed instructions which you will receive as a part of the registration material. Tickets are not valid if presented to teachers after first recitation unless other arrangements are made with the registrar.

When the student presents himself for registration, detailed printed instructions will be supplied.

Students who desire to matriculate and become candidates for graduation should give notice of such desire at this time.

### II. PERMANENT REGISTRATION

The "Student's Daily Schedule" and "Class Cards" (permanent blanks) will not be given out until after June 14. Attend classes by presenting the Temporary Enrollment Card to teachers until you, your adviser, and teachers are satisfied with the proposed schedule. If you are ready to transfer to permanent blanks June 18, the opening date of permanent registration, do so. Permanent registration, which includes payment of fees, will be conducted through the offices in the Administration Building on the following dates: June 18, 19, 20.

### III. LATE REGISTRATION

A late registration fee of \$1.00 will be charged if temporary registration has not been completed and approved by 4:00 P. M., June 14. Transfer to the permanent blanks must be completed by 4:30 P. M., June 20, the closing date of permanent registration, or another fee of \$1.00 will be imposed. The same late registration fees will be charged for the second half of the quarter.

Except by special permission of the registrar, no student, after the first quarter of work who registers after the first day of the quarter, shall, under any consideration, be allowed to take more than sixteen hours of work. If the student is more than two days late, the total number of hours on his program will be reduced in proportion to the time lost.

### IV. LEAVING BEFORE FINAL EXAMINATIONS

Any student absent from class on the last day of the quarter will have his quarter report for that class turned in as "failure," unless he has written permission from the vice-president of the College to leave before the close of the quarter. Application for such a permit shall be made in writing. No teacher has authority to excuse a student from any class before the close of the quarter.



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## SPECIAL FACULTY AND GENERAL LECTURERS

SUMMER QUARTER, 1930

- DR. ELLWOOD P. CUBBERLEY, Dean of the School of Education, Leland Stanford Junior University. Courses in Education, and Lecturer.
- DR. FRANKLIN G. EBAUGH, Director of Colorado Psychopathic Hospital, Denver, Colorado. Courses in Psychology.
- DR. F. L. FITZPATRICK, Head of Zoology Department, Coe College, Cedar Rapids, Iowa. Courses in Biology.
- DR. CURTIS MERRIMAN, Professor of Educational Psychology, University of Wisconsin. Courses in Psychology.
- DR. GEORGE S. COUNTS, Associate Director of the International Institute, Teachers College, Columbia. Courses in Education.
- DR. EDWARD HOWARD GRIGGS, Orchard Hill, Croton-on-Hudson, New York. Lecturer.
- DR. GEORGE EARLE RAIGUEL, Physician and Lecturer, Philadelphia, Pennsylvania. Lecturer.
- DR. JESSE SEARS, Professor of Education, Leland Stanford Junior University. Courses in Education, and Lecturer.
- DR. RALEIGH SCHORLING, Professor of Education and Supervisor of Directed Teaching and Instructional College of Education, University of Michigan. Courses in Education.
- MR. MARQUES E. REITZEL, Professor of Fine Arts, Rockford College, Rockford, Illinois.
- DR. S. R. POWERS, Professor of Natural Sciences, Teachers College, Columbia. Courses in Biology.
- DR. J. H. NEWLON, Principal of Lincoln School, Teachers College, Columbia. Courses in Education, and Lecturer.
- DR. MERLE PRUNTY, Superintendent of Schools, Tulsa, Oklahoma. Courses in Education.
- MISS GLADYS POOLE, Professor of Psychology, State Teachers College, Trenton, New Jersey. Courses in Psychology.
- MISS LOUISE NABER, Supervisor of Art Education, Phoenix, Arizona. Courses in Art.
- MISS PHOEBE KANDEL, St. Joseph's Hospital, Creighton University, Omaha, Nebraska. Courses in Nurse Teacher Training.
- MR. A. E. SHIRLING, Professor of Natural Sciences, Kansas City Teachers College, Kansas City, Missouri. Courses in Biology.
- MISS JESSIE HAMILTON, Principal, Morey Junior High School, Denver, Colorado. Courses in Education.
- MR. A. M. HINDS, Supervisor of Penmanship, Louisville Public Schools, Louisville, Kentucky. Courses in Commercial Education.

- MR. R. L. HUNT, Superintendent of Schools, Director of Secondary Education, Eastern State Teachers College, Madison, South Dakota. Courses in Education.
- MISS ANN ARVIDSON, Head of Biology Department, Iberia College, Iberia, Missouri. Courses in Biology.
- MR. R. D. McCLINTOCK, Superintendent of Schools, Julesburg, Colorado. Courses in Education.
- MISS MYRA THOMAS, Consolidated Schools, Ault, Colorado. Courses in Art.
- MR. PAUL ESSERT, Principal of Junior High School, Sterling, Colorado. Courses in Education.
- MR. G. KENT McCAULEY, Superintendent of Schools, Las Animas, Colorado. Courses in Education.
- MR. I. E. STUTSMAN, Superintendent of Schools, Greeley, Colorado. Courses in Education.
- MR. F. A. OGLE, Superintendent of Weld County Schools, Greeley, Colorado. Courses in Education.

# COLORADO STATE TEACHERS COLLEGE

Summer Quarter, 1930

Training teachers for public school service is the mission of Colorado State Teachers College. Being supported by public taxation of all the property of the State of Colorado, the College aims first to prepare teachers for all the kinds of public schools maintained within the State of Colorado. This includes rural schools, kindergartens, primary, intermediate grades, upper grades, junior high schools, and senior high schools. The College also accepts the responsibility of training supervisors for rural schools, principals, superintendents, teachers of home economics, industrial arts, fine and applied arts, training teachers, teachers of defective and atypical children, and teachers for adult night schools.

While the College is supported for the training of Colorado teachers, it welcomes students from any state or country and sends its teachers wherever they may be called. Students come to Colorado State Teachers College from many states, and its graduates go in large numbers into the neighboring states and in smaller numbers into distant states and countries.

The College recognizes as its plain duty and accepts as its function the training of students to become teachers in every type of school at present supported by the state, to meet all the demands of the public school system, to forecast those improvements and reforms which the evolution of public systems of education is to bring about in the immediate future, and to train teachers to be ready to serve in and direct the new schools which are in the process of being evolved.

## LOCATION

Teachers and students who have attended Colorado State Teachers College know of the beautiful campus and ideal location of the College. For the benefit of thousands of others into whose hands this issue of the bulletin is sent, the following information is given:

The College campus covers sixty-five and a half acres, on an eminence overlooking the city of Greeley. Greeley is a beautiful city, with 14,000 population. The streets are wide and graveled, and great spreading trees on practically all of the streets in the city form continuous avenues of shade. Attractive homes and beautiful lawns add to the appearance of the city.

Greeley is located on the Union Pacific and the Colorado & Southern railways, fifty-two miles from Denver, and just thirty miles from the gateway to Rocky Mountain National (Estes) Park. The latter forms the playground each week-end for many students at Colorado State Teachers College.

The location of the College so close to the Rocky Mountains is in itself a distinct advantage. This, together with the altitude of the city—4,567 feet above sea level—makes an ideal location for summer study. Clear, dry air, sunny days, and cool nights, distinguish Greeley from other communities where the heat and humidity make work in the summertime almost unbearable. The cool snow-laden air from the mountains sweeps over Greeley and the College campus, cooling the atmosphere and making the days pleasant, even in the middle of summer. Seldom does the night temperature go above 70 degrees, and 60 to 65 degrees at night is usual.



216. PSYCHOLOGY OF INDIVIDUAL DIFFERENCES—First half quarter. Two hours.

The study of individual differences in mental traits and their significance for the organization and instruction of all types of schools; causes of differences and suggestions for their control; age, sex and race differences in mental traits; problems of the super-normal and sub-normal child; measurement and correlation of mental traits.

222. EXPERIMENTAL TECHNIC AND ITS APPLICATION—Full quarter. Four hours.

223. RESEARCH IN EDUCATIONAL PSYCHOLOGY—Full quarter. Four hours.

224. RESEARCH IN EDUCATIONAL PSYCHOLOGY—THESIS—Full quarter. Four hours.

225. RESEARCH IN EDUCATIONAL PSYCHOLOGY—THESIS—Full quarter. Two hours.

## ENGLISH AND LITERATURE

(For detailed description of courses, see the Year Book)

Candidates for graduation should not take a required course for a half credit.

0. FUNDAMENTALS IN ENGLISH—Full quarter.

No college credit. Required of all whose scores on a standardized English test place them in the lower third of entering college freshmen.

1. CHILDREN'S LITERATURE—Intermediate Grades. Full quarter. Four hours.

Required of Intermediate majors.

2. CHILDREN'S LITERATURE—Junior High School. Full quarter. Four hours.

Required of junior high school majors choosing English as one of their two special subjects.

4. SPEAKING AND WRITING ENGLISH—Full quarter. Four hours.

Required of all students unless they pass the English Exemption Test.

6. AMERICAN LITERATURE—Full quarter. Four hours.

10. A SURVEY OF ENGLISH LITERATURE—1798-1900—Full quarter. Four hours.

11. THE ENGLISH LANGUAGE FOR TEACHERS—Either half or full quarter. Two or four hours.

12. ORAL EXPRESSION—Second half quarter. Two hours.

13. THE ART OF STORY TELLING—Either half or full quarter. Two or four hours.

14. DRAMATIC ART—Full quarter. Four hours.

Prerequisite Eng. 12.

16. TYPES OF CONTEMPORARY LITERATURE—Full quarter. Four hours.

20. ADVANCED COMPOSITION—Full quarter. Four hours.

21. AN OUTLINE OF LITERATURE—Full quarter. Four hours.

Readings in the literature of those nations whose dramas, epics, lyrics, letters, histories, novels, stories, essays, etc., have influenced the thought and culture of the world. It is intended in this course and the one following to give the freshman students a connected story of literature and also to give them a sufficient amount of reading in the form of selections and complete units of the literature itself to assure the college that its

100a. UNIT COURSE—Mental Hygiene. Second half quarter. One hour.

The unit will extend over a period of nine days from July 21 to July 31, inclusive.

The topics of this course are: Contributions of mental hygiene to the success of the parent and teacher; the emotional needs of the child and their significance; discussion of case studies of emotional needs; some phases of problem behavior; negativism in the child; the causes of day dreaming and phantasy; disorders of behavior; mental hygiene for schools and colleges.

100b. UNIT COURSE—Personality Problems in School Children. Second half quarter. One hour.

The unit will extend over a period of nine days from July 21 to July 31, inclusive.

This course reviews case study methods employed in the study of mal-adjusted school children. Typical case histories are presented, illustrating common personality disorders and problems encountered in the classroom, especially in their relation to school progress. Causes of school failures are reviewed.

Organization for mental hygiene, and the relation of these problems to the new education—the utilization of training facilities and clinics for normal schools, developments in the visiting teacher movement and in rural communities are emphasized.

One optional period of this course is to be held at the Psychopathic Hospital in Denver where illustrative child guidance problems are presented, and methods of examination reviewed.

103. PSYCHOLOGY OF ADOLESCENCE—Third or fourth year. First half quarter. Two hours.

The more important facts and principles and their application to school organization, administration, and instruction. Physical and mental changes during adolescence and their significance; instinctive and emotional tendencies; interests; growth of intelligence; development of personality; hygiene of adolescence; prediction and control of adolescent behavior; individual differences and their relation to various problems of education.

104. PSYCHOLOGY OF ELEMENTARY SCHOOL SUBJECTS—Third year. Either half or full quarter. Two or four hours.

105. PSYCHOLOGY OF SENIOR HIGH SCHOOL SUBJECTS—Third year. Either half or full quarter. Two or four hours.

107. MENTAL TESTS AND MEASUREMENTS—Full quarter. Four hours.

108a. EDUCATIONAL MEASUREMENTS IN ELEMENTARY GRADES AND JUNIOR HIGH SCHOOLS—Fourth year. Either half or full quarter. Two or four hours.

108b. EDUCATIONAL MEASUREMENTS IN THE SENIOR HIGH SCHOOL—Fourth year. Either half or full quarter. Two or four hours.

108c. TEACHERS' CLASSROOM TESTS—Third and fourth years. Full quarter. Four hours.

115. ABNORMAL PSYCHOLOGY AND MENTAL HYGIENE—Third or fourth year. Full quarter. Four hours.

117. ELEMENTARY STATISTICAL METHODS—Third, fourth and fifth years. Full quarter. Four hours.

118. GRAPHIC METHODS OF PRESENTING FACTS—Either half or full quarter. Two or four hours.

119. PSYCHOLOGY AND MEASUREMENT OF PERSONALITY TRAITS—Third or fourth year. First half quarter. Two hours.

Theories of personality based on scientific studies in psychology. The nature of personality; origin and growth of personality; distribution of traits; personality types; relation of character and personality; measurement of personality; personality traits involved in teaching; creation of personality.

213. CONFERENCE, SEMINAR AND LABORATORY COURSES. Hours depending upon amount of work done.

214. ADVANCED EDUCATIONAL PSYCHOLOGY—Full quarter. Four hours. The work of this course is limited to the psychology of learning.

168. PROBLEMS OF RELIGIOUS EDUCATION—Either half or full quarter. Two or four hours.

192. TRAINING SCHOOL PROBLEMS IN THE PROFESSIONAL EDUCATION OF TEACHERS—Second half quarter. Two hours.

III. COURSES FOR GRADUATE STUDENTS AND FOR QUALIFIED SENIOR COLLEGE STUDENTS WITH THE CONSENT OF THE INSTRUCTOR. (JUNIOR COLLEGE STUDENTS MAY NOT REGISTER FOR THESE COURSES.)

ED. 209. ADVANCED PROBLEMS OF CURRICULUM MAKING WITH SPECIAL REFERENCE TO THE MAJOR CLASSES OF ACTIVITIES—Either half or full quarter. Two or four hours.

This course is an advanced course in curriculum making. It will deal with specific applications of the techniques of curriculum making in the major fields of citizenship, economic life, health, recreation, home and family relationships, and character education. It attempts to do for this field what Ed. 258, 259, and 260 do for the tool subjects. Students interested in curriculum making may now earn up to twelve hours in the field (Ed. 208, 209, and Ed. 210). Ed. 10 or 210 desirable but not essential prerequisite.

213. PROBLEMS OF THE JUNIOR HIGH SCHOOL WITH SPECIAL REFERENCE TO THE CURRICULUM—Either half or full quarter. Two or four hours.

(Given in successive summers as Ed. 213, 214, and 215. Students may earn up to 12 hours.)

218. PROBLEMS OF SECONDARY EDUCATION—Either half or full quarter. Two or four hours.

(Given in successive summers as Ed. 216, 217, and 218. Students may earn up to 12 hours.)

223. RESEARCH IN EDUCATION—Full quarter. Four hours.

224. RESEARCH IN EDUCATION—Full quarter. Four hours.

225. RESEARCH IN EDUCATION—Full quarter. Two hours.

230. HISTORY OF PHILOSOPHY—Full quarter. Four hours.

244. PROBLEMS IN EDUCATIONAL ADMINISTRATION—Either half or full quarter. Two or four hours.

(Given in successive summers as Ed. 242, 243, and 244. Students may earn up to 12 hours.)

258. PROBLEMS OF ELEMENTARY EDUCATION (SPELLING, READING, AND LITERATURE)—Either half or full quarter. Two or four hours.

259. PROBLEMS OF ELEMENTARY EDUCATION (SOCIAL SCIENCE, PROBLEM METHOD, SOCIALIZED RECITATION)—Either half or full quarter. Two or four hours.

260. PROBLEMS OF ELEMENTARY EDUCATION (HANDWRITING, COMPOSITION, ARITHMETIC)—Either half or full quarter. Two or four hours.

## EDUCATIONAL PSYCHOLOGY

(For detailed description of courses, see the Year Book)

Candidates for graduation should not take a required course for a half credit.

2a. EDUCATIONAL PSYCHOLOGY—Full quarter. Four hours. Required of all students.

2b. EDUCATIONAL PSYCHOLOGY—Full quarter. Four hours. Required of all students.

3. CHILD DEVELOPMENT—Full quarter. Four hours.

110. EXTRA-CURRICULAR ACTIVITIES—Either half or full quarter. Two or four hours.

110b. CITIZENSHIP EDUCATION IN THE GRADES—First half quarter. Two hours.

111. PHILOSOPHY OF EDUCATION—Full quarter. Four hours. Required fourth year.

113. ORGANIZATION AND ADMINISTRATION OF THE JUNIOR HIGH SCHOOL—Full quarter. Four hours.

(Primarily for Junior High School Majors. Senior college and graduate students take Ed. 213.)

114. PRIMARY SUPERVISION—Either half or full quarter. Two or four hours.

115. ORGANIZATION AND ADMINISTRATION OF THE ELEMENTARY SCHOOL—Either half or full quarter. Two or four hours.

116. ORGANIZATION AND ADMINISTRATION OF THE SENIOR HIGH SCHOOL—Full quarter. Four hours.

117. PROBLEMS OF SCHOOL DISCIPLINE—Second half quarter. Two hours.

This course will consider recent investigations of actual concrete situations in which discipline is involved and suggested principles for promoting good discipline in the school.

118. PROBLEMS OF CHARACTER AND MORAL EDUCATION—Either half or full quarter. Two or four hours.

This course is planned to give the teacher a practical method of attacking the problem in the classroom. Approval of the present program will be made, investigations in the field canvassed, and specific techniques discussed.

123. EDUCATIONAL RESEARCH COURSE—Either half or full quarter. Two or four hours.

Arrange for this course with the head of the department. Qualified senior college students may register in the course only with the approval of the head of the department.

125. RURAL EDUCATION—Either half or full quarter. Two or four hours. Formerly Ed. 25.

127. SPECIAL RURAL SCHOOL METHODS—First half quarter. Two hours.

128. COUNTY SCHOOL ADMINISTRATION—Second half quarter. Two hours.

129. CURRENT EDUCATIONAL THOUGHT, FORMERLY ED. 229—Either half or full quarter. Two or four hours.

130. VISUAL EDUCATION—First half quarter. Two hours.

134. HISTORY OF EDUCATION IN THE UNITED STATES—Full quarter. Four hours.

142. SCHOOL ADMINISTRATION—Either half or full quarter. Two or four hours.

143. SCHOOL ADMINISTRATION—Either half or full quarter. Two or four hours.

(Replaces Ed. 112 and Ed. 120.)

144. SCHOOL PUBLICITY—First half quarter. Two hours.

145. PLATOON SCHOOL—First half quarter. Two hours.

150. FOUNDATIONS OF METHOD—Either half or full quarter. Two or four hours.

151. THE PRE-SCHOOL—Either half or full quarter. Two or four hours.

152. THE CHILD AND HIS SCHOOL—Second half quarter. Two hours.

21. RURAL SCHOOL PROBLEMS—Either half or full quarter. Two or four hours.

23. RURAL SCHOOL MANAGEMENT AND METHODS—Either half or full quarter. Two or four hours.

24. THE RURAL COMMUNITY—Second half quarter. Two hours.

28. SCHOOL AND HOME GARDENS—Second half quarter. Two hours.

52. KINDERGARTEN MATERIALS—Now included in Ed. 3c.

## II. COURSES PRIMARILY FOR SENIOR COLLEGE STUDENTS.

100a. PROBLEMS OF EDUCATION—Either half or full quarter. One or two hours.

A course dealing with major fields of knowledge, emphasizing recent developments in theory and practice. Fifteen or more lecturers.

100e. UNIT COURSES IN EDUCATION (County Superintendents)—First half quarter. One hour.

Each course runs two weeks, June 16-26, inclusive. The following units will be given: Unit 14—Records and Reports; Unit 15—Supervised Study; Unit 16—Practical Supervisory Materials for Rural Schools. Any one or more courses may be taken.

100g. UNIT COURSES IN MAJOR CLASSES OF KNOWLEDGE—One hour.

Each course runs two weeks, June 16-26, inclusive.

The following units will be given: Unit 1—Recreational Education, June 16-26; Unit 2—Economic-Industrial Education, June 30 to July 10; Unit 3—Home and Family Education, July 30 to August 10; Unit 4—Citizenship Education, August 14 to 24.

100j. UNIT COURSE IN INTERNATIONAL EDUCATION—First half quarter. One hour.

This course runs two weeks, June 16-26, inclusive.

100k. UNIT COURSE IN GUIDANCE PROBLEMS IN THE JUNIOR HIGH SCHOOL—Second half quarter. One hour.

This course runs two weeks, August 4-14, inclusive.

100l. UNIT COURSE IN EDUCATIONAL VALUES—First half quarter. One hour.

This course runs two weeks, June 16-26, inclusive.

100m. UNIT COURSE IN CITIZENSHIP EDUCATION IN THE JUNIOR HIGH SCHOOL—First half quarter. One hour.

This course runs two weeks, June 30-July 10, inclusive.

101. METHODS OF TEACHING IN THE HIGH SCHOOL—First half quarter. Two hours.

102. ADVANCED STUDENT TEACHING IN THE ELEMENTARY TRAINING SCHOOL—Full quarter. Four hours.

An additional quarter may be taken as Ed. 102d.

102a. STUDENT SUPERVISION IN THE ELEMENTARY TRAINING SCHOOL—Full quarter. Four hours.

An additional quarter may be taken as Ed. 102b.

103. STUDENT TEACHING IN THE SECONDARY TRAINING SCHOOL—Full quarter. Four hours.

An additional quarter may be taken as Ed. 103d.

103a. STUDENT SUPERVISION IN THE SECONDARY TRAINING SCHOOL—Full quarter. Four hours.

An additional quarter may be taken as Ed. 103b.

107. METHODS OF IMPROVING READING AND STUDY HABITS OF ELEMENTARY SCHOOL CHILDREN—Either half or full quarter. Two or four hours.

108. EDUCATIONAL SUPERVISION—Either half or full quarter. Two or four hours.

First half—Supervision of Skill Subjects; Second half—Supervision of Content Subjects.

41. MATERIAL AND METHODS FOR JUNIOR BUSINESS TRAINING. Second half quarter. Two hours.
106. SECRETARIAL SCIENCE—First half or full quarter. Two or four hours.
138. COMMERCIAL LAW I—Either half or full quarter. Two or four hours.
140. INVESTMENTS—First half quarter. Two hours.
150. ACCOUNTING I—First half or full quarter. Two or four hours.
151. ACCOUNTING II—Full quarter. Four hours.
157. METHODS OF TEACHING BOOKKEEPING—Second half quarter. Two hours.
165. BUSINESS ADMINISTRATION—Second half quarter. Two hours.
212. COMMERCIAL EDUCATION IN SECONDARY SCHOOLS—Full quarter. Four hours.
223. RESEARCH IN COMMERCIAL EDUCATION—Full quarter. Four hours.
224. RESEARCH IN COMMERCIAL EDUCATION—Full quarter. Four hours.
225. RESEARCH IN COMMERCIAL EDUCATION—Full quarter. Two hours.

## EDUCATION

(For detailed description of courses, see the Year Book)

Candidates for graduation should not take a required course for a half credit.

### I. COURSES PRIMARILY FOR JUNIOR COLLEGE STUDENTS.

1. INTRODUCTION TO EDUCATION—Full quarter. Four hours.  
Required of all first year students.
- 2a. PRE-TEACHING OBSERVATION IN THE ELEMENTARY SCHOOL.—Full quarter. Two hours.
- 2b. STUDENT TEACHING IN THE ELEMENTARY AND JUNIOR HIGH SCHOOL—Full quarter. Hours according to schedule. An additional quarter may be taken on Ed. 2c.
- 2c. PRE-TEACHING OBSERVATION IN THE SECONDARY SCHOOL—Full quarter. Two hours.
- 3a. LANGUAGE ARTS IN THE PRIMARY GRADES—Either half or full quarter. Two or four hours.
- 3b. SOCIAL ARTS IN THE PRIMARY GRADES—Either half or full quarter. Two or four hours.
- 3c. KINDERGARTEN-PRIMARY MATERIALS—Either half or full quarter. Two or four hours.
- 4a. LANGUAGE ARTS IN THE INTERMEDIATE GRADES—Either half or full quarter. Two or four hours.
10. PROBLEMS OF EDUCATION—Full quarter. Four hours.  
Prerequisites, Ed. 1 and Sophomore standing.
15. EDUCATIONAL GUIDANCE—First half quarter. Two hours.
16. TRAINING COURSE FOR CAMPFIRE GIRLS LEADERSHIP—Either half quarter. Two hours.
17. BOY SCOUT WORK—First half quarter. Two hours.
20. AGRICULTURAL EDUCATION—Either half or full quarter. Two or four hours.

- 108. EMBRYOLOGY—Full quarter. Four hours. Fee \$1.50.
- 223. RESEARCH IN ZOOLOGY—Full quarter. Four hours.
- 224. ZOOLOGICAL RESEARCH. Full quarter. Four hours. Fee \$3.00.
- 225. ZOOLOGICAL RESEARCH—Full quarter. Two hours. Fee \$1.00.  
A continuation of Zoological Research 224.

#### ELEMENTARY SCIENCE

- 1. ELEMENTARY SCIENCE—Full quarter. Four hours. Fee \$1.00.

#### GENERAL SCIENCE

- 1. GENERAL SCIENCE—Full quarter. Four hours. Fee \$1.50.

### CHEMISTRY

(For detailed description of courses, see the Year Book)

Candidates for graduation should not take a required course for a half credit.

- 1. GENERAL CHEMISTRY—Full quarter. Two or four hours. Fee \$2.00.
- 2. GENERAL CHEMISTRY—Full quarter. Two or four hours. Fee \$2.00.
- 7. QUALITATIVE ANALYSIS—Either half or full quarter. Two or four hours. Fee, according to hours of credit.
- 7b. QUALITATIVE ANALYSIS—Either half or full quarter. Two or four hours. Fee, according to hours of credit.
- 110. ORGANIC CHEMISTRY—Full quarter. Two or four hours. Fee, \$2.00.
- 112. FOOD CHEMISTRY—Full quarter. Two or four hours. Fee \$2.00.
- 114. QUANTITATIVE ANALYSIS—Either half or full quarter. Two or four hours. Fee, \$2.00 or \$4.00, according to course.
- 114b. QUANTITATIVE ANALYSIS—Either half or full quarter. Two or four hours. Fee, \$2.00 or \$4.00, according to course.
- 117. THE TEACHING OF CHEMISTRY—Full quarter. Four hours.
- 223. RESEARCH IN CHEMISTRY—Full quarter. Four hours.
- 224. RESEARCH IN CHEMISTRY—Full quarter. Four hours.
- 225. RESEARCH IN CHEMISTRY—Full quarter. Two hours.

### COMMERCIAL EDUCATION

(For detailed description of courses, see the Year Book)

Candidates for graduation should not take a required course for a half credit.

- 1. SHORTHAND I—First half or full quarter. Two or four hours. Credit is granted only on completion of the second quarter of Shorthand, C. E. 2.
- 2. SHORTHAND II—Full quarter. Four hours.
- 4. METHODS OF TEACHING SHORTHAND—First half quarter. Two hours.
- 11. TYPEWRITING I—First half or full quarter. Two or four hours. Credit granted only on completion of the second quarter of Typewriting, C. E. 13.
- 13. TYPEWRITING III—First half quarter. Two hours.
- 16. METHODS OF TEACHING FILING—First half quarter. Two hours.
- 36. HANDWRITING METHODS—Either half or full quarter. One or two hours.
- 37. BUSINESS MATHEMATICS—First half quarter. Two hours.

52. MAT WORK AND ELEMENTARY TUMBLING—Either half or full quarter. One hour.
60. PLAYS AND GAMES—Second half quarter. One hour.
70. ADVANCED SWIMMING—Daily. Either half quarter. One hour.
165. FOOTBALL COACHING—Five periods. First half quarter. Two hours.
166. BASKETBALL COACHING—Five periods. First half quarter. Two hours.
168. TRACK COACHING—Five periods. First half quarter. Two hours.
169. BASEBALL COACHING—Five periods. First half quarter. Two hours.
170. ORGANIZATION AND ADMINISTRATION—Four periods. First half quarter. Two hours.
172. OFFICIATING AND MANAGEMENT—Four periods. First half quarter. Two hours.
180. ATHLETIC TRAINING—First half quarter. Two hours.
- HYGIENE I—Personal Hygiene for Men. Full quarter. Four hours.

## BIOLOGY

(For detailed description of courses, see the Year Book)  
Candidates for graduation should not take a required course for a half credit

This department will offer four courses during the summer of 1930 in the Rocky Mountains at Camp Olympus, Estes Park, Colorado. See pages 40, 41 for description of the courses.

### BACTERIOLOGY

100. GENERAL BACTERIOLOGY—Full quarter. Four hours. Fee \$1.50.

### BIOLOGY

101. GENETICS AND EUGENICS—Full quarter. Four hours.  
Desirable prerequisites: General Biology, General Botany, or General Zoology.
203. BIOLOGY SEMINAR—Full quarter. Two hours.  
For graduate biology majors.
- 223—RESEARCH IN BIOLOGY—Full quarter. Four hours.
224. BIOLOGICAL RESEARCH—Full quarter. Four hours.
225. BIOLOGICAL RESEARCH—Full quarter. Two hours.  
A continuation of Biological Research 224.

### BOTANY

101. SYSTEMATIC BOTANY—Full quarter. Four hours. Fee \$1.00.
201. TAXONOMY—Full quarter. Four hours. Fee \$1.00.
223. RESEARCH IN BOTANY—Full quarter. Four hours.
224. BOTANICAL RESEARCH—Full quarter. Four hours. Fee \$3.00.
225. BOTANICAL RESEARCH—Full quarter. Two hours. Fee \$1.00.  
A continuation of Botanical Research 224.

### ZOOLOGY

3. BIRD STUDY—Full quarter. Four hours. Fee \$1.00.
107. ELEMENTARY ENTOMOLOGY—Full quarter. Four hours. Fee \$1.00.



2a. FINE ARTS METHODS FOR INTERMEDIATE GRADES AND JUNIOR HIGH SCHOOL—First half or full quarter. Two or four hours. Fee 50 cents.

3. FREEHAND DRAWING I—First half quarter. Two hours.

4. DESIGN—First half or full quarter. Two or four hours.

5. WATER COLOR PAINTING—Either half or full quarter. Two or four hours.

12. COLOR THEORY AND COMPOSITION—First half or full quarter. Two or four hours.

13. INDUSTRIAL ARTS METHODS FOR PRIMARY GRADES—First half or full quarter. Two or four hours. Fee \$1.50.

14. INDUSTRIAL ARTS METHODS FOR INTERMEDIATE GRADES AND JUNIOR HIGH SCHOOL—First half or full quarter. Two or four hours. Fee \$1.50.

16. FREEHAND DRAWING II—First half or full quarter. Two or four hours.

Prerequisite—Art 3 or equivalent.

17. LETTERING AND POSTER COMPOSITION—Either half quarter. Two hours.

100. SUPERVISION OF FINE ARTS EDUCATION—First half or full quarter. Two or four hours.

101. DRAWING FROM THE FIGURE—First half or full quarter. Two or four hours.

103. ART STRUCTURE III—First half quarter. Two hours.

105. WATER COLOB PAINTING—Either half or full quarter. Two or four hours.

106. TEACHING ART APPRECIATION—Either half quarter. Two hours.

107. CONSTRUCTIVE DESIGN—First half or full quarter. Two or four hours. Fee 50 cents.

Prerequisite—Art 4 or 4a.

108. POTTERY—First half or full quarter. Two or four hours.

116. ADVANCED FREE HAND DRAWING—First half or full quarter. Two or four hours.

117. LETTERING AND DESIGN—Either half quarter. Two hours.

120. OIL PAINTING—Either half or full quarter. Two or four hours.

122. ETCHING AND PRINTMAKING—Double period. First half quarter. Two hours.

Etching processes and experience in printing. Monotype and wood-cut processes. Printing in dark-light and in color.

223. RESEARCH IN ART—Full quarter. Four hours.

224. RESEARCH IN ART EDUCATION—Full Quarter. Four hours.

225. RESEARCH IN ART EDUCATION—Full quarter. Two hours.

## ATHLETICS AND PHYSICAL EDUCATION FOR MEN

(For detailed description of courses, see the Year Book)  
Candidates for graduation should not take a required course for a half credit

3. FIRST AID—Second half quarter. Two hours.

36. TENNIS—Three periods. Either half or full quarter. One half or one hour.

40. ELEMENTARY SWIMMING—Daily. Either half or full quarter. One or two hours.

not get a certificate until the full degree course is completed. One who finally expects to complete a degree course in some other department than the ones listed in the Limited Certificate group, may, however, begin his course as a major in one of the four curricula and at the same time elect the requirements of the first two years of the department he finally expects to major in for the degree. At the end of two years he may take his certificate with a major, for example, in upper grade teaching. He would at that time have completed all the core requirements and departmental requirements of the upper grades curriculum, and also, the departmental requirements of the first two years of his four-year major, for example, history or geography. Then he may go out and teach for a time. When he returns to the College he may register as a major in the department of his own preference, and complete his four-year curriculum receiving the degree of Bachelor of Arts in the field finally chosen. During the first two years this student would register as a major in the education department. His adviser would be the head of that department. In the third and fourth years his adviser is the head of the department finally chosen for the Bachelor of Arts curriculum.

**LENGTH OF COURSE**—The degree course is planned to occupy twelve quarters. Upon the completion of the course the degree of Bachelor of Arts and the Life Certificate will be granted. The courses leading to the (five year) Limited Certificate in kindergarten-primary, intermediate, upper grades or rural schools, occupy six quarters. Upon completion of three additional quarters and two years of successful teaching experience the Life Certificate to teach in the elementary schools will be granted. A quarter is approximately twelve weeks in length.

## THE COURSE OF STUDY IN DETAIL

### THE PROFESSIONAL CORE

Each of the courses differs somewhat from the others in the subjects required by the department, but each course contains the following subjects:

**FIRST YEAR:** Science 1 and 2, English 0 and 4 (unless excused for proficiency), 21 and 22, Hygiene 1, Education 1, Civilization 1, Music 25, Art 1, and a physical exercise course each quarter.

**SECOND YEAR:** Psychology 2a and 2b, Education 2a and 2b (pre-teaching observation and student teaching), Education 10, and a physical exercise course each quarter.

**THIRD YEAR:** History 125 and 126.

**FOURTH YEAR:** Sociology 105, Education 111, and a course in pre-teaching observation and student teaching.

The order of subjects shown above will vary some according to the section to which a student is assigned. The student should consult the diagram of courses in the department in which he is majoring. (See Year Book.)

**THE DEPARTMENTAL REQUIREMENTS:** In addition to these "core" subjects required of all students, each student is required to take a number of prescribed subjects in the department which he chooses as his major.

## ART

(For detailed description of courses, see the Year Book)  
Candidates for graduation should not take a required course for a half credit.

1. **ART APPRECIATION**—Full quarter. Two hours.
2. **FINE ARTS METHODS FOR PRIMARY GRADES**—First half or full quarter. Two or four hours. Fee 50 cents.

of this time a student may continue in the course already begun, but must meet any new requirements which may have been adopted in the meantime. This is intended to cover conditions of admission and general changes, as well as any which may have been made within the student's major department. In any event, when a student graduates from a two-year course the current Year Book shall be his guide in the work of the third and fourth years rather than the Year Book used for the first two years.

UNIT OF COLLEGE CREDIT—All credit toward graduation is completed in "quarter-hours." The term "quarter-hours" means a subject given one day a week through a quarter for a year, approximately twelve weeks. Most of the College courses call for four recitations a week. These are called four-hour courses. A student usually selects sixteen quarter-hours, the equivalent of four courses each meeting four times a week, as his regular work.

## THE COURSE OF STUDY

*Throughout this catalog courses numbered 1-99 are primarily first and second-year subjects; 100-199 are third and fourth-year. Those numbered 200 and above are graduate work. Senior college students must select at least two-thirds of their courses in the senior college.*

Colorado State Teachers College is a technical school whose sole function is to prepare teachers for the teaching profession in the same sense that medical colleges prepare physicians and surgeons, engineering schools prepare engineers, etc.

For this reason its curriculum is sharply differentiated from those of other technical schools and also from those of the colleges of liberal arts whose aim is to give a general rather than a specific training.

The curriculum in Colorado State Teachers College is formulated on the basis of four years of work. The following departments prepare teachers to receive the bachelor's degree:

Art	Educational Psychology
Biology	English and Literature
Chemistry	Foreign Languages
Commercial Education	Geology, Physiography, and Geog-
Education	raphy
Superintendents	History and Political Science
Principals for	Home Economics
Elementary Schools	Industrial Arts
Junior High Schools	Mathematics
Senior High Schools	Music
Supervisors and Teachers for	Physical Education and Athletics
Kindergarten-Primary	for Women
Intermediate	Physics
Upper Grades	Sociology and Economics
Rural Schools	
Training Schools	

Any student who wishes to take a two-year course leading to a Limited Certificate before the completion of a full four-year course must take such a certificate through the completion of all the core requirements and departmental requirements in one of the following curricula:

Kindergarten-Primary  
Intermediate Grades

Upper Grades  
Rural Schools

A student who expects to go straight through a four-year curriculum may major in any of the departments, but, except as noted above, can

## II. THE LIFE CERTIFICATE

Upon evidence of a satisfactory teaching experience of two years (at least sixteen months) during the life of the Limited Certificate and the completion of forty-eight hours of additional prescribed or acceptable work, a Life Certificate to teach in the elementary schools of the state will be issued to holders of the Limited Certificate. The diploma given upon the award of a degree is a Life Certificate to teach in any of the schools of the state.

## III. THE BACHELOR OF ARTS DEGREE

The Bachelor of Arts degree is granted upon the satisfactory completion of four years of work. (See pages 57, 58 of the College Catalog and Year Book for details.)

## IV. THE MASTER OF ARTS DEGREE

See Catalog of the Graduate School.

**ADVANCED STANDING**—Students who come to the College after having done work in another college, normal school, or university, will be granted advanced standing for all such work that is of college grade, provided that the institution in question has required high school graduation as a condition for admission. Those who receive advanced standing are required to take here all of the prescribed subjects in the course they select, unless these prescribed subjects or their substantial equivalents have been taken in the colleges and universities from which the students come. Heads of departments involved have the power to excuse students from taking these prescribed subjects within the major department. The vice-president must be consulted about exemptions from core subjects. No advanced standing is granted for additional units above the usual sixteen earned in the four-year high school course. All advanced standing is provisionally allowed pending the satisfactory completion of matriculation tests and one quarter's work.

**MINIMUM RESIDENCE REQUIREMENT**—The College does not grant any certificate or degree for less than three full quarters of resident study, during which time the student must have earned at least forty-eight quarter-hours of credit. If the student's first graduation is with the Bachelor of Arts degree, he must have spent at least three quarters in residence. Students who have already taken the two-year course must spend in residence at least two additional quarters for the Bachelor of Arts degree. Correspondence students when enrolling in residence should apply to the extension department for an extension of time which will permit the completion of correspondence courses at a time when the student is not enrolled in residence courses. Students in residence are not permitted to enroll in correspondence courses during vacations except during the vacation between the end of the summer quarter and the beginning of the fall quarter.

## CREDITS

*Application for any certificate or degree must be made to the Registrar at least sixty days before the close of the quarter in which the certificate or degree is to be granted.*

**TIME LIMIT FOR COMPLETING COURSES**—A student is allowed four years after beginning resident work on a two-year course in which to complete that course under the conditions which prevailed at the time the student entered the College. Another four years is allowed to complete the work of the third and fourth years under the requirements in effect at the time the student begins resident or group extension courses of the third year. This extension of time is made to take care of those who must teach between the years of resident work. At the expiration

Failure under the ten hour rule or withdrawal on account of an average below 2.5 does not prevent the student continuing his or her work in another college. The registrar will issue a transcript of the student's record with the following note: "Colorado State Teachers College has no objection to this student's being admitted to any other college."

**THE GRADING SYSTEM**—The following grading system has been adopted by faculty action and has been in effect since October 1, 1924:

- A indicates superior work
- B indicates work above average
- C indicates average work
- D indicates work below average, but passing
- F indicates failure

A grade of A, B, C, or D, yields normal credit in any course taken. A course marked "F" carries no credit and may not be adjusted except by repetition of the course at a later time. Other markings may be used when necessary, as follows:

- "Inc.," Incomplete
- "W," Withdrawn

A course marked "Incomplete" must be made up within three months, or during the succeeding quarter, if credit is to be recorded for it. By special arrangement in advance with the vice-president or registrar and the teacher a longer time may be given. An "Inc." must be removed in any subject within three months of the closing date of the quarter, or in the case of summer students who do not attend during the regular year, twelve months. It is advisable to remove a condition early since members of the faculty are not always available for interview.

If a student withdraws from a class or from College without making formal arrangements with the vice-president, he or she will receive an F in all subjects. In either case the teachers concerned must be consulted in order that their records may be correct. This must be done before the student leaves the campus. Should the student be obliged to leave because of an emergency, a letter giving all facts shall be filed with the vice-president within ten days, and if near the end of the quarter, before the closing date. No adjustment is possible after that.

**THE SCHOOL YEAR**—The school year is divided into four quarters of approximately twelve weeks each. These are:

1. The Fall Quarter
2. The Winter Quarter
3. The Spring Quarter
4. The Summer Quarter

This division of the year is especially well suited to a teachers' college for it gives teachers in active service an opportunity equal to any of securing a complete education while actually teaching.

## CERTIFICATES AND DEGREES

### I. THE LIMITED CERTIFICATE

The Limited Certificate, valid for a period of five years in the elementary schools, will be issued on the completion of the prescribed two-year course in the following curricula: Kindergarten, Primary, Intermediate, Upper Grades, and Rural School. This applies to students matriculating after September 1, 1928. Students having pursued work prior to that time will be permitted to complete the course leading to the Life Certificate as at present constituted provided said course is completed before Sept. 1, 1931.

4. All applicants for admission are required before receiving permanent registration cards to take a series of matriculation examinations. These examinations are:
  - a. A standard intelligence test
  - b. A standard English test
  - c. A standard achievement test (knowledge of the subject-matter of the common branches taught in the public elementary and junior high schools)

The combined scores on these tests serve as a guide to the Committee on Admissions.

QUALITY OF WORK REQUIRED

The College does not encourage students who do poor work to continue in the institution. Two regulations designed to eliminate this class of students are in force. These are:

1. THE TEN-HOUR RULE. Any student in any quarter who fails to pass in ten hours of a regular program of fifteen, sixteen, or seventeen hours is warned in writing of his failure and has the following notation made on his permanent record: "Came under ten hour rule summer quarter, 1930. Warned." Such a student may continue in college on probation. For a second failure under this rule the student is notified in writing that he is indefinitely dropped from the college rolls.

A student carrying a limited program (less than fifteen hours) is required to pass in two-thirds of his program; for example, one making less than eight hours out of a twelve-hour program would get the same notice as would be given for failure to carry ten hours in a sixteen-hour program.

2. THE TWO-POINT-FIVE RULE. A student whose scholastic average is under 2.5 at the time he applies for an assignment for student teaching will not be given such an assignment. One whose scholastic average is less than 2.5 at the time he applies for graduation will not be graduated or granted a teaching certificate until he has by further residence study raised his total average to or above that mark.

NOTE: Students are not dropped from the rolls for failure under this rule except in unusual cases and then only after a full quarter's warning given by the vice-president.

NOTE: To determine the student's average the grade letters have the following values: A=5, B=4, C=3, D=2, F=1.

Typical example: Mary A. Black

Civ. 1	3 hrs	grade B=	12	
Biol. 1	3 hrs	grade C=	9	
Art. 14	4 hrs	grade A=	20	The total is 52.
Nat. St.	2 hrs	grade D=	4	Divided by 16 the re-
Eng. 4	3 hrs	grade F=	3	sult is 3.25
Phys. Ed.	1 hr	grade B=	4	
	16		52	

Typical Example: Martha B. White

Civ. 2	3 hrs	grade C=	9	
Ed. 2a	5 hrs	grade D=	10	
Music	2 hrs	grade B=	8	The total is 41.
Ed. 3c	3 hrs	grade D=	6	Divided by 17 the re-
Psych 2b	3 hrs	grade F=	3	sult is 2.41
Phys. Ed.	1 hr	grade A=	5	
	17 hrs		41	

## ADMISSION

The qualifications for admission to Colorado State Teachers College are four:

1. Graduation from a high school or secondary school fully accredited by the North Central Association of Colleges and Secondary Schools or by the State University of the state in which the high school is situated. The student must have passed in fifteen or more regular high school units. The college does not prescribe what the high school subjects shall be. It accepts any units that have been accepted for graduation by the secondary school.

ADMISSION MAY BE UNCONDITIONAL OR CONDITIONAL—Even though graduation from an accredited high school yields admission, only those whose rank in the high school graduating class is in the upper seventy-five per cent and whose scores in matriculation tests are correspondingly good are admitted unconditionally.

Candidates for admission in the lowest twenty-five per cent of the high school graduating class whose scores in matriculation tests are correspondingly low are admitted on probation for one quarter. This group is given individual attention usually in the form of personal interviews and guidance. At the end of the probationary period the status of each student thus admitted will be definitely determined.

GRADUATES OF UNACCREDITED HIGH SCHOOLS—Applicants graduating from unaccredited high schools may be conditionally admitted on probation for one quarter if they make scores in the four matriculation examinations high enough to convince the Committee on Admissions of their ability to do college work successfully. Average scores on these examinations are usually accepted for admission. Success in studies during the first quarter of residence removes the student's name from the probation list and makes him or her a regular student subject to the same rules and regulations as apply to graduates of accredited schools.

Failure to pass in ten hours of a regular fifteen or sixteen hour program in the first residence quarter cancels the conditional admission and makes it necessary for such students to withdraw indefinitely from the college.

ADULT STUDENTS NOT HIGH SCHOOL GRADUATES—Applicants twenty years of age or over who are not high school graduates are given conditional admission and placed on the probation list on the same terms as graduates of unaccredited high schools. Conditions for dropping or continued residence are also exactly the same.

2. The applicant for admission must be recommended by the principal of the high school from which the student graduated, or by some one authorized to act for him, as being to the best of his knowledge of good moral character.
3. The applicant is required to pass a health examination given by the College physicians. Those who have an active communicable disease or such physical defects as would interfere with their success as teachers are not accepted.

3. Each student shall be required to pass satisfactorily an achievement test and make a grade of not less than "C" in Ed. 2a, as prerequisites to student teaching (Ed. 2b).

4. Each student making a grade of less than "C" in student teaching shall be required to repeat the course. A student receiving a grade of "F" in two quarters work in student teaching is not permitted further enrollment in the Training Schools.

5. The required amount of student teaching in the senior college for the degree shall be one quarter taken in either the elementary school (Ed. 102) or the high school (Ed. 103) provided the teaching requirements in the junior college have been met.

6. One additional quarter of student teaching may be elected in the junior college and one in the senior college.

7. Mature students who submit the required evidence of at least three years' satisfactory experience may substitute the required student teaching for an advanced course in College upon the approval of the director of Training Schools under the following conditions:

a. A score above average on the classification test

b. A score above average on the English exemption test

c. A grade of "B" on the achievement test

d. A grade of less than "C" (the average) in two college courses within one quarter disqualifies.

e. No exemption is allowed where students have changed their major and have had no teaching experience in their new field.

f. A formal application must be made for exemption prior to the quarter of graduation and filed with the secretary of the department of training schools. All students will be held for the requirements for exemption in effect at the time of application.

g. No course taken prior to the application for exemption will be accepted for substitution; nor shall this course be a core or departmental required. This course must be taken on the campus.

#### EXTENSION DEPARTMENT

The College maintains an Extension Department to enable teachers in service to keep in touch with educational progress and to aid those teachers who have had less than standard preparation for their work to obtain a part of their professional education while teaching. For a full explanation of this work write for the Extension Bulletin. The general Catalog and Year Book explains the work of this department of the College in some detail.

Summer quarter students should understand clearly that work begun in residence and left incomplete cannot be completed through the Extension Department. Nor can unfinished work begun either in individual correspondence courses or in extension group courses be completed in residence courses.

#### PLACEMENT BUREAU

The Placement Bureau of the College looks after obtaining positions for the graduates of the College. When superintendents and other school officials request the bureau to nominate a teacher for a vacancy the bureau will recommend the best teacher available for the place and the salary offered. Teachers applying for positions through the bureau will be recommended for the very best positions they are qualified by personality, education and experience to fill. The bureau will be open and active through the entire summer.



new and modern. Effort is made to maintain such standards of excellence in the work that they may at all times be offered as a demonstration of good teaching under conditions as nearly normal as possible in all respects.

Students who expect to teach in the Training Schools during the summer quarter are asked to correspond with the principal of the elementary or the secondary school before the opening of the quarter.

Students who wish to enroll for student teaching in the College Elementary and Secondary School should enroll with the principal before April 1. Since only a limited number of students can be taken care of, preference will be given to those who are completing their course with the summer quarter. Students applying for assignments should state whether they have completed Ed. 2A or Ed. 2C satisfactorily and the grade and subject they wish to teach.

#### ENROLLMENT IN COLLEGE ELEMENTARY SCHOOL

The College Elementary School has found it impossible to enroll for summer work all children who make application. Advance registration is necessary for those who want to be assured of a place. It is quite essential that such applications be received by April fifteenth. The following data must be furnished for each child for whom application for enrollment is made.

1. Name of child
2. Date of birth
3. School and grade attended during school year 1929-30
4. Quality of work done in each subject during school year, 1929-30
5. Reason for enrolling child in summer school
6. Will child remain in school throughout the summer quarter?
7. Grade in which parent desires child to be enrolled during summer

A place will not be kept for any child beyond the opening day of the quarter except by special permission from the principal

The work of the summer school session is not planned for the purpose of enabling children to be promoted a half year or year; it is rather for the purpose of widening their experiences in directions in which they have already gone and in which their interests lead them or of fixing better in mind those phases of school work which are desirable.

In addition to the regular subjects of the curriculum, work is offered as extensively as possible in manual arts work, music, fine arts, swimming, and dancing. For certain of these classes a small fee is charged.

#### REQUIREMENTS IN STUDENT TEACHING

1. No student is eligible for student teaching whose college grades average below 2.5 prior to his application for student teaching. The required amount of student teaching for the two year course shall be one quarter. No credit will be given for less than a full quarter of teaching.

2. As a prerequisite to one quarter of student teaching (Ed. 2b) each student shall be required to spend one quarter in a systematic scheduled class in observation (Ed. 2a or 2c) with the training teacher with whom he is to teach the following quarter.

3. College students may have engagements any night in the week, provided these engagements end at 10 P. M. on Sundays and school nights; and by 12:30 on Friday and Saturday nights. Callers in the home are expected to leave on Sunday, Monday, Tuesday, Wednesday, and Thursday nights at 10:00 P. M.; on Friday and Saturday nights at 11:30 P. M.

4. College students are not permitted to attend off-campus dances unless they are approved by the college. The list of approved dances is published each week on the society page of the college paper, "The Mirror."

5. There shall be no attending of out-of-town dances without permission from the dean of women for the women or dean of men for the men. Students must return from out-of-town dances by 12:30 P. M.

6. Non-college persons may be invited to student social activities with the permission of the dean of women.

7. All chaperons must be approved by the dean of women or the dean of men.

8. The college reserves the right to decide that when the above Student Standards of Conduct are disregarded by the householder, the establishment shall be removed from its approved list.

#### SPECIAL COURSES OF LECTURES

The College Assembly and Evening Lectures—For eighteen years the College has maintained a general lecture course with a series of lectures by the most eminent teachers and lecturers obtainable. This annual series of lectures through these years has been the means for thousands of progressive teachers of keeping in touch with the newest developments in the evolution of educational philosophy and practice, from year to year.

In addition to the evening lectures, students are to have an extended opportunity to hear these outstanding teachers. There will be three lecture hours in the afternoons. Two of these will be devoted to unit courses in education, and the third to book reviews. There will be a different lecturer for each period each day.

Following up the success of a few book review hours given first in the summer quarter of 1924-25, the College is continuing a book review hour, four days a week through the quarter. Members of the regular faculty, visiting teachers, and special lecturers will review the outstanding current books in literature, education, philosophy, history and political science, science, religion, and like fields of interest. The course of lectures is open to all without registration or extra fee. One may attend all the lectures regularly or drop in only occasionally when a book of special interest to him is being discussed. There is no credit for the course.

#### TRAINING SCHOOLS

The Training School is an educational laboratory where useful problems are being worked out under the direction of skilled experts. New methods that save time, new schemes for better preparing the children for life, new curricula and courses of study are continually being considered by this school and are tried out, provided they are sound educationally. The aim is not to develop a school that is entirely different from the elementary and secondary schools of the state, but to reveal conditions as they are and as they should be. The Elementary and Secondary Training Schools strive to be leaders in the state in all that is

full quarter. Students not citizens of Colorado pay an additional fee of \$5.00 for the full quarter or \$2.50 for a half quarter. All students matriculating are required to pay a \$5.00 fee. This is paid but once and at the time of matriculation. It covers all entrance costs such as photograph, classification test, English test, achievement test, teaching aptitude test, physical examination, and the necessary blanks in the registrar's office.

All students who expect to be in the College for the full quarter are expected to make out their programs of studies for the full time. The fees, however, may be paid in two parts, one half on June 14, and the other July 21.

Books—New books may be bought from the College bookroom.

#### APPROXIMATE EXPENSE FOR FULL QUARTER

The table below represents a median of expense—neither the least possible nor the highest—and covers the principal items:

Room .....	\$ 42.00
Board .....	72.00
College Fees .....	32.00
Library Fee .....	2.00
Matriculation Fee .....	5.00
Books and Supplies.....	10.00
Total .....	<u>\$163.00</u>

#### THE DAILY PROGRAM,

For the summer quarter, the class periods are arranged as follows:

- 7:00 to 7:50—First Class Period
- 8:00 to 8:50—Second Class Period
- 9:00 to 9:50—Third Class Period
- 10:00 to 10:50—Fourth Class Period
- 11:00 to 11:50—Fifth Class Period
- 12:00 to 12:50—Sixth Class Period
- 2:00 to 2:50—Ed. 100E and 100L—Unit Courses in Education
- 3:00 to 3:50—Ed. 100E and 100J—Unit Courses in Education
- 4:00 to 4:50—Book Reviews
- 7:00 to 8:00—General Lectures in Gunter Hall

#### STUDENT STANDARD REGULATIONS

Student standard regulations are the same during the summer quarter as for the regular year, namely:

1. Men and women students are expected to observe quiet and orderly conduct in their rooming and boarding places, to take due care of the furniture and premises, and to be in their rooms by 10 o'clock on school nights. After dinner hour, it is permissible that a social time be observed, providing that it is not prolonged to interfere with study hours. Hours after 8 o'clock in the evening, except Friday and Saturday, shall be observed as study hours. There shall be quiet in the houses from 8 A. M. to 12 Noon, and from 1 P. M. to 4 P. M. on all school days.

2. On Friday and Saturday nights students may attend social functions approved by the College, but such gatherings shall close at 12. (The fact that students eat at the cafes after dances does not entitle them to return later than 12:30.)

## RECREATION

Week-end excursions into the Rocky Mountains have become so popular and so much a part of the student life that the College has extended these outing opportunities and has appointed a recreation director who will arrange trips and parties and assist students in their recreational activities.

A special booklet has been prepared showing a number of mountain trips the students may take. This booklet may be had on application. Other trips, however, may be arranged to suit the conveniences of the students, if they will make their desires known. Through the arrangement with the Rocky Mountain Transportation Company, students and faculty members of Colorado State Teachers College are given special round-trip rates.

Busses and autos leave the campus at frequent intervals on week-ends, thus affording ample opportunity for one or more individuals to go to the mountains practically when the spirit moves.

## CLASSES CONDUCTED IN THE MOUNTAINS

The College has arranged to conduct certain natural science courses in the Rocky Mountains during the summer of 1930. For details, see page 40.

## FEES AND EXPENSES

**BOARD**—Students board in private houses. The average cost of board is \$6.00 per week.

**ROOMS**—There is an extensive list of approved houses, in the vicinity of the College, for students. With two students in a room the cost is from \$30 to \$39 a quarter for each student; for one student in the room the cost is from \$39 to \$54 per quarter. Student standard regulations are the same during the summer quarter as for the regular year, save that there are no zoning restrictions.

**DORMITORIES**—The Dormitory Triangle provides accommodations for 114 women students. Each room is provided with two beds, and complete accommodations for two students. Because of the great demand in the summer for rooms for a half quarter only, the College has decided to rent dormitory rooms for either half or full quarter. These rooms will cost from \$25.00 to \$28.00 for the whole quarter, or from \$15.00 to \$18.00 for either half-quarter. Students in the dormitories are required to furnish their own bed linen and towels.

It is much more satisfactory for students to see rooms in private homes before renting them. They are urged, therefore, to come a few days before the opening of the quarter, in order that they may personally select their rooms. If information concerning rooms is desired, students may write to the head of the housing bureau.

**LIGHT HOUSEKEEPING**—A few rooms in houses allowing light house-keeping privileges are available. An extra fee of about \$1.50 per month is paid for this privilege.

**COLLEGE FEES**—The state provides funds for the maintenance of the College for three quarters in the year. The summer quarter has the use of the College buildings and equipment, but it is necessary to draw financial support largely from student fees. Each student pays \$16.00 for a half quarter, or \$32.00 for the full quarter, plus a library fee of \$2.00. The library fee is paid by all students, whether they take either a half or

graduates will be well informed in the field of literature and cultivated men and women to the extent that a general reading of literature may contribute to their culture.

This course briefly tells the story of the development of literature in the Orient (China, Japan, India, Persia, and Palestine) with a limited amount of reading in interesting pieces in good English translations. Then it passes to Greek literature with ampler readings. Latin literature follows. The course concludes with readings in the mediaeval European literature that is the beginning of the literature of modern Europe and America, extending into the modern period as far as time will permit.

22. AN OUTLINE OF LITERATURE—(Continued)—Full quarter. Four hours.

A continuation of Course 21. The story of literature illustrated with extensive readings in translation of as many of the great modern pieces of literary art as time will permit. The literature of France, Italy, Germany, Russia, the Scandinavian countries, England, Ireland, and the Americas will be included. Always the readings will be of complete pieces, not illustrative extracts, of those great literary productions that have been significant in the development of civilization and of interest to the general reader.

31. THE SHORT STORY—Full quarter. Four hours.

60. THE LITERATURE OF THE NEW TESTAMENT—(Including the Life and Teachings of Jesus.)—First half or full quarter. Two or four hours.

100. JOURNALISM—Full quarter. Four hours.

105. ORAL ENGLISH IN THE HIGH SCHOOL—First half quarter. Two hours.

106. THE TEACHING OF COMPOSITION AND LITERATURE IN THE SENIOR HIGH SCHOOL—Full quarter. Four hours.

120. LYRIC POETRY—Either half or full quarter. Two or four hours.

108. COMPARATIVE LITERATURE—Italian, Spanish, and French. Full quarter. Four hours.

112. CHILDREN'S THEATRE—First half or full quarter. Two or four hours.

129. SHAKESPEARE'S TRAGEDIES—Either half or full quarter. Two or four hours.

130. ELIZABETHAN DRAMA EXCLUSIVE OF SHAKESPEARE—Full quarter. Four hours.

131. THE INTERNATIONAL NOTE IN LITERATURE—Either half or full quarter. Two or four hours.

A special summer quarter course to be given by Dr. Newman as a result of her recent studies in Paris and the University of Dublin in the preparation of her doctor's dissertation.

132. THE DEVELOPMENT OF THE NOVEL—Full quarter. Four hours.

161. THE HISTORY, LITERATURE, AND RELIGION OF THE OLD TESTAMENT—Either half or full quarter. Two or four hours.

210. OLD ENGLISH—Full quarter. Four hours.

The beginning of a study of Old English, Grammar, and Readings.

223. RESEARCH IN ENGLISH—Full quarter. Four hours.

224. RESEARCH IN ENGLISH—Full quarter. Four hours.

225. RESEARCH IN ENGLISH—Full quarter. Two hours.

## FOREIGN LANGUAGES

(For detailed description of courses, see the Year Book)

Candidates for graduation should not take a required course for a half credit.

The department will conduct a French and Spanish table one evening a week at dinner for those interested in conversation outside of class.

## FRENCH

1. ELEMENTARY FRENCH—Full quarter. Four hours.
5. INTERMEDIATE FRENCH—Full quarter. Four hours.
53. FOREIGN LANGUAGE—(French)—Full quarter. Two hours.  
For Music majors.

## SPANISH

- 1, 2, 3. ELEMENTARY SPANISH—Full quarter. Twelve hours.  
This class meets twice daily five days a week, and covers the entire first year of College Spanish.
5. INTERMEDIATE SPANISH—Full quarter. Four hours.
105. ADVANCED SPANISH—Full quarter. Four hours.  
Covers the first quarter of third year College Spanish. The second and third quarters may be taken by correspondence.
150. SPANISH POETRY—Full quarter. Two hours.

## FOREIGN LANGUAGES

223. RESEARCH IN FOREIGN LANGUAGES—Full quarter. Four hours.
224. RESEARCH IN FOREIGN LANGUAGES—Full quarter. Four hours.
225. RESEARCH IN FOREIGN LANGUAGES—Full quarter. Two hours.

## GEOGRAPHY, PHYSIOGRAPHY AND GEOGRAPHY

(For detailed description of courses, see the Year Book)

Candidates for graduation should not take a required course for a half credit.

7. BUSINESS GEOGRAPHY—Either half or full quarter. Two or four hours.
10. METHODS AND MATERIALS IN GEOGRAPHY FOR INTERMEDIATE GRADES—Full quarter. Four hours.
15. METHODS AND MATERIALS FOR TEACHING JUNIOR HIGH SCHOOL GEOGRAPHY—Either half or full quarter. Two or four hours.
50. HOME GEOGRAPHY AND GEOGRAPHY OF COLORADO—Full quarter. Four hours.
103. CLIMATOLOGY—Either half or full quarter. Two or four hours.
124. ZOOGEOGRAPHY—Either half or full quarter. Two or four hours.
152. PROBLEMS OF SOUTH AMERICAN GEOGRAPHY—Either half or full quarter. Two or four hours.  
A course designed to fit in with the history course on Latin America (Hist. 216) and the Spanish Poetry course (Span. 150). The climatic, geologic, vegetative, animal, and racial aspects of South American Geography will be especially stressed.
154. POLITICAL GEOGRAPHY—Either half or full quarter. Two or four hours.  
This course will be an attempt to interpret the political problems of the principal present-day nations of the world in the light of their geographic location, economic resources, and economic organization. Special emphasis will be placed on the European situation as it is today, with some emphasis on China, Japan, and India.
199. CONSERVATION OF NATIONAL RESOURCES—Either half or full quarter. Two or four hours.
223. RESEARCH IN GEOGRAPHY—Full quarter. Four hours.
224. RESEARCH IN GEOGRAPHY—Full quarter. Four hours.
225. RESEARCH IN GEOGRAPHY—Full quarter. Two hours.

## HISTORY AND POLITICAL SCIENCE

(For detailed description of courses, see the Year Book)

Candidates for graduation should not take a required course for a half credit.

1. FOUNDATIONS OF AMERICAN NATIONALITY—Full quarter. Four hours.
5. EARLY MODERN EUROPE—Full quarter. Four hours.
10. SOCIAL AND ECONOMIC HISTORY OF THE UNITED STATES—Full quarter. Four hours.
117. TEACHING OF HISTORY IN THE JUNIOR AND SENIOR HIGH SCHOOLS—Full quarter. Four hours.
203. THE REFORMATION—Full quarter. Four hours.
208. THE AMERICAN REVOLUTION—Full quarter. Four hours.
216. LATIN AMERICAN HISTORY—Full quarter. Four hours.  
A course designed to fit in with the geography course on South America (Geog. 152), and Spanish Poetry (Span. 150).
221. HISTORY OF THE FAR EAST—Full quarter. Four hours.
223. RESEARCH IN HISTORY—Full quarter. Four hours.
224. RESEARCH IN HISTORY—Full quarter. Four hours.
225. RESEARCH IN HISTORY—Full quarter. Two hours.

## POLITICAL SCIENCE

2. STATE GOVERNMENT—Full quarter. Four hours.
101. HISTORY OF THE FOREIGN POLICY OF THE UNITED STATES—Full quarter. Four hours.

## HOME ECONOMICS

(For detailed description of courses, see the Year Book)

Candidates for graduation should not take a required course for a half credit

1. PATTERN DESIGNING—First half or full quarter. Two or four hours.
  3. GARMENT MAKING—Full quarter. Four hours.
  4. ELEMENTARY DRESSMAKING—Full quarter. Four hours.
  5. DRESS APPRECIATION—Full quarter. Four hours.
  - 7a. HOUSEHOLD MANAGEMENT (Theory) — Either half quarter. Two hours.
  - 7b. HOUSEHOLD MANAGEMENT (Practical)—Residence in Practice Cottage. Full quarter. Two hours.
- To be arranged at registration. Required of all majors who have finished H.E. 21, 22, and 7a.
21. FOODS AND COOKERY—Full quarter. Four hours. Fee \$3.00.
  22. FOODS AND COOKERY—Full quarter. Four hours. Fee \$3.00.  
A continuation of 21.  
This course will be offered in the summer quarter if there is sufficient demand.
  24. ELEMENTARY NUTRITION—Full quarter. Four hours.
  25. COOKERY AND TABLE SERVICE FOR HOMEMAKERS—First half or full quarter. Two or four hours. Fee \$3.50.
  27. OBSERVATION AND METHODS—Full quarter. Two hours.
  100. MILLINERY—First half or full quarter. Two or four hours.

103. COSTUME DESIGN—Full quarter. Four hours. Fee 50 cents.  
Open to all students.
106. HOME CARE OF THE SICK—Full quarter. Four hours. Fee \$1.00.
107. HOME DECORATION—Full quarter. Four hours.
124. DIETETICS—Full quarter. Four hours. Fee \$3.00.
125. CHILD CARE AND CHILD WELFARE—Full quarter. Four hours.
201. ADVANCED TEXTILES—Full quarter. Four hours.
204. HOUSING AND RELATED PROBLEMS—Full quarter. Four hours.
221. EXPERIMENTAL COOKERY—Full quarter. Four hours. Fee \$4.00.
223. RESEARCH IN HOME ECONOMICS—Full quarter. Four hours.
224. RESEARCH IN HOME ECONOMICS—Full quarter. Four hours.
225. RESEARCH IN HOME ECONOMICS—Full quarter. Two hours.
226. RESEARCH IN EXPERIMENTAL NUTRITION—Full quarter. Two hours.  
Individual problems.
240. PROBLEMS AND METHODS OF HOME ECONOMICS TEACHING—Full  
quarter. Four hours.

## INDUSTRIAL EDUCATION DEPARTMENT

(For detailed description of courses, see the Year Book)  
Candidates for graduation should not take a required course for  
a half credit

1. CONSTRUCTIVE WOODWORKING I—Either half or full quarter. Two or  
four hours. Fee \$2.00.
2. CONSTRUCTIVE WOODWORKING II—Either half or full quarter. Two or  
four hours. Fee \$2.00.
- 8a. ART METAL I—Either half or full quarter. Two or four hours.  
Fee \$2.00.
11. PROJECTION, SHADE, AND SHADOW—Either half or full quarter. Two  
or four hours. Fee \$1.00.
12. PRINCIPLES OF ARCHITECTURAL DRAWING I—Either half or full quar-  
ter. Two or four hours. Fee \$1.00.
19. WOODTURNING—Either half or full quarter. Two or four hours.  
Fee \$2.00.
31. ELEMENTS OF PRINTING I—Either half or full quarter. Two or  
four hours.
33. PRINCIPLES OF PRINTING DESIGN—Either half or full quarter. Two  
or four hours.
34. INTERMEDIATE PRINTING I—Either half or full quarter. Two or  
four hours.
36. INTERMEDIATE PRINTING III—Either half or full quarter. Two or  
four hours.
- 41a. ELEMENTARY BOOKBINDING AND LEATHERCRAFT—Either half or full  
quarter. Two or four hours. Fee \$1.00.
- 41b. ELEMENTARY BOOKBINDING AND LEATHERCRAFT—Either half or full  
quarter. Two or four hours. Fee \$1.00.
- 42a. INTERMEDIATE BOOKBINDING AND LEATHERCRAFT—Either half or  
full quarter. Two or four hours. Fee \$1.00.
- 42c. HISTORY OF BOOKBINDING—Either half or full quarter. Two or  
four hours. Fee \$1.00.



100. WOODSHOP PROBLEMS—Either half or full quarter. Two or four hours. Fee \$2.00.

104. VOCATIONAL EDUCATION—Either half or full quarter. Two or four hours.

109b. ART METAL AND JEWELRY II—Either half or full quarter. Two or four hours. Fee \$2.00.

117. MACHINE DRAWING I—Either half or full quarter. Two or four hours. Fee \$1.00.

120. ADVANCED WOODTURNING—Either half or full quarter. Two or four hours. On request. Fee \$2.00.

125. CLASS MANAGEMENT IN WOODWORKING—Either half or full quarter. Two or four hours. On request.

132. ADVANCED PRINTING I—Either half or full quarter. Two or four hours.

143a. ADVANCED BOOKBINDING—Either half or full quarter. Two or four hours. Fee \$1.00.

143c. ADVANCED BOOKBINDING—Either half or full quarter. Two or four hours. On request. Fee \$1.00.

144b. ADVANCED BOOKBINDING—Either half or full quarter. Two or four hours. Fee \$1.00.

144c. ADVANCED BOOKBINDING—Either half or full quarter. Two or four hours. Fee \$1.00.

201. SEMINAR IN INDUSTRIAL EDUCATION—Full quarter. Four hours. Given on request. Hours to be arranged.

223. RESEARCH IN INDUSTRIAL EDUCATION—Four hours.

224. RESEARCH IN INDUSTRIAL EDUCATION—Four hours.

225. RESEARCH IN INDUSTRIAL EDUCATION—Two hours.

## LIBRARY SCIENCE

(For detailed description of courses, see the Year Book)  
Candidates for graduation should not take a required course for a half credit.

106. CHILDREN'S LITERATURE AND JUVENILE LIBRARY SERVICE—Full quarter. Four hours.

## MATHEMATICS

(For detailed description of courses, see the Year Book)  
Candidates for graduation should not take a required course for a half credit.

1. COLLEGE ALGEBRA—Either half or full quarter. Two or four hours.  
2. PLANE TRIGONOMETRY—Either half or full quarter. Two or four hours.

9. ANALYTIC GEOMETRY—Either half or full quarter. Two or four hours.

101. DIFFERENTIAL CALCULUS—Either half or full quarter. Two or four hours.

102. INTEGRAL CALCULUS—Either half or full quarter. Two or four hours.

104. THE TEACHING OF ARITHMETIC—Either half or full quarter. Two or four hours.

106. DESCRIPTIVE ASTRONOMY—Either half or full quarter. Two or four hours.

107. TEACHING JUNIOR HIGH SCHOOL MATHEMATICS—Either half or full quarter. Two or four hours.

110. GEOMETRY FOR TEACHERS—Either half or full quarter. Two or four hours.
201. DIFFERENTIAL EQUATIONS—Either half or full quarter. Two or four hours.  
Prerequisites, Differential and Integral Calculus.
223. RESEARCH IN MATHEMATICS—Full quarter. Four hours.
224. RESEARCH IN MATHEMATICS—Full quarter. Four hours.
225. RESEARCH IN MATHEMATICS—Full quarter. Two hours.

## MUSIC

(For detailed description of courses, see the Year Book)  
Candidates for graduation should not take a required course for a half credit.

- 1a. RUDIMENTS AND METHODS—Four periods. Four hours.  
Kindergarten and Primary first half—Intermediate second half.
- 1b. SIGHT SINGING—Four periods. First half quarter. Two hours.
- 1c. ADVANCED SIGHT SINGING—Four periods. Second half quarter. Two hours.  
Prerequisite Music 1b.
2. TONE THINKING AND MELODY WRITING—Four periods. Second half quarter. Two hours.  
Introductory course to beginning harmony.
3. HARMONY—Four periods. Full quarter. Four hours.  
Prerequisite Music 2.
4. HARMONY—Four periods. Full quarter. Four hours.  
Continuation of Music 3. Prerequisite, Music 3.
10. METHODS FOR TEACHING MUSIC READING—Full quarter. Four hours.  
Required. Music Majors only. Prerequisites Music 1b, 1c.
20. HISTORY OF ANCIENT AND MEDIEVAL MUSIC—Four periods. First half quarter. Two hours.
21. MODERN HISTORY—Four periods. Second half quarter. Two hours.  
Prerequisite, Music 20.
22. MUSIC APPRECIATION—Four periods. First half quarter. Two hours.
23. MUSICAL LITERATURE—Four periods. Second half quarter. Two hours.
25. AN OUTLINE OF MUSIC—Four periods. Full quarter. Two hours.
30. INDIVIDUAL VOCAL LESSONS—One-half period. Full quarter. One hour.
31. INDIVIDUAL PIANO LESSONS—One-half period. Full quarter. One hour.
32. INDIVIDUAL VIOLIN LESSONS—One-half period. Full quarter. One hour.
33. INDIVIDUAL PIPE ORGAN LESSONS—One-half period. Full quarter. One hour.
34. CLASS PIANO METHODS—Either half quarter. One hour.
35. INDIVIDUAL LESSONS FOR BRASS AND REED INSTRUMENTS—One-half period. Full quarter. One hour.

36. INDIVIDUAL CELLO LESSONS—One-half period. Full quarter. One hour.
43. ORCHESTRA—Full quarter. Two periods. One hour.
44. BAND—Full quarter. Two periods. One hour.
45. ORCHESTRAL INSTRUMENTS—Full quarter. Four periods. Two hours.
101. COLLEGE CHORUS—Full quarter. Two periods. One hour.
103. BEGINNING COUNTERPOINT—First half quarter. Four periods. Two hours.
104. ADVANCED COUNTERPOINT—Second half quarter. Four periods. Two hours.
105. BEGINNING ORCHESTRATION—First half quarter. Four periods. Two hours.
106. ADVANCED ORCHESTRATION—Second half quarter. Four periods. Two hours.
107. FORM ANALYSIS—First half quarter. Two hours.
108. ADVANCED FORM ANALYSIS—Second half quarter. Two hours.  
Continuation of Music 107. Required of music majors.
110. PRINCIPLES OF MUSIC ED.—Full quarter. Four hours.  
Prerequisites, Music 1b, 1c, 2, 10, 11.
111. CONDUCTING (by assignment)—Four periods. Full quarter. Two hours.
114. METHODS IN CONDUCTING—First half quarter. Four periods. Two hours.
122. APPRECIATION—(For the Concertgoer.)—First half quarter. Two periods. One hour.
130. INDIVIDUAL VOCAL LESSONS AND METHODS—One-half period. Full quarter. One hour.
131. INDIVIDUAL PIANO LESSONS AND METHODS—One-half period. Full quarter. One hour.
132. INDIVIDUAL VIOLIN LESSONS AND METHODS—One-half period. Full quarter. One hour.
133. INDIVIDUAL PIPE ORGAN LESSONS AND METHODS—One-half period. Full quarter. One hour.
134. INDIVIDUAL CELLO LESSONS AND METHODS—Every quarter. One hour. Fee \$24.00.
223. RESEARCH IN MUSIC—Full quarter. Four hours.
224. RESEARCH IN MUSIC—Full quarter. Four hours.
225. RESEARCH IN MUSIC—Full quarter. Two hours.

## NURSING EDUCATION

100. PRINCIPLES OF TEACHING APPLIED TO NURSING EDUCATION—First half quarter. Two hours.

This course is planned for those who are to teach principles and practice of nursing. A study of the scientific principles involved in the nursing care of patients, the selection of subject matter, the sequence of classes, the planning of lessons and demonstrations.

101. METHODS OF SUPERVISION APPLIED IN NURSING EDUCATION—First half quarter. Two hours.

A course planned for head nurses, supervisors, teachers and principals of schools of nursing, who need a knowledge of the principles of supervision and their application to the problems in the hospitals, schools of nursing, and public health organizations. It includes: (a) a study of the principles on which successful supervision is based, (b) investigation into the practice of successful supervision, and (c) professional problems involved.

## PHYSICAL EDUCATION AND ATHLETICS FOR WOMEN

(For detailed description of courses, see the Year Book)

Candidates for graduation should not take a required course for a half credit.

The courses offered during the summer are for those students majoring in this department. However, we offer a few general courses for those who wish an activity class during this quarter.

Those interested in getting a class on basketball coaching for girls should enroll in P. E. 100, first half. This is open to all coaches of basketball as well as majors in physical education.

A deposit will be charged for all locker keys.

### COURSES OFFERED TO THE GENERAL STUDENT

Hyg. 1a. PERSONAL HYGIENE FOR WOMEN—Four periods. Full quarter. Four hours.

Hyg. 2. MATERIALS AND METHODS FOR TEACHING HEALTH—Four periods. First half. Two hours.

The philosophy underlying various methods of teaching will be briefly considered. Texts and reference books will be examined. Opportunity will be given for each student to construct a teaching program to meet the needs of his situation.

1. CLOG AND ATHLETIC DANCING—Three periods. Either half or full quarter. One-half or one hour.

2. NATURAL DANCING—Three periods. First half or full quarter. One-half or one hour.

5. BEGINNING FOLK DANCING—Three periods. Either half or full quarter. One-half or one hour.

11. PLAYS AND GAMES—Three periods. Either half or full quarter. One-half or one hour.

13. BEGINNING TENNIS—Three periods. Either half or full quarter. One-half or one hour.

This course will consist of a study of the rules of tennis and practice in the game. Special attention will be given to the service and forearm and backhand drives.

13-A. A CONTINUATION OF P. E. 13.

The prerequisite for this course is P. E. 13, with a grade of either "A" or "B." The course will include more advanced tactics on court position and playing strategy, and the technic of strokes, including the lob, volley, half-volley, overhead smash, and chop.

26. BEGINNING SWIMMING—Four periods. Either half quarter. One hour.

27. INTERMEDIATE SWIMMING—Four periods. Either half quarter. One hour.

### COURSES PRIMARILY FOR MAJORS

100. COACHING METHODS—Five periods. Either half or full quarter. One or two hours.

103. NATURAL DANCING FOR MAJORS—Four periods. First half. One hour.

104. NATURAL DANCING FOR MAJORS—Four periods. Second half. One hour.

120. ANATOMY—Four periods. Full quarter. Four hours.

122. PHYSIOLOGY—Four periods. Full quarter. Four hours.

## PHYSICS

(For detailed description of courses, see the Year Book)  
Candidates for graduation should not take a required course for a half credit.

1. ELEMENTARY PHYSICS—THE FUNDAMENTAL NATURE OF ENERGY AND MATTER—Full quarter. Four hours. Fee \$3.00.

103. PRINCIPLES OF RADIO RECEPTION—Four periods. First half quarter. Two hours.

104. PRINCIPLES OF RADIO TRANSMISSION—Four periods. Second half quarter. Two hours.

108. METHODS OF TEACHING HIGH SCHOOL PHYSICS—First half quarter. Two hours.

118. PHOTOGRAPHY—Four periods. Second half quarter. Two hours. (Follows Visual Education 130).

223. RESEARCH IN PHYSICS—Full quarter. Four hours.

224. RESEARCH IN PHYSICS—On request. Four hours.

225. RESEARCH IN PHYSICS—On request. Two hours.

## SCIENCES

1. OUTLINES OF SCIENCE—Full quarter. Four hours.

2. OUTLINES OF SCIENCE—Full quarter. Four hours.

100—UNIT 1. THE TEACHING OF SCIENCE. First half quarter. One hour.

This work develops a pattern for the organization of an integrated program for the teaching of science through the grades of the elementary schools. Specific objectives for the work are stated in terms of acceptable generalizations from the fields of science. These are analyzed into smaller units with suggestions for grade placement. Data from studies in the psychology of learning will be considered in relation to recommendations for grade placement. Attention will also be given to the program of teacher training in science with analysis of studies relating to this field.

For students with teaching experience there will be opportunity for intensive work in the development of instructional material for the grade levels in which there is interest. Opportunity will also be offered for intensive study of problems of teacher training. For inexperienced teachers more attention will be given to demonstration of units of instruction selected for use on grade levels in which there is interest. If desired, conferences to meet the needs of teachers interested in these various phases of the work will be arranged.

100—UNIT 2. EVOLUTION. First half quarter. One hour.

How did both animate and inanimate things, even man himself come to be? This has been a question from the days of Aristotle. The ages have advanced two main answers—Special Creation and Evolution. This series of lectures and discussions will examine the validity of these two answers. It will trace the development of the idea of evolution, the factors underlying the process and the main evidences supporting it. Points of difference between Darwin's ideas and those of modern thinkers will be considered. This is an abridged course designed to give students general knowledge only of the fundamental principles of evolution. Those who wish to cover the field more completely take Biotics 100.

100—UNIT 3. THE MARVELS OF MODERN PHYSICS. Second half quarter. One hour.

This series consists of ten illustrated lectures of a popular nature, having as its object the making of the more interesting discoveries in the field of physics intelligible to those who have no knowledge of the subject. The three major contributions of physics to the present century will be discussed: the electrical nature of matter, the quantum theory of energy, and relativity. Technical expressions in mathematics will be avoided and illustrations used whenever possible.

100—UNIT 4. THE SERVICE OF SCIENCE IN PROLONGING HUMAN LIFE. Second half quarter. One hour.

The lectures in this unit will begin with a survey of early medical discoveries: the circulation of the blood, the cellular structure of organisms, the relation of micro-organisms to disease, and the antiseptics and anaesthesia in surgery. This will be followed by a brief study of the physiology of the human body, subsequently a consideration of some of the later scientific discoveries. Specific attention will be paid to the cases of malaria, yellow fever, hook worm infestation, and the social diseases. The modern knowledge of vitamins, and deficiency diseases and hormones and diseases of faulty metabolism will be reviewed. Anti-toxin, toxin anti-toxin and vaccines will be treated. The unit will close with a general summary of what has been accomplished by science in this field.

## SOCIOLOGY, ANTHROPOLOGY, AND ECONOMICS

(For detailed description of courses, see the Year Book)

Candidates for graduation should not take a required course for a half credit.

3. EDUCATIONAL SOCIOLOGY—Either half or full quarter. Two or four hours.

5. THE FAMILY—Either half or full quarter. Two or four hours.

105. INTRODUCTION TO THE SCIENCE OF SOCIOLOGY—Full quarter. Four hours.

Required of third year students.

110. PRINCIPLES OF ECONOMICS—Full quarter. Four hours.

122. COMPARATIVE RELIGION—First half or full quarter. Two or four hours.

130. THE SOCIOLOGICAL ASPECTS OF PATRIOTISM, PEACE, AND WAR—Either half or full quarter. Two or four hours.

135. RACES AND RACE PROBLEMS—Either half or full quarter. Two or four hours.

150. THE SOCIAL THEORY OF EDUCATION—Either half or full quarter. Two or four hours. Doctrines of Education based upon Organic Psychic and Social Evolution. Text, Dr. Howerth's "Theory of Education," and "The Art of Education."

223. RESEARCH IN SOCIOLOGY—Full quarter. Four hours.

224. RESEARCH IN SOCIOLOGY—Full quarter. Four hours.

225. RESEARCH IN SOCIOLOGY—Full quarter. Two hours.

## FIELD COURSES IN NATURAL SCIENCE

Students desiring to enroll in these classes are required to come first to Greeley, State Teachers College of Colorado, register, pay fees and spend three days on the campus. The next twenty-nine days are spent in the mountains. Headquarters for the classes will be at Camp Olympus. Three days in the week students take bus trips through the Rocky Mountain National Park or adjacent territory. Many of these trips are far up into the mountains above the timberline, over alpine meadows and across snow fields that endure even in August. For further information write to the College for the bulletin "*Mountain Classes in Natural Science.*"

### REGISTRATION

Students who wish to enroll for mountain classes for the first half of summer school will register Monday, June 16.

Students enrolling for the mountain classes conducted during the second half will register Monday, July 21.

These dates are arranged to permit students to enroll for mountain classes either half and campus classes the other half of the summer school. Students who wish to attend only five weeks may enroll for mountain classes either half.

THE COST

Tuition fees.....	\$16.00	
Laboratory fees, \$2.00 per course.....	4.00	
Board and lodging three days in Greeley.....	5.50	
Auto bus round trip Greeley to Estes Park.....	5.00	
Board and lodging 29 days at Olympus Inn.....	72.00	
Bus trips in Estes Park and vicinity.....	30.00	
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Total .....		\$132.50
Long's Peak trip, extra and optional.....	\$ 4.50	
Fees for non-residents of Colorado.....	2.50	7.00
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Total .....		\$139.50

THE COURSES

Instructor, A. E. SHIRLING

FIRST HALF SUMMER QUARTER, JUNE 16 TO JULY 19, 1930

Zoology 3. BIRD STUDY—Four hours.

Field work with birds of the Colorado mountains, consisting of identification, study of habits and habitat, nesting, food, etc. Field work will be supplemented with a lecture period each evening. Lectures will prepare the way for field work, and will also emphasize the characteristics of the different bird families and groups.

Botany 104. MOUNTAIN FLORA—Four hours.

In this course emphasis will be placed on mountain flora. Study periods will be spent in the field with flowers in their natural environment, determining their family characteristics and classification by means of an analytical key. Morning lectures will give a foundation for the field work and assist in the interpretation of various problems that arise. Great opportunity is given here for comparison of vegetation in the different climatic zones of northern United States and Canada to far polar regions by means of field trips into the alpine regions.

SECOND HALF SUMMER QUARTER, JULY 21 TO AUGUST 23, 1930

Elementary Science 1. NATURE STUDY—Four hours.

This course will consist of lectures and field work. The daily evening lecture periods will include discussion of the various phases of nature study as birds, flowers, animals, etc. Some attention will also be given to procedures in teaching nature material.

The daily field work will supplement the lectures, and will consist of observations and reports on various forms of plant and animal life appropriate for study in the environment of Estes Park and the Rocky Mountain National Park. Since opportunities are so favorable, some attention will also be given to the geological features along the way.

This field work will give rare opportunity for becoming familiar with mountain conditions. Three motor-bus trips a week will enable the class to see all the finer parts of the Rocky Mountain National Park. The three other days will be spent in the immediate neighborhood of Camp Olympus, Estes Park, which will be the headquarters of the class.

Botany 4. FORESTRY—Four hours.

The forests of the mountain slopes furnish a good laboratory. The study periods will be spent in the field making observations and reports on various problems pertaining to trees and forestry. Field trips will be made in conjunction with the course in Elementary Science, the time being divided between nature study and forestry.

The daily lecture period will be in the morning and will prepare the way for the field work. In these lectures various problems of forestry that are not available for direct, local observation will also be discussed. The entire course will be planned and presented from the popular rather than the technical standpoint, and the subject matter can be applied to teaching in the public schools.

## INSTRUCTIONS CONCERNING REGISTRATION

*Note*—Take this copy of the CATALOG with you when you register.

1. TIME AND PLACE FOR REGISTRATION—All registration takes place in Gunter Hall from 7:00 to 12:00 and from 1:00 to 4:00, Saturday, June 14.
2. ORDER OF REGISTRATION—Read page 2.
  - (a) Fill out the personal data card, with pen and present it for registration material.
  - (b) Fill out the temporary enrollment card with pen and have it signed by your faculty adviser. The latter card will admit you to class until you have registered permanently. It must be signed by each of your teachers before permanent registration.

The temporary card must be exchanged for permanent cards at the registrar's office. This exchange must be completed by 4:30 P. M. of the last day for permanent registration, June 20. Permanent cards, approved by the registrar, and marked "audited," by the treasurer, must be presented to your teachers not later than the date thus arranged. All students who have not complied with the provision on or before this date will be dropped from class. However, DO NOT ATTEMPT THIS EXCHANGE UNTIL YOU AND YOUR TEACHERS ARE COMPLETELY SATISFIED WITH YOUR SCHEDULE. Be sure to get a copy of further instructions to be given out on registration day.

3. STUDENT PROGRAM SIXTEEN OR SEVENTEEN HOURS—The normal program of a student is sixteen hours. An active physical exercise course giving one hour of credit may be added to any sixteen-hour program. Students whose outside work takes up a considerable part of their time should enroll for twelve to fifteen hours. Those wishing to take seventeen or eighteen hours regularly, exclusive of the exercise course must take the classification test, given at 2:00 P. M. on June 16, Little Theatre, Administration Building, unless a permit has been previously issued by the registrar. No schedules will be approved for more than eighteen hours under any condition. THIS TEST, TOGETHER WITH THE ENGLISH AND ACHIEVEMENT TESTS, MUST ALSO BE TAKEN AS A PART OF MATRICULATION.



4. The CLASSIFICATION, ENGLISH, and ACHIEVEMENT TESTS will be offered on June 16, 17, and 18, respectively, 2 P. M., Little Theatre in the Administration Building.

5. LATE REGISTRATION—A fee of \$1.00 is charged for registration after 4:00 P. M. the regular day, June 14. This fee is also exacted of students who register after the final date for permanent registration. Students more than two days late will have their programs cut in proportion to the time they miss from recitations.

6. PHYSICAL EXAMINATIONS—A health examination is required of each student who is a candidate for graduation in the summer quarter.

7. ENGLISH 0 and 4 are required of all candidates for graduation, no matter what English courses they may have had elsewhere in high school or college, unless they are excused from taking English 0 or both after passing the English Exemption Test. This test is given at the opening of each quarter, time and place to be announced. Students who have been formally graduated from any accredited normal school or teachers college are exempt from all junior college core subjects, including English 0 and 4.

8. Students who may have been admitted formerly on a basis other than satisfactory scores in matriculation tests or graduation from an accredited high school should determine their status at the present time. Likewise, all college credits must conform to standards effective September 1, 1924, as announced in recent year books.

9. HALF QUARTER COURSES—Credit is not given for a full quarter course carried for only a half quarter. Tentative conditional credit may be given by special arrangement with the teacher of the course and the registrar.

10. Candidates for graduation should NOT take a required course for half credit.

11. GRADUATE STUDENTS—The theses courses are numbered 224 and 225 in each department. These courses do not appear in the time schedule. Students must arrange with the head of department for convenient hours for conferences.

**FEEES**

Incidental fee, paid by all, \$32.00 per quarter; \$16.00 for the half quarter. Additional to non-residents of Colorado, \$5.00 for the full quarter; \$2.50 for the half quarter.

Library fee, paid by all, \$2.00.

Fees for less than a full program of sixteen hours:

1-2 quarter hours	\$ 5.00
3 quarter hours	7.50
4 quarter hours	10.00
5, 6, 7, 8 quarter hours	16.00
9 quarter hours (if taken during one half)	16.00
9 quarter hours (if taken during whole quarter)	20.00
10-11 quarter hours	25.00
12, 13, 14, 15, 16 quarter hours	32.00

(Library fee of \$2.00 to be added to above.)

*Fees for Laboratory and Materials*

*Art*

Art 2, 2a, 107	\$0.50
Art 13, 14	* 1.50

\*Fees are one-half the figures when courses are taken for half quarter.

*Biology*

Bacteriology 100	\$1.50
Biology 225	1.00
Biology 224	3.00
Botany 101, 201, 225	1.00
Botany 224	3.00
Elementary Science 1	1.00
General Science 1	1.50
Zoology 3, 107, 225	1.00
Zoology 108	1.50
Zoology 224	3.00

*Chemistry*

Chemistry, per quarter hour	\$1.00
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*Commercial*

Commercial Ed. 11, 13, 16	\$1.00
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*Home Economics*

H. E. 21, 22, 124	\$3.00
H. E. 25	3.50
H. E. 103	.50
H. E. 106	1.00
H. E. 221	4.00

<p><i>Industrial Arts</i></p> <p>Ind. Art 1, 2, 8a, 19, 100, 109b, 120.....*\$2.00</p> <p>Ind. Art 11, 12..... 1.00</p> <p>Bookbinding, all courses..... 1.00</p> <p><i>Music</i></p> <p>Fees for individual lessons to be paid before taking lessons. For fees see Mr. Cline, Director of the Conservatory.</p>	<p><i>Nursing Education.</i></p> <p>Nursing Ed. 102, 103.....\$3.50</p> <p><i>Physics</i></p> <p>Phys. 1, 103, 118.....\$3.00</p> <p><i>Physical Education</i></p> <p>P. E. 26, 27 (per half quarter)..... 2.00</p>
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\*Fees are one-half the figures when courses are taken for half quarter.

## SCHEDULE OF CLASSES

(Summer Quarter, 1930)

KEY to room abbreviations: Ad—Administration Building; Con—Conservatory of Music; G—Guggenheim Hall; GH—Gunter Hall; HE—Home Economics; L—Library; T—Training School.

Time and Catalogue No.	Descriptive Title of Course	Days	May Be Taken for Credit	Qr. Hrs.	Teacher	Suggested Room
<b>7:00—7:50</b>						
Art 13	Industrial Art Methods for Primary Grades	TWThF	1st Hf. or Full Qr.	2-4	Moore	G-204
Art 16	Freehand Drawing II	MTThF	1st Hf. or Full Qr.	2-4	Baker	G-200
Art 116	Advanced Freehand Drawing	MTThF	1st Hf. or Full Qr.	2-4	Baker	G-200
Bot. 101	Systematic Botany (Field Trips arranged)	MTWTh	Full Quarter	4	Arvidson	Ad-302
Bot. 201	Taxonomy (Field trips arranged)	MTWTh	Full Quarter	4	Arvidson	Ad-302
Chem. 110	Organic Chemistry (Lab. by appt.)	MW	Full Quarter	2-4	Bowers	Ad-1
Com. Ed. 4	Methods of Teaching Shorthand	MTThF	1st Half Quarter	2	Bedinger	Ad-211
Com. Ed. 36	Handwriting Methods (Freeman correlated)	MTWTh	1st Half Quarter	1	Hinds	Ad-214
Com. Ed. 36	Handwriting Methods (Palmer)	MTWTh	2nd Half Quarter	1	Judy	Ad-214
Com. Ed. 138	Commercial Law I	MTThF	2nd Half Quarter	2	Bedinger	Ad-211
Ed. 1	Introduction to Education	TWThF	Full Quarter	4	McCauley	
Ed. 3b	Social Arts—Primary Grades	TWThF	El. Hf. or Full Qr.	2-4	Rosenquist	
Ed. 110b	Citizenship Education—Intermediate Grades	MTThF	1st Half Quarter	2	Lehr	
Ed. 114	Primary Supervision	MTWTh	El. Hf. or Full Qr.	2-4	Turner	
Ed. 130	Visual Education	MTWTh	1st Half Quarter	2	Valentine	
Ed. 209	Advanced Problems of Curriculum Making	MTWTh	El. Hf. or Full Qr.	2-4	Rugg	Ad-303
El. Sci. 1	Elementary Science (Field trips arranged)	TWThF	Full Quarter	4	Selberg	
Eng. 16	Contemporary Literature	MTThF	Full Quarter	4	Newman	
Eng. 31	The Short Story	MTWTh	Full Quarter	4	Hawes	
Eng. 60	New Testament Literature	MTThF	1st Hf. or Full Qr.	2-4	Wilson	
Eng. 112	Children's Theater	MTThF	1st Hf. or Full Qr.	2-4	Blackburn	L-Th
Eng. 132	Development of the Novel	TWThF	Full Quarter	4	Pooley	
Geog. 154	Political Geography	MTThF	El. Hf. or Full Qr.	2-4	West	GH-203
Hist. 203	The Reformation	TWThF	Full Quarter	4	Zimmerman	
H. E. 7a	Household Management (Theory)	MTWTh	El. Half Quarter	2	Newburn	HE-305
H. E. 7b	Household Management (Practical)	Daily	Full Quarter	2	Newburn	Cottage

Time and Catalogue No.	Descriptive Title of Course	Days	for Credit May Be Taken	Gr. Hrs.	Teacher	Suggested Room
H. E. 100	Millinery (Double period)	TWThF	1st Hf. or Full Qr.	2-4	Roudebush	HE-301
H. E. 124	Dietetics (Double period)	MTThF	Full Quarter	4	Pickett	HE-202
Ind. Ed. 1	Constructive Woodworking I (Lab. by appt.)	MTWTh	Ei. Hf. or Full Qr.	2-4	Foukk	G-1
Ind. Ed. 8a	Art Metal (Lab. by appt.)	MWThF	Ei. Hf. or Full Qr.	2-4	Hadden	G-101
Ind. Ed. 31	Elements of Printing I (Lab. by appt.)	MTWTh	Ei. Hf. or Full Qr.	2-4	Bishop	HE-102
Ind. Ed. 34	Intermediate Printing I (Lab. by appt.)	MTWTh	Ei. Hf. or Full Qr.	2-4	Bishop	HE-102
Ind. Ed. 41a	Elementary Bookbinding and Leathercraft (Lab. by appt.)	MTWTh	Ei. Hf. or Full Qr.	2-4	Schaefer	G-100
Ind. Ed. 42c	History of Bookbinding	MTWTh	Ei. Hf. or Full Qr.	2-4	Schaefer	G-100
Ind. Ed. 109b	Art Metal and Jewelry II (Lab. by appt.)	TWThF	Ei. Hf. or Full Qr.	2-4	Hadden	G-101
Ind. Ed. 125	Class Management in Woodworking	MTWTh	Ei. Hf. or Full Qr.	2-4	Foukk	G-1
Ind. Ed. 143c	Advanced Bookbinding (Lab. by appt.)	MTWTh	Ei. Hf. or Full Qr.	2-4	Schaefer	G-100
Math. 9	Analytic Geometry	MTWTh	Ei. Hf. or Full Qr.	2-4	Mallory	
Math. 106	Descriptive Astronomy	MTWTh	Ei. Hf. or Full Qr.	2-4	Finley	
Mus. 110	Principles of Music Education	MTWTh	Full Quarter	4	Mohr	T-2
Mus. 114	Methods in Conducting	MTWTh	1st Half Quarter	2	Cline	Con. 14
P. E. 26	Swimming (Beginning)	TWThF	Ei. Half Quarter	1	Cave	Pool
P. E. 13	Tennis (Beginning)	TThF	Ei. Hf. or Full Qr.	1/2-1	Tenney	GH-107
Phys. 118	Photography (Listed as Physics 5 in 1929-30 Year Book)	MTWTh	2nd Half Quarter	2	Valentine	HE-106
Pol. Sci. 2	State Government	MTWTh	Full Quarter	4	Dickerson	
Psych. 2a	Educational Psychology	TWThF	Full Quarter	4	Wait	T-13
Psych. 117	Elementary Statistical Methods	TWThF	Full Quarter	4	Heilman	T-12
Science 1	Outlines of Science	MTWTh	Full Quarter	4	Herman	Ad-300
Zool. 3	Bird Study (Field trips arranged)	MTThF	Full Quarter	4	Harrah	Ad-304
<b>8:00-8:50</b>						
Art 2a	Fine Arts Methods for Intermediate and Junior High School	MTThF	1st Hf. or Full Qr.	2-4	Ogle	G-204
Art 3	Freehand Drawing I	MTWTh	1st Half Quarter	2	Reitzel	G-203
Art 5	Water Color Painting	TWThF	Ei. Hf. or Full Qr.	2-4	M. Thomas-Reitzel	G-105
Art 100	Supervision of Fine Arts Education	MTThF	1st Hf. or Full Qr.	2-4	Naber	G-202
Art 105	Water Color Painting	TWThF	Ei. Hf. or Full Qr.	2-4	M. Thomas-Reitzel	G-105
Ath. 3	First Aid	MTWTh	2nd Half Quarter	2	Von den Steinen	
Ath. 36	Recreational Tennis	MTW	Ei. Hf. or Full Qr.	1/2-1	Cooper	Courts

Time and Catalogue No.	Descriptive Title of Course	Days	May Be Taken for Credit	Qr. Hrs.	Teacher	Suggested Room
Ath. 169	Baseball Coaching	MTWThF	1st Half Quarter	2	Brown	Field
Ath. 180	Athletic Training	MTWThF	1st Half Quarter	2	Von den Steinen	Field
Chem. 112	Food Chemistry (Lab. by appt.)	MW	Full Quarter	2-4	Bowers	Ad-1
Com. Ed. 13	Typewriting III	TWThF	1st Half Quarter	2	Knies	Ad-213
Com. Ed. 36	Handwriting Methods (Freeman Correlated)	MTWTh	1st Half Quarter	1	Hinds	Ad-214
Com. Ed. 36	Handwriting Methods (Palmer)	MTWTh	2nd Half Quarter	1	Judy	Ad-214
Com. Ed. 41	Materials and Methods for Junior Business Training	TWThF	2nd Half Quarter	2	Knies	Ad-213
Com. Ed. 140	Investments	MTWTh	1st Half Quarter	2	Colvin	Ad-211
Com. Ed. 165	Business Administration	MTWTh	2nd Half Quarter	2	Colvin	Ad-211
Ed. 10	Problems of Education	TWThF	Full Quarter	4	McCowen	Ad-211
Ed. 21	Rural School Problems	MTWTh	Ei. Hf. or Full Qr.	2-4	Ogle	
Ed. 110	Extra-Curricular Activities	MTWTh	Ei. Hf. or Full Qr.	2-4	Schorling, Hamilton, Prunty	
Ed. 111	Philosophy of Education	TWThF	Full Quarter	4	Mahan	
Ed. 125	Rural Education	MTWTh	Ei. Hf. or Full Qr.	2-4	Hargrove	
Ed. 244	Problems of Educational Administration (Third advanced course)	MTWTh	Ei. Hf. or Full Qr.	2-4	Troxel	
El. Sci. 1	Elementary Science (Field trips arranged)	MTWTh	Full Quarter	4	Arvidson	Ad-301
Eng. 4	Speaking and Writing	MTWTh	Full Quarter	4	Hawes	
Eng. 12	Oral Expression	MTWTh	2nd Half Quarter	2	Blackburn	
Eng. 105	Oral English in the High School	MTThF	1st Half Quarter	2	Blackburn	
Eng. 120	Lytic Poetry	MTThF	Ei. Hf. or Full Qr.	2	Tobey	
Eng. 129	Shakespeare's Tragedies	TWThF	Ei. Hf. or Full Qr.	2-4	Lindou	
Eng. 161	Old Testament Literature	MTThF	Ei. Hf. or Full Qr.	2-4	Wilson	
For. Lang. 53	Foreign Language (French)	TTh	Full Quarter	2	Multroney	
Gen. Sci. 1	General Science (2 hrs. lab. 2 to 4 Wed.)	TWThF	Full Quarter	4	Selberg	Ad-303
Geog. 10	Methods and Materials in Geography for Intermediate Grades	TWThF	Full Quarter	4	Selberg	Ad-303
Geog. 152	Problems of South American Geography	MTThF	Full Quarter	4	West	GH-203
Hist. 10	Social and Economic History of the U. S.	MTWTh	Ei. Hf. or Full Qr.	2-4	Barker	
Hist. 208	American Revolution	MTWTh	Full Quarter	4	Peake	
H. E. 3	Garment Making (double period)	MTWTh	Full Quarter	4	Dickerson	HE-304
H. E. 4	Elementary Dressmaking (double period)	MTThF	Full Quarter	4	Wiebking	HE-304
Ind. Ed. 33	Principles of Printing Design (Lab. by appt.)	MTWTh	Ei. Hf. or Full Qr.	2-4	Wiebking Bishop	HE-102

Time and Catalogue No.	Descriptive Title of Course	Days	May Be Taken for Credit	Qr. Hrs.	Teacher	Suggested Room
Ind. Ed. 100	Woodshop Problems (Lab. by appt.)	MTWTh	Ei. Hf. or Full Qr.	2-4	Foulk	G-1
Ind. Ed. 132	Advanced Printing I (Lab. by appt.)	MTWTh	Ei. Hf. or Full Qr.	2-4	Bishop	HE-102
Math. 1	College Algebra	MTWTh	Ei. Hf. or Full Qr.	2-4	Saunders	
Math. 104	The Teaching of Arithmetic	MTWTh	Ei. Hf. or Full Qr.	2-4	Finley	
Math. 107	Teaching Junior High Mathematics	MTWTh	Ei. Hf. or Full Qr.	2-4	Mallory	
Mus. 25	Outline of Music	MTWTh	Full Quarter	2	Mohr	Con-14
Mus. 45	Orchestral Instruments	MTWTh	Full Quarter	2	Thomas	Con-6
Mus. 105	Beginning Orchestration	MTWTh	1st Half Quarter	2	Cline	Con-6
Mus. 106	Advanced Orchestration	MTWTh	2nd Half Quarter	2	Cline	Con-6
P. E. 13	Tennis (Intermediate)	TThF	Ei. Hf. or Full Qr.	1/2-1	Tenney	GH-107
P. E. 122	Physiology	TWThF	Full Quarter	4	Cave	
Phys. 1	Elementary College Physics (Lab. Wed. or Fri. 8-10)	MTTh	Full Quarter	4	Valentine	HE-106
Psych. 100a	Unit Course—Mental Hygiene, July 21 to July 31, inclusive	Daily	2nd Half Quarter	1	Ebaugh	T-13
Psych. 104	Psychology Elementary School Subjects	MTWTh	Ei. Hf. or Full Qr.	2-4	Heilman	
Psych. 115	Abnormal Psychology and Mental Hygiene	TWThF	Full Quarter	4	Wait	T-12
Psych. 214	Advanced Educational Psychology	MTWTh	Full Quarter	4	Hertzberg	
Soc. 105	Introduction to Science of Sociology	TWThF	Full Quarter	4	Binnewies	
Soc. 150	Social Theory of Education	MTWTh	Ei. Hf. or Full Qr.	2-4	Howerth	
Span. 1, 2, 3	Elementary Spanish (double period—Second recitation at 11 o'clock compulsory)	MTWThF	Full Quarter	12	Davis	
Span. 150	Spanish Poetry	MW	Full Quarter	2	Mulroney	
Zool. 108	Embryology (four hours lab. arranged)	MTThF	Full Quarter	4	Harran	Ad-304
<b>9:00-9:50</b>						
Art 1	Art Appreciation	MTThF	Full Quarter	2	Baker	G-200
Art 4	Design	MTThF	1st Hf. or Full Qr.	2-4	Naber	G-204
Art 103	Art Structure III	TWThF	1st Half Quarter	2	Thomas	G-105
Art 108	Pottery	TWThF	1st Hf. or Full Qr.	2-4	Moore	
Ath. 40	Elementary Swimming	Daily	Ei. Hf. Quarter	1	Brown-Cooper	Pool
Ath. 166	Basketball Coaching	Daily	1st Half Quarter	2	Cooper	Gym
Biol. 101	Genetics and Eugenics	MTWTh	Full Quarter	4	Jean	
Chem. 7	Qualitative Analysis (Lab. by appt.)	MTWTh	Ei. Hf. or Full Qr.	2-4	Bowers	Ad-6
Chem. 7b	Qualitative Analysis (Lab. by appt.)	Arrange	Ei. Hf. or Full Qr.	2-4	Bowers	Ad-6

Time and Catalogue No.	Descriptive Title of Course	Days	May Be Taken for Credit	Qr. Hrs.	Teacher	Suggested Room
Chem. 114b	Quantitative Analysis (Lab. by apt.)	MTWTh	Ei. Hf. or Full Qr.	2-4	Bowers	Ad-6
Com. Ed. 11	Typewriting I	TWThF	1st Hf. or Full Qr.	2-4	Knies	Ad-213
Com. Ed. 106	Secretarial Science	MTThF	1st Hf. or Full Qr.	2-4	Bedinger	Ad-211
Com. Ed. 151	Accounting II	MTWTh	Full Quarter	4	Colvin	Ad-214
Ed. 2a	Pre-Teaching Observation in the Elementary School	TWThF	Full Quarter	2	Davis and Training Teachers	
Ed. 4a	Language Arts—Intermediate Grades	TWThF	Ei. Hf. or Full Qr.	2-4	McCowen	
Ed. 24	The Rural Community	MTWTh	2nd Half Quarter	2	Ogle	
Ed. 28	School and Home Gardens	MTWTh	2nd Half Quarter	2	Hargrove	
Ed. 100k	Unit Course in Guidance Problems in the Junior High School (August 4-14)	Daily	2nd Half Quarter	1	Hamilton	
Ed. 100m	Unit Course in Citizenship Education, Junior High School (June 30-July 10)	Daily	1st Half Quarter	1	Hamilton	
Ed. 116	Organization and Administration of the Senior High School	MTWTh	Full Quarter	4	Schorling, McClintock, Frunty	
Ed. 118	Character Education	MTWTh	Ei. Hf. or Full Qr.	2-4	Rugg	
Ed. 127	Special Rural School Methods	MTWTh	1st Half Quarter	2	Hargrove	
Ed. 134	History of Education in the United States	TWThF	Full Quarter	4	Mahan	
Ed. 142	School Administration—First Course	MTWTh	Ei. Hf. or Full Qr.	2-4	Stutsman, Hunt	
Ed. 145	Platoon School	MTWTh	1st Half Quarter	2	Risley	
Ed. 192	Training School Problems	MTWTh	2nd Half Quarter	2	Armentrout	
Ed. 213	Problems of the Junior High School (First advanced course)	MTWTh	Ei. Hf. or Full Qr.	2-4	Troxel	
Ed. 259	Problems of Elementary Education (Soc. Sci., Problem Meth. Soc. Recit.)	MTWTh	Ei. Hf. or Full Qr.	2-4	McKee	
Eng. 0	Fundamentals in English	TWThF	Full Quarter	0	Lindou	
Eng. 11	The English Language	TWThF	Ei. Hf. or Full Qr.	2-4	Pooley	
Eng. 100	Journalism	MTWTh	Full Quarter	4	Shaw	
Eng. 108	Comparative Literature, Italian, Spanish and French	MTThF	Full Quarter	4	Tobey	
Eng. 131	The International Note in Literature	MTThF	Ei. Hf. or Full Qr.	2-4	Newman	
French 1	Elementary French	MTWTh	Full Quarter	4	Davis	
Geog. 199	Conservation of National Resources	MTThF	Ei. Hf. or Full Qr.	2-4	Barker	



Time and Catalogue No.	Descriptive Title of Course	Days	May Be Taken for Credit	Qr. Hrs.	Teacher	Suggested Room
Hist. 1	Foundations of American Nationality	MTWTh	Full Quarter	4	Peake	
Hist. 216	Latin American History	TWThF	Full Quarter	4	Zimmerman	
H. E. 1	Pattern Designing	MTWThF	1st Hf. or Full Qr.	2-4	Roudebush	HE-301
H. E. 24	Elementary Nutrition	MTWTh	Full Quarter	4	Newburn	HE-305
H. E. 125	Child Care and Child Welfare	MTThF	Full Quarter	4	Pickett	HE-207
Hyg. 1	Hygiene for Men	MTWTh	Full Quarter	4	Von den Steinen	GH-205
Hyg. 1a	Personal Hygiene (for women)	MTWTh	Full Quarter	4	Bryson	GH-201
Ind. Ed. 2	Constructive Woodworking II (Lab. by appt.)	MTWTh	Ei. Hf. or Full Qr.	2-4	Fouk	G-1
Ind. Ed. 11	Projection, Shade and Shadow (Lab. by appt.)	TWThF	Ei. Hf. or Full Qr.	2-4	Hadden	G-104
Ind. Ed. 12	Principles of Architectural Drawing I (Lab. by appt.)	TWThF	Ei. Hf. or Full Qr.	2-4	Hadden	G-104
Ind. Ed. 33	Principles of Printing Design (Lab. by appt.)	MTWTh	Ei. Hf. or Full Qr.	2-4	Bishop	HE-102
Ind. Ed. 34	Intermediate Printing I (Lab. by appt.)	MTWTh	Ei. Hf. or Full Qr.	2-4	Bishop	HE-102
Ind. Ed. 41b	Elementary Bookbinding and Leathercraft (Lab. by appt.)	MTWTh	Ei. Hf. or Full Qr.	2-4	Schaefer	G-100
Ind. Ed. 125	Class Management in Woodworking	MTWTh	Ei. Hf. or Full Qr.	2-4	Fouk	G-1
Ind. Ed. 144b	Advanced Bookbinding	MTWTh	Ei. Hf. or Full Qr.	2-4	Schaefer	G-100
Lib. Sci. 106	Children's Literature and Juvenile Library Service	MTThF	Full Quarter	4	Schilpp	L-6
Math. 2	Plane Trigonometry	MTWTh	Ei. Hf. or Full Qr.	2-4	Saunders	Con-14
Mus. 1b	Sight-singing	MTThF	1st Half Quarter	2	Opp	Con-14
Mus. 1c	Advanced Sight-singing	MTThF	2nd Half Quarter	2	Opp	Con-6
Mus. 103	Beginning Counterpoint	MTWTh	1st Half Quarter	2	Thomas	Con-6
Mus. 104	Advanced Counterpoint	MTWTh	2nd Half Quarter	2	Thomas	Con-6
Nurs. Ed 100	Principles of Teaching Applied to Nursing Education	Daily	1st Half Quarter	2	Kandel	
P. E. 2	Natural Dancing (Beginning)	MTTh	1st Hf. or Full Qr.	1/2-1	Springer	GH-202
P. E. 120	Anatomy	TWThF	Full Quarter	4	Cave	GH-205
Phys. 103	Principles of Radio Reception	MTWTh	1st Half Quarter	2	Valentine	HE-106
Phys. 104	Principles of Radio Transmission	MTWTh	2nd Half Quarter	2	Valentine	HE-106
Psych. 2b	Educational Psychology	MTWTh	Full Quarter	4	Hertzberg	T-13

Time and Catalogue No.	Descriptive Title of Course	Days	May Be Taken for Credit	Qr. Hrs.	Teacher	Suggested Room
Psych. 100b	Unit Course—Personality Problems in School Children, July 21 to July 31 inclusive	Daily	2nd Half Quarter	1	Ebaugh	
Psych. 103	Psychology of Adolescence	MTWTh	1st Half Quarter	2	Merriman	
Psych. 108a	Educational Measurements in Elementary Grades and Junior High School	TWThF	El. Hf. or Full Qr.	2-4	Poole	T-12
Psych. 222	Experimental Technic and Its Application	Arrange	Full Quarter	4	Whitney	Ad-300
Sci. 2	Outlines of Science	MTThF	Full Quarter	4	Harrah	
Soc. 3	Educational Sociology	TWThF	El. Hf. or Full Qr.	2-4	Binniewies	
Soc. 105	Introduction to Science of Sociology	MTWTh	Full Quarter	4	Howarth	Ad-208
Soc. 122	Comparative Religions	MTThF	1st Hf. or Full Qr.	2-4	Wilson	
Span. 5	Intermediate Spanish	MTWTh	Full Quarter	4	Muironey	
<b>10:00-10:50</b>						
Art 14	Industrial Art Methods for Intermediate and Junior High	TWThF	1st Hf. or Full Qr.	2-4	Moore	G-204
Art 101	Drawing from the Figure	MTWTh	1st Hf. or Full Qr.	2-4	Reitzel	G-105
Art 106	Teaching of Art Appreciation	MTThF	El. Half Quarter	2	Baker	G-200
Ath. 60	Plays and Games	Daily	2nd Half Quarter	1	Cooper	Gym
Ath. 52	Mat Work and Tumbling	MTWTh	El. Hf. or Full Qr.	1½-1	Von den Steinen	GH-104
Ath. 165	Football Coaching	MTWThF	1st Half Quarter	2	Saunders	
Ath. 170	Organization and Administration	MTWTh	1st Half Quarter	2	Cooper	
Chem. 1	General Chemistry (Lab. by appt.)	MW	Full Quarter	2-4	Bowers	Ad-1
Com. Ed. 1	Shorthand I	MTThF	1st Hf. or Full Qr.	2-4	Bedinger	Ad-214
Com. Ed. 138	Commercial Law I	MTWTh	1st Half Quarter	2	Hinds	Ad-211
Com. Ed. 212	Commercial Education in Secondary Schools	MTWTh	Full Quarter	4	Colvin	Ad-212
Ed. 2c	Pre-Teaching Observation in the Secondary School (academic subjects)	MTWTh	Full Quarter	2	Wrinkle and Training Teachers	
Ed. 4a	Language Arts in Intermediate Grades	TWThF	El. Hf. or Full Qr.	2-4	McCowen	
Ed. 20	Agricultural Education	MTWTh	El. Hf. or Full Qr.	2-4	Hargrove	

Time and Catalogue No.	Descriptive Title of Course	Days	May Be Taken for Credit	Qr. Hrs.	Teacher	Suggested Room
Ed. 101	Methods of Teaching in the High School	MTWTh	1st Half Quarter	2	Stutsman	
Ed. 113	Organization and Administration of the Junior High School	MTWTh	Full Quarter	4	Schorling, Hamilton, Prunty	
Ed. 144	School Publicity	MTWTh	1st Half Quarter	2	Shaw, Risley	
Ed. 218	Problems of Secondary Education (Third advanced course)	MTWTh	Ei. Hf. or Full Qr.	2-4	Troxel	
Ed. 260	Problems of Elementary Education (Hand-writing, Composition, Arithmetic)	MTWTh	Ei. Hf. or Full Qr.	2-4	McKee	
Eng. 10	English Literature, 1798-1900	MTWTh	Full Quarter	4	Hawes	
Eng. 14	Dramatic Art	MTThF	Full Quarter	4	Blackburn	
Eng. 21	An Outline of Literature to 1800	MTThF	Full Quarter	4	Newman	
Eng. 210	Old English	TWThF	Full Quarter	4	Pooley	
Geog. 7	Business Geography	MTThF	Ei. Hf. or Full Qr.	2-4	West	
Geog. 124	Zoogeography	MTThF	Ei. Hf. or Full Qr.	2-4	Barker	
Hist. 5	Early Modern Europe	MTWTh	Full Quarter	4	Peake	
H. E. 25	Cookery and Table Service for Home-makers (double period)	MTThF	1st Hf. or Full Qr.	2-4	Pickett	HE-204
H. E. 106	Home Care of the Sick	MTThF	Full Quarter	4	Wiebking	HE-304
Hyg. 1a	Personal Hygiene (for women)	MTWTh	Full Quarter	4	Bryson	GH-201
Ind. Ed. 104	Vocational Education (Lab. by appt.)	TWThF	Ei. Hf. or Full Qr.	2-4	Hadden	
Ind. Ed. 132	Advanced Printing I (Lab. by appt.)	MTWTh	Ei. Hf. or Full Qr.	2-4	Bishop	
Math. 104	The Teaching of Arithmetic	MTWTh	Ei. Hf. or Full Qr.	2-4	Finley	
Math. 110	Geometry for Teachers	MTWTh	Ei. Hf. or Full Qr.	2-4	Mallory	
Mus. 1a	Rudiments and Methods	MTWTh	Full Quarter	4	Mohr	T-2
Mus. 2	Tonethinking and Melody Writing	MTThF	2nd Half Quarter	2	Opp	Con-6
Mus. 22	Appreciation of Music	MTThF	1st Half Quarter	2	Opp	Con-14
P. E. 1	Clog and Athletic Dancing	TThF	Ei. Hf. or Full Qr.	1/2-1	Cave	GH-107
P. E. 27	Intermediate Swimming	MTWTh	Ei. Half Quarter	1	Doubenmier	Pool
P. E. 103	Natural Dancing for Majors	MTWTh	1st Half Quarter	1	Springer	GH-202
P. E. 104	Natural Dancing for Majors	MTWTh	2nd Half Quarter	1	Springer	GH-202
Pol. Sci. 101	History of the Foreign Policy of the United States	MTWTh	Full Quarter	4	Dickerson	
Psych. 3	Child Development	TWThF	Full Quarter	4	Wait	T-13
Psych. 107	Mental Tests and Measurements	MTWTh	Full Quarter	4	Hertzberg	

Time and Catalogue No.	Descriptive Title of Course	Days	May Be Taken for Credit	Qr. Hrs.	Teacher	Suggested Room
Psych. 108c	Classroom Tests	MTWTh	Full Quarter	4	Heilman	T-12
Soc. 5	The Family	TWThF	Ei. Hf. or Full Qr.	2-4	Binnewies	
Soc. 130	Sociological Aspects of Patriotism	MTWTh	Ei. Hf. or Full Qr.	2-4	Howarth	
Span. 105	Advanced Spanish	MTThF	Full Quarter	4	Mulroney	
Science 100	Unit Courses					
	Unit 1—The Teaching of Science, June 18-July 2	MTWThF	1st Half Quarter	1	Powers	
	Unit 2—Evolution, July 7-18	MTWThF	1st Half Quarter	1	Jean	
	Unit 3—The Marvels of Modern Physics, July 21-August 1	MTWThF	2nd Half Quarter	1	Valentine	
	Unit 4—The Service of Science in Prolonging Human Life, August 4-15	MTWThF	2nd Half Quarter	1	Fitzpatrick	
<b>11:00-11:50</b>						
Art 2	Fine Art Methods for Primary Grades	MTThF	1st Hf. or Full Qr.	2-4	Naber	G-200
Art 17	Lettering and Poster Composition	TWThF	Ei. Half Quarter	2	Moore	G-203
Art 117	Lettering and Design	TWThF	Ei. Half Quarter	2	Moore	G-203
Art 120	Oil Painting (Double period. Lab. by Appt.)	MTWTh	1st Hf. or Full Qr.	2-4	Reitzel	G-105
Ath. 168	Track Coaching	MTWThF	1st Half Quarter	2	Saunders	Field
Ath. 172	Officiating and Management	MTWTh	1st Half Quarter	2	Cooper	
Bact. 100	General Bacteriology (Three hrs. Lab. 2-5 Tuesday)	TWThF	Full Quarter	4	Selberg	Ad-303
Chem. 2	General Chemistry (Lab. by appt.)	MW	Full Quarter	2-4	Bowers	Ad-1
Chem. 114	Quantitative Analysis (Lab. by appt.)	Arrange	Ei. Hf. or Full Qr.	2-4	Bowers	Ad-6
Chem. 117	Teaching of Chemistry	Arrange	Full Quarter	4	Bowers	Ad-1
Com. Ed. 2	Shorthand II	MTThF	Full Quarter	4	Bedinger	Ad-212
Com. Ed. 37	Business Mathematics	MTWTh	1st Half Quarter	2	Hinds	Ad-211
Com. Ed. 150	Accounting I	MTWTh	1st Hf. or Full Qr.	2-4	Colvin	Ad-214
Ed. 2c	Pre-teaching Observation in the Secondary School (Special subjects)	MTWTh	Full Quarter	2		
Ed. 3c	Kindergarten-Primary Materials	MTWTh	1st Half Quarter	2	Lyford	
Ed. 15	Educational Guidance	MTWTh	1st Half Quarter	2	Essert	
Ed. 23	Rural School Management	MTWTh	Ei. Hf. or Full Qr.	2-4	Hargrove	
Ed. 107	Methods of Improving Reading	TWThF	Ei. Hf. or Full Qr.	2-4	Davis	
Ed. 108	Educational Supervision	TWThF	Ei. Hf. or Full Qr.	2-4	McCowen	

Time and Catalogue No.	Descriptive Title of Course	Days	May Be Taken for Credit	Gr. Hrs.	Teacher	Suggested Room
Ed. 111	Philosophy of Education	TWThF	Full Quarter	4	Mahan	
Ed. 115	Organization and Administration of the Elementary School	MTWTh	Ei. Hf. or Full Qr.	2-4	Risley, McClintock	
Ed. 129	Current Educational Thought	MTWTh	Ei. Hf. or Full Qr.	2-4	Visiting Instructors	
Ed. 143	School Administration—Second Course (School Bldgs., Educ. Finance)	MTWTh	Ei. Hf. or Full Qr.	2-4	Stutsman, Hunt	
Ed. 152	The Child and the School	MTWTh	2nd Half Quarter	2	Lyford	
Ed. 230	History of Philosophy	MTWTh	Full Quarter	4	Armentrout	
Ed. 258	Problems of Elementary Education (Spelling, Reading, Literature)	MTWTh	Ei. Hf. or Full Qr.	2-4	McKee	
El. Sci. 1	Elementary Science (Field trips arranged)	MTWTh	Full Quarter	4	Arvidson	
Eng. 2	Literature for the Junior High School	MTThF	Full Quarter	4	Tobey	
Eng. 20	Advanced Composition	TWThF	Full Quarter	4	Lindou	
Eng. 22	An Outline of Literature (19th Century)	MTThF	Full Quarter	4	Newman	
Eng. 106	English in the High School	MTThF	Full Quarter	4	Carney	
Eng. 130	Elizabethan Drama	MTWTh	Full Quarter	4	Hawes	
French 5	Intermediate French	MTWTh	Full Quarter	4	Mulroney	
Geog. 15	Methods and Materials for Teaching Junior High School Geography	MTThF	Ei. Hf. or Full Qr.	2-4	West	
Hist. 117	Teaching of History in Junior and Senior High Schools	MTWTh	Full Quarter	4	Dickerson	
Hist. 221	History of the Far East	MTWTh	Full Quarter	4	Peake	
H. E. 5	Dress Appreciation	MTThF	Full Quarter	4	Wiebking	HE-304
H. E. 103	Costume Design	MTThF	Full Quarter	4	Wiebking	HE-304
Hys. 2	Materials and Methods for Teaching Health	MTWTh	1st Half Quarter	2	Bryson	
Ind. Ed. 19	Woodturning (Lab. by appt.)	MTWTh	Ei. Hf. or Full Qr.	2-4	Foulk	G-1
Ind. Ed. 31	Elements of Printing I (Lab. by appt.)	MTWTh	Ei. Hf. or Full Qr.	2-4	Bishop	HE-102
Ind. Ed. 36	Intermediate Printing III (Lab. by appt.)	MTWTh	Ei. Hf. or Full Qr.	2-4	Bishop	HE-102
Ind. Ed. 42a	Intermediate Bookbinding and Leathercraft (Lab. by appt.)	MTWTh	Ei. Hf. or Full Qr.	2-4	Schaefer	G-100
Ind. Ed. 117	Machine Drawing I (Lab. by appt.)	TWThF	Ei. Hf. or Full Qr.	2-4	Hadden	G-104
Ind. Ed. 120	Advanced Woodturning (Lab. by appt.)	MTWTh	Ei. Hf. or Full Qr.	2-4	Foulk	G-1
Ind. Ed. 143a	Advanced Bookbinding (Lab. by appt.)	MTWTh	Ei. Hf. or Full Qr.	2-4	Schaefer	G-100
Ind. Ed. 144c	Advanced Bookbinding (Lab. by appt.)	MTWTh	Ei. Hf. or Full Qr.	2-4	Schaefer	G-100
Math. 101	Differential Calculus	MTWTh	Ei. Hf. or Full Qr.	2-4	Mallory	

Time and Catalogue No.	Descriptive Title of Course	Days	May Be Taken for Credit	Qr. Hrs.	Teacher	Suggested Room
Math. 102	Integral Calculus	MTWTh	Ei. Hf. or Full Qr.	2-4	Mallory	
Math. 201	Differential Equations	MTWTh	Ei. Hf. or Full Qr.	2-4	Finley	
Mus. 3	Beginning Harmony	MTWTh	Full Quarter	4	Thomas	Con-14
Mus. 107	Form Analysis	MTThF	1st Half Quarter	2	Opp	
Mus. 108	Form Analysis	MTThF	2nd Half Quarter	2	Opp	
Nurs. Ed. 101	Methods of Supervision Applied in Nursing Education	Daily	1st Half Quarter	2	Kandel	
P. E. 11	Plays and Games	TThF	Ei. Hf. or Full Qr.	½-1	Cave	GH-107
P. E. 26	Swimming (Beginning)	MTWTh	Ei. Half Quarter	1	Springer	Pool
Phys. 108	Methods of Teaching High School	MTWTh	1st Half Quarter	2	Valentine	HE-106
Psych. 2a	Educational Psychology	TWThF	Full Quarter	4	Poole	T-13
Psych. 105	Psychology Senior High School Subjects	TWThF	Ei. Hf. or Full Qr.	2-4	Wait	
Psych. 119	Psychology and Measurements of Personal- ity Traits	MTWTh	1st Half Quarter	2	Merriman	T-12
Soc. 110	Principles of Economics	TWThF	Full Quarter	4	Binnewies	
Soc. 135	Races and Race Problems	MTWTh	Ei. Hf. or Full Qr.	2-4	Howerth	
Span. 1, 2, 3	Elementary Spanish (double period. First recitation at 8 o'clock compulsory)	TWThF	Full Quarter	12	Davis	
<b>12:00-12:50</b>						
Art 2	Fine Arts Methods for Primary Grades	MTThF	1st Hf. or Full Qr.	2-4	Naber	G-200
Art 12	Color Theory and Composition	MTWTh	1st Hf. or Full Qr.	2-4	Reitzel	G-105
Art 107	Constructive Design	MTThF	1st Hf. or Full Qr.	2-4	Ogie	G-204
Com. Ed. 16	Methods of Teaching Filing	TWThF	1st Half Quarter	2	Knies	Ad-214
Com. Ed. 157	Methods of Teaching Bookkeeping	TWThF	2nd Half Quarter	2	Knies	Ad-214
Ed. 1	Introduction to Education	TWThF	Full Quarter	4	McCauley	
Ed. 3a	Language Arts—Primary Grades	MTWTh	Ei. Hf. or Full Qr.	2-4	Dulin	
Ed. 3c	Kindergarten—Primary Materials	MTWTh	2nd Half Quarter	2	Harrison	
Ed. 100e	Unit Course—County Superintendents, No. 14 (School Records and Reports), June 16-26	Daily	1st week, TTh2dwk.	1st Half Quarter	1	Troxel

Time and Catalogue No.	Descriptive Title of Course	Days	May Be Taken for Credit	Gr. Hrs.	Teacher	Suggested Room
Ed. 100g	Unit Courses in Major Classes of Knowledge Unit 1—Recreational Education (June 16-26)	Daily	1st Half Quarter	1	Stutsman	
	Unit 2—Economic Industrial Education (June 30-July 10)	Daily	1st Half Quarter	1	Binnewies	
	Unit 3—Home and Family Education (July 30-August 10)	Daily	2nd Half Quarter	1	Roudebush	
	Unit 4—Citizenship Education (August 14-24)	Daily	2nd Half Quarter	1	Rugg	
Ed. 117	School Discipline	MTWTh	2nd Half Quarter	2	Hunt	
Ed. 128	County School Administration	MTWTh	2nd Half Quarter	2	Ogle	
Ed. 150	Foundations of Method	MTWTh	Ei. Hf. or Full Qr.	2-4	Risley, McClintock	
Ed. 151	Pre-School Education	MTWTh	Ei. Hf. or Full Qr.	2-4	Lyford	
Ed. 168	Problems of Religious Education	MTWTh	Ei. Hf. or Full Qr.	2-4	Wilson	
Eng. 1	Literature for the Elementary School	MTThF	Full Quarter	4	Tobey	
Eng. 4	Speaking and Writing	MTThF	Full Quarter	4	Pooley	
Eng. 6	American Literature	TWThF	Full Quarter	4	Lindou	
Eng. 13	Story Telling	MTThF	Ei. Hf. or Full Qr.	2-4	Stewart	
Eng. 132	Development of the Novel	TWThF	Full Quarter	4	Pooley	
Geog. 50	Home Geography and Geography of Colo.	MTThF	Full Quarter	4	Barker	
Geog. 103	Climatology	MTThF	Ei. Hf. or Full Qr.	2-4	Pogue	
H. E. 27	Observation and Methods	Arrange	Full Quarter	2	Newburn	HE-305
H. E. 107	Home Decoration	MTThF	Full Quarter	4	Wiebking	HE-304
Ind. Ed. 201	Seminar	MTThF	Full Quarter	4	Hadden	
Mus. 10	Methods for Teaching Music	MTWTh	Full Quarter	4	Mohr	T-2
Mus. 20	History of Ancient Music	MTWTh	1st Half Quarter	2	Cline	Con-14
Mus. 21	History of Modern Music	MTWTh	2nd Half Quarter	2	Cline	Con-14
Mus. 23	Music Literature	MTThF	2nd Half Quarter	2	Opp	Con-14
P. E. 5	Folk Dancing (Beginning)	TThF	Ei. Hf. or Full Qr.	1½-1	Cave	GH-107
P. E. 26	Swimming (Beginning)	MTWTh	Ei. Half Quarter	1	Springer	Pool
Psych. 2b	Educational Psychology	TWThF	Full Quarter	4	Poole	T-13
Psych. 108b	Educational Measurements in Senior High School	MTWTh	Ei. Hf. or Full Qr.	2-4	Hertzberg	T-12
Psych. 118	Graphic Methods	MTWTh	Ei. Hf. or Full Qr.	2-4	Bishop	G-106
Psych. 216	Psychology of Individual Differences	MTWTh	1st Half Quarter	2	Merriman	
Zool. 107	Elementary Entomology (Three hrs. Lab. by arrangement)	MTThF	1st Half Quarter	4	Harrah	Ad-304

Time and Catalogue No.	Descriptive Title of Course	Days	May Be Taken for Credit	Qr. Hrs.	Teacher	Suggested Room
<b>2:00-2:50</b>						
Art 122	Etching and Printmaking (double period)	TTh	1st Half Quarter	2	Thomas	G-204
Ath. 70	Advanced Swimming	Daily	EI. Half Quarter	1	Brown, Cooper	Pool
Ed. 16	Camp Fire Leadership	MTWTh	EI. Half Quarter	2	Lee	
Ed. 17	Boy Scoutmaster's Training Course	MTWTh	1st Half Quarter	2	Moore	
Ed. 100e	Unit Course—County Superintendents, No. 15 (Supervised Study), June 16-26	Daily	1st Half Quarter	1	Mahan	
Ed. 100L	Unit Course in Educational Values, June 16-26	Daily	1st Half Quarter	1	Counts	
Ed. 223	Research in Education—1st quarter—Thesis course for graduate students	MTWTh	Full Quarter	4	Whitney	HE-207
H. E. 21	Foods and Cookery (double period)	MTThF	Full Quarter	4	Pickett	HE-304
H. E. 201	Advanced Textiles	MTThF	Full Quarter	4	Wiebking	HE-305
H. E. 226	Research in Nutrition	MT	Full Quarter	2	Newburn	
H. E. 240	Problems and Methods of Home Economics Teaching	MTWTh	Full Quarter	4	Roudebush	HE-301
Mus. 122	Appreciation of Music for the Concertgoer	TTh	1st Half Quarter	1	Southard	Con-14
P. E. 100	Coaching Methods	MTWThF	EI. Hf. or Full Qr.	1-2	Tenney	GH-107
<b>3:00-3:50</b>						
Ed. 100e	Unit Course—County Superintendents, No. 16, Practical Supervisory Methods for Rural Schools, June 16-26	Daily	1st Half Quarter	1	Og'le	
Ed. 100j	Unit Course—International Education, June 16-26	Daily	1st Half Quarter	1	Counts	HE-301
H. E. 204	Housing and Its Related Problems	MTWTh	Full Quarter	4	Roudebush	HE-202
H. E. 221	Experimental Cookery	MTThF	Full Quarter	4	Pickett	Con-14
Mus. 43	Orchestra	MW	Full Quarter	1	Thomas	Con-14
Mus. 44	Band	TTh	Full Quarter	1	Thomas	Con-14
P. E. 13a	Intermediate Tennis	MTTh	EI. Hf. or Full Qr.	½-1	Tenney	GH-107
P. E. 27	Intermediate Swimming	MTWTh	EI. Half Quarter	1	Doubenmier	Pool
<b>4:00-4:50</b>						
P. E. 13	Beginning Tennis	MTTh	EI. Hf. or Full Qr.	½-1	Tenney	GH-107
Mus. 101	Chorus	TTh	Full Quarter	1	Mohr	Con-14



TEXTBOOKS

Art

- 2. The Beginnings of Art in the Public Schools—Mathias.
- 2a. Art in the Elementary School—Mathias.
- 4. Composition—Dow; Design in Theory and Practice—Batchelder.
- 17-117. Writing Illuminating and Lettering—Edward Johnston.
- 100. Organization and Teaching of Art—Winslow.
- 13 and 14. Industrial Arts for Elementary Schools—Bonser and Mossman.

Biology

- 100. Bacteriology—Buchanan; Laboratory Technique for Bacteriology—Levine.
- 101. Genetics—Walter (Revised); Applied Eugenics—Popenoe and Johnson.
- 101-201. New Manual of Rocky Mountain Botany—Coulter and Nelson.
- 3. Western Bird Guide—Reed.
- 107. Applied Entomology—Fernald.
- 108. Vertebrate Embryology—Reese.
  - 1. Our Living World—Downing.
  - 1. Everyday Problems in Science—Pieper and Beauchamp.

Chemistry

- 1, 2, 3. Introductory College Chemistry—Gordon; 7. Qualitative Analysis—W. W. Scott.
- Chemistry 110, 111. Organic Chemistry—Remsen & Orndorff; Laboratory Manual of Organic Chemistry—W. R. Orndorff.
- 112. Household Chemistry—Vulte.
- 114. Quantitative Analysis—Popoff.

Commercial Education

- 1 and 2. Gregg Shorthand Manual (Last Edition).
- 11 and 13. Twentieth Century Typewriting Manual.
- 16. Modern Filing and Yawman and Erbe Equipment.
- 36. Palmer Method Manual; Freeman Correlated Handwriting.
- 37. Smith's Arithmetic of Business.
- 106. Secretarial Science—McNamara.
- 138. Commercial Law—Peters and Pomeroy.
- 140. Investments—Jordan.
- 150 and 151. Introductory Accounting—Powelson.
- 165. Types of Business Enterprise—Cross.
- 224 and 225. Research and thesis.

Education

- 1. Introduction to Education (Revised Edition) — Frasier and Armentrout; Beginning Teaching—Avent.
- 3a. The Primary School—Moore; How to Teach Reading—Pennell & Cusack.

- 3b. Teaching Arithmetic in the Primary Grades—Morton.
- 3c. Spontaneous and Supervised Play—Sies; International Kindergarten Union, Selected List of Poetry and Stories.
- 4a. Reading Objectives—Anderson & Davidson; Fourth Yearbook, Department of Superintendence.
10. Principles of Education—Chapman & Counts; How to Make a Curriculum—Bobbitt.
15. Educational and Vocational Guidance—Proctor.
- 16 and 16a. Symbol Books, Song Books, and Manuals. Camp Fire Girls.
20. Rural Life and Education—Cromwell.
21. Problems of the Rural Teacher—Pittman.
23. Rural School Methods—Ritter & Wilmarth.
24. The Rural Community—MacGarr.
28. School and Home Gardens—Quear.
101. Modern Methods in High School Teaching—Douglass.
107. Twenty-fourth Yearbook, Part I, National Society for the Study of Education; Summary of Investigations Relating to Reading—Gray.
108. Supervision of Instruction—Nutt.
110. Summary of Investigations in Extra-Curriculum Activities—Rugg, Earle.
111. Source Book in the Philosophy of Education—Kilpatrick; Syllabus in the Philosophy of Education—Kilpatrick.
114. Supervision of Instruction—Barr & Burton.
115. The Principal and His School—Cubberley.
116. High School Administration—Cook.
125. Rural Education—Brim.
126. An Experiment with a Project Curriculum—Collings.
134. Public Education in the United States—Cubberley.
142. Public School Administration—Cubberley.
143. An Introduction to Public School Finance—Pittenger; Handbook of Instructions for Recording Disbursements.
150. Foundations of Method—Kilpatrick.
151. Child Guidance—Blanton & Blanton.
192. Conduct of Student Teaching—Armentrout.
210. Twenty-sixth Yearbook, Parts I & II, National Society for the Study of Education.
230. Story of Philosophy—Durant.
215. The Junior High School—Koos.
217. Principles of Secondary Education—Uhl.
240. The Dean of Women—Mathews.
242. Problems of Educational Administration—Strayer & Engelhardt.

**English and Literature**

0. The Little Grammar and the Little Book of English Composition, Cross.
- 1 and 2. Children's Literature—Curry-Clippenger.
4. Woolley's Hand Book, Practice Leaves in English Fundamentals Form C.
9. Heath's Readings in English Literature.
11. Fundamentals in English—Cross.
13. Stories and How to Tell Them—Esenwein and Stockard.
14. A Technique in Dramatic Art—Bosworth.
20. New Hand Book of Composition—Woolley.
31. The Short Story—Cross.
105. Speech Training and Public Speaking for Secondary Schools—Drummond.
106. Bulletin No. 2, 1917, Department of the Interior; Reorganization of English in Secondary Schools.
128. Shakespeare's Complete Works (one volume)—Cambridge Edition.
134. An Outline of Contemporary Drama—Dickinson.
161. Literature of the Old Testament—Bewer.

**Foreign Languages**

- Spanish 1, 2, 3. Hills and Ford, Spanish Grammar for Colleges; Hills and Cano—Cuentos y Leyendas.
- Spanish 5. Seymour and Carnahan, Short Review Grammar; Juan Manuel—El Conde Lucanor.
- Spanish 105. Hartzbusch, Los Amantes de Teruel; Echegaray—El Gran Galeoto; Tomayo y Baus—Un Drama Nuevo.
- French 1. Study of grammar pronunciation together with some reading.
- French 5. Carnahan's Short Review Grammar and a Selection of short stories.
- Foreign Language 53 (French). A two-hour course in the elements of French, stressing pronunciation, destined especially for music majors, but open to others.

**History**

1. Foundations of American Nationality—Greene.
5. Political and Social History of Europe, Vol. I—Hayes.
10. American Economic History—Faulkner.
203. The Age of the Reformation—Smith.
216. The Republics of Latin America—James and Martin.

**Political Science**

2. State Government, Second Edition—Dodd.
101. American Foreign Policy—Latané.

**Mathematics**

1. College Algebra—Hart.
2. Trigonometry—Rothrock.
9. Analytic Geometry—Smith & Gale.
- 101, 102—Calculus—Granville.
104. Teaching Arithmetic—Morton.
106. Astronomy—Moulton.
107. Teaching Junior High School Mathematics—Smith & Reeve.
201. Differential Equations—Murray.

**Music**

- 1A to 10—Elementary Teachers Book "Music Hour Series."
- 1A, 10, 11—Course of Study in Music for the Elementary School—Mohr.
- 3 and 4. Beginners Harmony—Orem.
11. Music Appreciation for Every Child—Glenn; DeForest—Loury;
- 18 & 7c—Melodia—Cole—Lewis.
- 20, 21—Essentials in Music History—Tapper—Goetschius.
25. Music and Music-Makers—Morse.
110. Art—Clive Bell.
110. Psychology of Beauty—Puffer.  
(Primary-Intermediate-Junior High Volumes).
103. Counterpoint Simplified—York.
105. Instrumentation—Prout.
107. Lessons in Music Form—Goetschius.
110. Principles of Musical Education—Mursell.
114. Methods in Conducting—Gehrrens.

**Psychology**

- 2a. Psychology for Students of Education—Gates; Educational Psychology—Jordan.
- 2b. Same books as for 2a.
- 100a. Everyday Problems of the Everyday Child—Thom.
- 100b. Personality Problems in School Children—Zachary.
103. Psychology of Adolescence—Brooks.
104. Psychology of Elementary School Subjects—Reed.
105. Psychology of Secondary School Subjects—Judd.
107. Measurements of Intelligence, Terman.
- 108a. Educational Tests and Measurements (Revised)—Monroe, De Voss & Kelly.
- 108b. Measurement in Secondary Education—Symonds.
- 108c. Traditional Examinations and New Type Tests—Odell.
117. Statistics in Psychology and Education—Garrett.
118. Graphic Methods in Education—Williams.
119. The Psychology of Personality—Valentine.
214. Educational Psychology, Vol. II—Thorndike.
216. The Psychology of Individual Differences—Ellis.
222. How to Experiment in Education—McCall,





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# THE CALENDAR

FOR THE

SUMMER QUARTER

1930

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*June 14—Saturday.....Registration Day for the Summer Quarter*

*June 16—Monday.....Classes begin*

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*A fee of one dollar is collected for late registration, after Saturday, June 14. Also one dollar is charged for late registration for the second half, July 21.*

*July 19—Saturday.....The first half of the Summer Quarter closes.*

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*Students, if possible, should enroll June 14 for the full quarter, but they have the privilege of enrolling for either half quarter independent of the other. Many courses run through the first half quarter only. Some run through the second half quarter only. Most of the courses, especially the required courses, must be taken throughout the whole quarter before any credit will be given.*

*July 19—Saturday.....New enrollment for the second half quarter.*

*July 21—Monday.....Classes begin*

*Aug. 23—Saturday.....The Summer Quarter closes. Graduation Day.*

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# The Official Program of Courses

Summer Quarter 1930

Revised, June 1

Including the Schedule of Lectures,  
Book Reviews, Entertainments, and  
Other Extra-Curricular Activities



Colorado State Teachers College

Greeley

FIRST HALF QUARTER: Saturday, June 14 to Saturday, July 19

SECOND HALF QUARTER: Monday, July 21 to Saturday, August 23



# Lectures, Entertainments and Book Reviews

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For the Summer Quarter of 1930 the college is providing a series of open lectures, entertainments, plays, and book reviews open to students and the public. All these are given without admission charge except the few entertainments and plays that are brought at a considerable expense and are given as benefits for some college enterprise or organization.

**COLLEGE ASSEMBLIES AND EVENING LECTURES:** There will be an all-college assembly with required attendance and roll call once a week, usually on Monday at 7:00 P. M., in Gunter Hall. Attendance at other evening assemblies and lectures is urged, because they will be well worth while, but attendance is voluntary.

**BOOK REVIEWS:** Book reviews and occasional free open lectures will be held usually four times a week at 4:00 P. M. in the Little Theater. Open to all.

**PLAYS AND ENTERTAINMENTS:** A few plays and entertainments will be given in the Little Theater on certain evenings at 8:15 o'clock when there is no assembly or evening lecture. Small admission fees will be charged.

**COLLEGE DANCES:** Attendance of students at open public dances is not permitted, but each Friday evening from 9:00 to 11:30 there will be a dance in the woman's gymnasium, Gunter Hall. These dances are given under the direction of the college and are properly chaperoned. Attendance is limited to college students, faculty, and guests with tickets issued by the dean of women upon due request of students. Good music. Admission 50c.

**EXCURSIONS, PICNICS, ETC.:** The college is sponsoring a variety of outings during the summer quarter. So far as these were definitely arranged at the time of the printing of this pamphlet, they are announced herein. Others organized later will be advertised at appropriate times. **NOTE:** See the illustrated booklet *Student Outdoor Life* for details of excursions.



## INSTRUCTIONS CONCERNING REGISTRATION

*Note*—Take this copy of the CATALOG with you when you register.

1. **TIME AND PLACE FOR REGISTRATION**—All registration takes place in Gunter Hall from 7:00 to 12:00 and from 1:00 to 4:00, Saturday, June 14.

### 2. ORDER OF REGISTRATION.

(a) Fill out the personal data card with PEN and present it for registration material.

(b) Fill out the temporary enrollment card with PEN and have it signed by your faculty adviser. The latter card will admit you to class until you have registered permanently. It must be signed by each of your teachers before permanent registration.

The temporary card must be exchanged for permanent cards at the registrar's office. This exchange must be completed by 4:30 P. M. of the last day for permanent registration, June 20. Permanent cards, approved by the registrar, and marked "audited" by the treasurer, must be presented to your teachers not later than the date thus arranged. All students who have not complied with the provision on or before this date will be dropped from class. However, **DO NOT ATTEMPT THIS EXCHANGE UNTIL YOU AND YOUR TEACHERS ARE COMPLETELY SATISFIED WITH YOUR SCHEDULE.** Be sure to get a copy of further instructions to be given out on registration day.

3. **STUDENT PROGRAM SIXTEEN OR SEVENTEEN HOURS**—The normal program of a student is sixteen hours. An active physical exercise course giving one hour of credit may be added to any sixteen-hour program for students below the junior year. Students whose outside work takes up a considerable part of their time should enroll for twelve to fifteen hours. Those wishing to take seventeen or eighteen hours regularly, exclusive of the exercise course, must take the classification test, given at 2:00 P. M. on June 16, Little Theater, Administration Building, unless a permit has been previously issued by the registrar. No schedules will be approved for more than eighteen hours under any condition. **THIS TEST, TOGETHER WITH THE ENGLISH AND ACHIEVEMENT TESTS, MUST ALSO BE TAKEN AS A PART OF MATRICULATION.**

4. The CLASSIFICATION, ENGLISH, and ACHIEVEMENT TESTS will be offered on June 16, 17 and 18, respectively, 2 P. M., Little Theater in the Administration Building.

5. LATE REGISTRATION—A fee of \$1.00 is charged for registration after 4:00 P. M. the regular day, June 14. This fee is also exacted of students who register after the final date for permanent registration. Students more than two days late will have their programs cut in proportion to the time they miss from recitations.

6. HEALTH EXAMINATION—A health examination is required of each student who is a candidate for graduation in the summer quarter.

7. ENGLISH 0 and 4 are required of all candidates for graduation, no matter what English courses they may have had elsewhere in high school or college, unless they are excused from taking English 0 or both after passing the English Exemption Test. This test is given at the opening of each quarter, time and place to be announced. Students who have been formally graduated from any accredited normal school or teachers college are exempt from all junior college core subjects, including English 0 and 4.

8. Students who may have been admitted formerly on a basis other than satisfactory scores in matriculation tests or graduation from an accredited high school should determine their status at the present time. Likewise, all college credits must conform to standards effective September 1, 1924, as announced in recent year books.

9. HALF QUARTER COURSES—Credit is not given for a full quarter course carried for only a half quarter.

10. Candidates for graduation should NOT take a required course for half credit.

11. GRADUATE STUDENTS—The theses courses are numbered 224 and 225 in each department. These courses do not appear in the time schedule. Students must arrange with the head of the department for convenient hours for conferences.

12. All students matriculating must have photograph made for the records. This will be taken in Room L12, and must be attended to during the first week.

## SCHEDULE OF CLASSES

KEY to room abbreviations: Ad—Administration Building; Con—Conservatory of Music; G—Guggenheim Hall; GH—Gunter Hall; HE—Home Economics; L—Library; T—Training School; LTH—Little Theatre.

Time and Catalogue No.	Descriptive Title of Course	Days	May Be Taken for Credit	Qr. Hrs.	Teacher	Suggested Room
7:00—7:50						
Art 13	Industrial Art Methods for Primary Grades	MTThF	1st Hf. or Full Qr.	2-4	Moore	G-204
Art 16	Freehand Drawing II	MTThF	1st Hf. or Full Qr.	2-4	Baker	G-200
Art 116	Advanced Freehand Drawing	MTThF	1st Hf. or Full Qr.	2-4	Baker	G-200
Bot. 101	Systematic Botany (Field trips arranged)	MTWTh	Full Quarter	4	Arvidson	Ad-302
Bot. 201	Taxonomy (Field trips arranged)	MTWTh	Full Quarter	4	Arvidson	Ad-302
Chem. 110	Organic Chemistry (Lab. by appt.)	MW	Full Quarter	2-4	Bowers	Ad-1
Com. Ed. 4	Methods of Teaching Shorthand	MTThF	1st Half Quarter	2	Bedinger	Ad-212
Com. Ed. 36	Handwriting Methods (Freeman correlated)	MTWTh	1st Half Quarter	1	Hinds	Ad-214
Com. Ed. 36	Handwriting Methods (Palmer)	MTWTh	2nd Half Quarter	1	Judy	Ad-214
Com. Ed. 138	Commercial Law I	MTThF	Full Quarter	2	Bedinger	Ad-211
Ed. 1	Introduction to Education	TWThF	Full Quarter	4	McCauley	Ad-205
Ed. 3b	Social Arts—Primary Grades	TWThF	Full Quarter	4	Rosenquist	T-210
Ed. 4a	Language Arts—Intermediate Grades	TWThF	Full Quarter	4	McCowen	T-218
Ed. 24	The Rural Community	TWThF	Ei. Hf. or Full Qr.	2-4	Ogle	GH-201
Ed. 110b	Citizenship Education—Intermediate Grades	MTWTh	1st Half Quarter	2	Lehr	T-215
Ed. 114	Primary Supervision	MTWTh	Ei. Hf. or Full Qr.	2-4	Turner	T-209
Ed. 127	Special Rural School Methods	MTWTh	First Half	2	Hargrove	GH-205
Ed. 130	Visual Education	MTWTh	1st Half Quarter	2	Valentine	HE-106
Ed. 142	School Administration. First Course	MTWTh	Ei. Hf. or Full Qr.	2-4	Stutsman-Hunt	T-219
Ed. 144	School Publicity	MTWTh	First Half	2	Shaw-Risley	T-208
*Ed. 209	Advanced Problems of Curriculum Making	MTWTh	Ei. Hf. or Full Qr.	2-4	Rugg	Ad-203
El. Sci. 1	Elementary Science (Field trips arranged)	TWThF	Full Quarter	4	Selberg	Ad-303
Eng. 16	Contemporary Literature	MTThF	Full Quarter	4	Newman	Ad-207
Eng. 31	The Short Story	TWThF	Full Quarter	4	Hawes	Ad-202
Eng. 60	New Testament Literature	MTThF	1st Hf. or Full Qr.	2-4	Wilson	T-206

\*Do not take Ed. 100g (units 1-4) with Ed. 209

Time and Catalogue No.	Descriptive Title of Course	Days	May Be Taken for Credit	Qr. Hrs.	Teacher	Suggested Room
Eng. 112	Children's Theater	MTThF	1st Hf. or Full Qr.	2-4	Blackburn	LTh
Eng. 132	Development of the Novel	TWThF	Full Quarter	4	Pooley	T-207
Eng. 154	Political Geography	MTThF	Ei. Hf. or Full Qr.	2-4	West	GH-203
Hist. 203	The Reformation	TWThF	Ei. Hf. or Full Qr.	2-4	Zimmerman	L-1
H. E. 7a	Household Management (Theory)	MTWTh	Ei. Half Quarter	2	Newburn	HE-305
H. E. 7b	Household Management (Practical)	Daily	Full Quarter	2	Newburn	Cottage
H. E. 100	Millinery (Double period)	TWThF	1st Hf. or Full Qr.	2-4	Roudebush	HE-301
H. E. 124	Dietetics (Double period)	MTThF	Full Quarter	4	Pickett	HE-202
Ind. Ed. 1	Constructive Woodworking I (Lab. by appt.)	MTWTh	Ei. Hf. or Full Qr.	2-4	Fouk	G-1
Ind. Ed. 8a	Art Metal (Lab. by appt.)	MWThF	Ei. Hf. or Full Qr.	2-4	Hadden	G-101
Ind. Ed. 31	Elements of Printing I (Lab. by appt.)	MTWTh	Ei. Hf. or Full Qr.	2-4	Bishop	HE-102
Ind. Ed. 34	Intermediate Printing I (Lab. by appt.)	MTWTh	Ei. Hf. or Full Qr.	2-4	Bishop	HE-102
Ind. Ed. 41a	Elementary Bookbinding and Leathercraft (Lab. by appt.)	MTWTh	Ei. Hf. or Full Qr.	2-4	Schaefer	G-100
Ind. Ed. 42c	History of Bookbinding	MTWTh	Ei. Hf. or Full Qr.	2-4	Schaefer	G-100
Ind. Ed. 109b	Art Metal and Jewelry II (Lab. by appt.)	TWThF	Ei. Hf. or Full Qr.	2-4	Hadden	G-101
Ind. Ed. 125	Class Management in Woodworking	MTWTh	Ei. Hf. or Full Qr.	2-4	Fouk	G-1
Ind. Ed. 143c	Advanced Bookbinding (Lab. by appt.)	MTWTh	Ei. Hf. or Full Qr.	2-4	Schaefer	G-100
Math. 9	Analytic Geometry	MTWTh	Ei. Hf. or Full Qr.	2-4	Mallory	T-205
Math. 106	Descriptive Astronomy	MTWTh	Ei. Hf. or Full Qr.	2-4	Finley	Ad-210
Mus. 110	Principles of Music Education	MTWTh	Full Quarter	4	Mohr	T-2
Mus. 114	Methods in Conducting	MTWTh	1st Half Quarter	2	Cline	Con. 14
P. E. 26	Swimming (Beginning)	TWThF	Ei. Half Quarter	1	Cave	Pool
P. E. 13	Tennis (Beginning)	TThF	Ei. Hf. or Full Qr.	½-1	Tenney	GH-107
Phys. 118	Photography (Listed as Physics 5 in 1929-30 Year Book)	MTWTh	2nd Half Quarter	2	Valentine	HE-106
Pol. Sci. 2	State Government	MTWTh	Full Quarter	4	Dickerson	Ad-104
Psych. 2a	Educational Psychology	TWThF	Full Quarter	4	Wait	T-13
Psych. 117	Elementary Statistical Methods	MTWTh	Full Quarter	4	Heilman	T-12
Science 1	Outlines of Science	MTWTh	Full Quarter	4	Herman	Ad-300
Zool. 3	Bird Study (Field trips arranged)	MTThF	Full Quarter	4	Harrah	Ad-304



Time and  
Catalogue No.

8:00—8:50

Time and Catalogue No.	Descriptive Title of Course	Days	May Be Taken for Credit	Qr. Hrs.	Teacher	Suggested Room
Art 2a	Fine Arts Methods for Intermediate and Junior High School	MTWThF	1st Hf. or Full Qr.	2-4	Ogle	G-204
Art 3	Freehand Drawing I	MTWTh	1st Half Quarter	2	Reitzel	G-203
Art 5	Water Color Painting	TWThF	Ei. Hf. or Full Qr.	2-4	M. Thomas-Reitzel	G-105
Art 100	Supervision of Fine Arts Education	MTThF	1st Hf. or Full Qr.	2-4	Naber	G-202
Art 105	Water Color Painting	TWThF	Ei. Hf. or Full Qr.	2-4	M. Thomas-Reitzel	G-105
Art 108	Pottery	MTThF	1st Hf. or Full Qr.	2-4	Moore	G-
Ath. 36	Recreational Tennis	MTW	Ei. Hf. or Full Qr.	1½-1	Cooper	Courts
Ath. 169	Baseball Coaching	MTThF	1st Half Quarter	2	Brown	Field
Chem. 112	Food Chemistry (Lab. by appt.)	MW	Full Quarter	2-4	Bowers	Ad-1
Com. Ed. 13	Typewriting III	TWThF	1st Half Quarter	2	Knies	Ad-213
Com. Ed. 36	Handwriting Methods (Freeman Correlated)	MTWTh	1st Half Quarter	1	Hinds	Ad-214
Com. Ed. 36	Handwriting Methods (Palmer)	MTWTh	2nd Half Quarter	1	Judy	Ad-214
Com. Ed. 41	Materials and Methods for Junior Business Training	TWThF	2nd Half Quarter	2	Knies	Ad-213
Com. Ed. 140	Investments	MTWTh	1st Half Quarter	2	Colvin	Ad-212
Com. Ed. 165	Business Administration	MTWTh	2nd Half Quarter	2	Colvin	Ad-212
Ed. 10	Problems of Education	TWThF	Full Quarter	4	McCowen	T-215
Ed. 21	Rural School Problems	MTWTh	Ei. Hf. or Full Qr.	2-4	Ogle	Ad-300
Ed. 110	Extra-Curricular Activities	MTWTh	Ei. Hf. or Full Qr.	2-4	Schorling, Hamilton, Prunty	Ad-203
Ed. 111	Philosophy of Education	TWThF	Full Quarter	4	Mahan	Ad-103
Ed. 125	Rural Education	MTWTh	Ei. Hf. or Full Qr.	2-4	Hargrove	Ad-207
Ed. 244	Problems of Educational Administration (Third advanced course)	MTWTh	Ei. Hf. or Full Qr.	2-4	Troxel	Ad-205
El. Sci. 1	Elementary Science (Field trips arranged)	MTWTh	Full Quarter	4	Arvidson	Ad-301
Eng. 4	Speaking and Writing	TWThF	Full Quarter	4	Hawes	Ad-202
Eng. 12	Oral Expression	MTThF	2nd Half Quarter	2	Blackburn	LTh
Eng. 105	Oral English in the High School	MTThF	1st Half Quarter	2	Blackburn	LTh
Eng. 120	Lyric Poetry	MTThF	Ei. Hf. or Full Qr.	2-4	Tobey	T-211
Eng. 129	Shakespeare's Tragedies	TWThF	Ei. Hf. or Full Qr.	2-4	Lindou	HE-306
Eng. 161	Old Testament Literature	MTThF	Ei. Hf. or Full Qr.	2-4	Wilson	HE-207

Time and Catalogue No.	Descriptive Title of Course	Days	May Be Taken for Credit	Qr. Hrs.	Teacher	Suggested Room
For. Lang. 53	Foreign Language (French)	TTh	Full Quarter	2	Muironey	L-6
Gen. Sci. 1	General Science (2 hrs. lab. 2 to 4 Wed.)	TWThF	Full Quarter	4	Selberg	Ad-303
Geog. 10	Methods and Materials in Geography for Intermediate Grades	MTThF	Full Quarter	4	West	GH-203
Geog. 152	Problems of South American Geography	MTThF	Ei. Hf. or Full Qr.	2-4	Barker	GH-103
Hist. 10	Social and Economic History of the U. S.	MTWTh	Full Quarter	4	Peake	Ad-104
Hist. 208	American Revolution	MTWTh	Ei. Hf. or Full Qr.	2-4	Dickerson	L-1
H. E. 107	Home Decoration	MTThF	Full Quarter	4	Wiebking	HE-301
Hyg. 1	Hygiene for Men	MTWTh	Full Quarter	4	Von den Steinen	GH-201
Ind. Ed. 33	Principles of Printing Design (Lab. by appt.)	MTWTh	Ei. Hf. or Full Qr.	2-4	Bishop	HE-102
Ind. Ed. 100	Woodshop Problems (Lab. by appt.)	MTWTh	Ei. Hf. or Full Qr.	2-4	Foulk	G-1
Ind. Ed. 132	Advanced Printing I (Lab. by appt.)	MTWTh	Ei. Hf. or Full Qr.	2-4	Bishop	HE-102
Math. 1	College Algebra	MTWTh	Ei. Hf. or Full Qr.	2-4	Tobey	T-204
Math. 104	The Teaching of Arithmetic	MTWTh	Ei. Hf. or Full Qr.	2-4	Finley	Ad-210
Math. 107	Teaching Junior High Mathematics	MTWTh	Ei. Hf. or Full Qr.	2-4	Mallory	T-205
Mus. 25	Outline of Music	MTWTh	Full Quarter	2	Mohr	T-2
Mus. 45	Orchestral Instruments	MTWTh	Full Quarter	2	Thomas	Con-14
Mus. 105	Beginning Orchestration	MTWTh	1st Half Quarter	2	Cline	Con-6
Mus. 106	Advanced Orchestration	MTWTh	2nd Half Quarter	2	Cline	Con-6
P. E. 13	Tennis (Intermediate)	TThF	Ei. Hf. or Full Qr.	½-1	Tenney	GH-107
P. E. 122	Physiology	TWThF	Full Quarter	4	Cave	GH-205
Phys. 1	Elementary College Physics (Lab. Wed. or Fri. 8-10)	MTTh	Full Quarter	4	Valentine	HE-106
Psych. 100a	Unit Course—Mental Hygiene, July 21. to July 31, inclusive	MTTh	Full Quarter	4	Valentine	HE-106
Psych. 104	Psychology Elementary School Subjects	Daily	2nd Half Quarter	1	Ebaugh	T-11
Psych. 115	Abnormal Psychology and Mental Hygiene	MTWTh	Ei. Hf. or Full Qr.	2-4	Heilman	T-13
Psych. 214	Advanced Educational Psychology	TWThF	Full Quarter	4	Wait	HE-304
Soc. 105	Introduction to Science of Sociology	MTWTh	Full Quarter	4	Hertzberg	T-12
Soc. 150	Social Theory of Education	TWThF	Full Quarter	4	Binnewies	T-9
Span. 1, 2, 3	Elementary Spanish (double period—Second recitation at 11 o'clock compulsory)	MTWTh	Ei. Hf. or Full Qr.	2-4	Howerth	Ad-208
Span. 150	Spanish Poetry	MTWThF	Full Quarter	12	Davis	T-216
Zool. 108	Embryology (Four hours lab. arranged)	MW	Full Quarter	2	Muironey	L-6
		MTThF	Full Quarter	4	Harrah	Ad-304

Time and Catalogue No.      Descriptive Title of Course      Days      May Be Taken for Credit      Qr. Hrs.      Teacher      Suggested Room

9:00—9:50

Art 1	Art Appreciation	MTThF	Full Quarter	2	Baker	G-200
Art 4	Design	MTThF	1st. Hf. or Full Qr.	2-4	Naber	G-204
Art 103	Art Structure III	TWTThF	1st Half Quarter	2	Thomas	G-105
Ath. 3	First Aid	MTWTh	2nd Hf. Quarter	2	Von den Steinen	Office
Ath. 40	Elementary Swimming	Daily	Ei. Hf. Quarter	1	Brown-Cooper	Pool
Ath. 165	Football Coaching	MTWTh	1st Hf. Quarter	2	Cooper	Gym
Ath. 166	Basketball Coaching	MTWTh	1st Half Quarter	2	Saunders	GH-103
Ath. 180	Athletic Training	MTWTh	1st Hf. Quarter	2	Von den Steinen	Office
Biol. 101	Genetics and Eugenics	MTWTh	Full Quarter	4	Jean	Ad-301
Chem. 7	Qualitative Analysis (Lab. by appt.)	MTWTh	Ei. Hf. or Full Qr.	2-4	Bowers	Ad-6
Chem. 7b	Qualitative Analysis (Lab. by appt.)	Arrange	Ei. Hf. or Full Qr.	2-4	Bowers	Ad-6
Chem. 114b	Quantitative Analysis (Lab. by appt.)	MTWTh	Ei. Hf. or Full Qr.	2-4	Bowers	Ad-6
Com. Ed. 11	Typewriting I	TWTThF	1st Hf. or Full Qr.	2-4	Knies	Ad-213
Com. Ed. 106	Secretarial Science	MTThF	1st Hf. or Full Qr.	2-4	Bedinger	Ad-212
Com. Ed. 151	Accounting II	MTWTh	Full Quarter	4	Colvin	Ad-214
Ed. 2a	Pre-Teaching Observation in the Elementary School	TWTThF	Full Quarter	2	Davis and Training Teachers	T-216
Ed. 28	School and Home Gardens	MTWTh	2nd Half Quarter	2	Hargrove	Ad-210
Ed. 100k	Unit Course in Guidance Problems in the Junior High School (August 4-14)	Daily	2nd Half Quarter	1	Hamilton	Ad-203
Ed. 100m	Unit Course in Citizenship Education, Junior High School (June 30-July 10)	Daily	1st Half Quarter	1	Hamilton	Ad-203
Ed. 116	Organization and Administration of the Senior High School	MTWTh	Full Quarter	4	Schloring, McClintock, Prunty	Ad-103
Ed. 134	History of Education in the United States	TWTThF	Full Quarter	4	Mahan	Ad-207
Ed. 145	Platoon School	MTWTh	1st Half Quarter	2	Risley	T-205
Ed. 192	Training School Problems	MTWTh	2nd Half Quarter	2	Armentrout	T-205
Ed. 213	Problems of the Junior High School (First advanced course)	MTWTh	Ei. Hf. or Full Qr.	2-4	Troxel	L-1
Ed. 259	Problems of Elementary Education (Soc. Sci., Problem Meth. Soc. Recit.)	MTWTh	Ei. Hf. or Full Qr.	2-4	McKee	T-215
Eng. 11	The English Language	TWTThF	Ei. Hf. or Full Qr.	2-4	Pooley	HE-306

Time and Catalogue No.	Descriptive Title of Course	Days	May Be Taken for Credit	Gr. Hrs.	Teacher	Suggested Room
Eng. 100	Journalism	MTWTh	Full Quarter	4	Shaw	T-211
Eng. 108	Comparative Literature, Italian, Spanish and French	MTThF	Full Quarter	4	Tobey	Ad-202
Eng. 131	The International Note in Literature	MTThF	El. Hf. or Full Qr.	2-4	Newman	Ad-205
French 1	Elementary French	MTWTh	Full Quarter	4	Davis	T-202
Geog. 199	Conservation of National Resources	MTThF	El. Hf. or Full Qr.	2-4	Barker	GH-203
Hist. 216	Latin American History	TWThF	Full Quarter	4	Zimmerman	Ad-104
H. E. 1	Pattern Designing	MWThF	1st Hf. or Full Qr.	2-4	Roudebush	HE-301
H. E. 3	Garment Making (double pd.)	MWThF	Full Quarter	4	Roudebush	HE-301
H. E. 4	Elementary Dressmaking (double pd.)	MTThF	Full Quarter	4	Roudebush	HE-301
H. E. 24	Elementary Nutrition	MTWTh	Full Quarter	4	Newburn	HE-305
H. E. 125	Child Care and Child Welfare	MTThF	Full Quarter	4	Pickett	HE-207
Hyg. 1a	Personal Hygiene (for women)	MTWTh	Full Quarter	4	Bryson	GH-201
Ind. Ed. 2	Constructive Woodworking II (Lab. by appt.)	MTWTh	El. Hf. or Full Qr.	2-4	Fouk	G-1
Ind. Ed. 11	Projection, Shade and Shadow (Lab. by appt.)	TWThF	El. Hf. or Full Qr.	2-4	Hadden	G-104
Ind. Ed. 12	Principles of Architectural Drawing I (Lab. by appt.)	TWThF	El. Hf. or Full Qr.	2-4	Hadden	G-104
Ind. Ed. 33	Principles of Printing Design (Lab. by appt.)	MTWTh	El. Hf. or Full Qr.	2-4	Bishop	HE-102
Ind. Ed. 34	Intermediate Printing I (Lab. by appt.)	MTWTh	El. Hf. or Full Qr.	2-4	Bishop	HE-102
Ind. Ed. 41b	Elementary Bookbinding and Leathercraft (Lab. by appt.)	MTWTh	El. Hf. or Full Qr.	2-4	Schaefer	G-100
Ind. Ed. 125	Class Management in Woodworking	MTWTh	El. Hf. or Full Qr.	2-4	Fouk	G-1
Ind. Ed. 144b	Advanced Bookbinding	MTWTh	El. Hf. or Full Qr.	2-4	Schaefer	G-100
Lib. Sci. 106	Children's Literature and Juvenile Library Service	MTThF	Full Quarter	4	Schilpp	L-3
Math. 2	Plane Trigonometry	MTWTh	El. Hf. or Full Qr.	2-4	Tobey	T-204
Mus. 1a	Rudiments and Methods	MTWTh	Full Quarter	4	Mohr	T-2
Mus. 1b	Sight-singing	MTWTh	Full Quarter	4	Opp	Con-14
Mus. 103	Beginning Counterpoint	MTWTh	1st Half Quarter	2	Thomas	Con-6
Mus. 104	Advanced Counterpoint	MTWTh	2nd Half Quarter	2	Thomas	Con-6
P. E. 2	Natural Dancing (Beginning)	MTTh	1st Hf. or Full Qr.	1/2-1	Springer	GH-202
P. E. 120	Anatomy	TWThF	Full Quarter	4	Cave	GH-205

Time and Catalogue No.	Descriptive Title of Course	Days	May Be Taken for Credit	Gr. Hrs.	Teacher	Suggested Room
Phys. 103	Principles of Radio Reception	MTWTh	1st Half Quarter	2	Valentine	HE-106
Phys. 104	Principles of Radio Transmission	MTWTh	2nd Half Quarter	2	Valentine	HE-106
Psych. 2b	Educational Psychology	MTWTh	Full Quarter	4	Hertzberg	T-13
Psych. 100b	Unit Course—Personality Problems in School Children, July 21 to 31 inclusive	Daily	2nd Half Quarter	1	Ebaugh	T-11
Psych. 103	Psychology of Adolescence	MTWTh	1st Half Quarter	2	Merriman	T-11
Psych. 108a	Educational Measurements in Elementary Grades and Junior High School	TWThF	EI. Half or Full Quarter	2-4	Poole	T-12
Psych. 203	Conference Seminar and Lab. Course	Arrange	Full Quarter	4	Heilman	T-12
Psych. 222	Experimental Technic and Its Application	Arrange	Full Quarter	4	Whitney	Ad-102
Sci. 2	Outlines of Science	MTThF	Full Quarter	4	Harrah	Ad-300
Soc. 105	Introduction to Science of Sociology	MTWTh	Full Quarter	4	Howerth	Ad-208
Soc. 122	Comparative Religions	MTThF	1st Half or Full Quarter	2-4	Wilson	Ad-304
Span. 5	Intermediate Spanish	MTWTh	Full Quarter	4	Mulroney	L-6
<b>10:00-10:50</b>						
Art 14	Industrial Art Methods for Intermediate and Junior High	MTThF	1st Hf. or Full Qr.	2-4	Moore	G-204
Art 101	Drawing from the Figure	MTWTh	1st Hf. or Full Qr.	2-4	Reitzel	G-105
Art 106	Teaching of Art Appreciation	MTThF	EI. Half Quarter	2	Baker	G-200
Ath. 52	Mat Work and Tumbling	MTWTh	EI. Hf. or Full Qr.	½-1	Von den Steinen	GH-104
Ath. 60	Plays and Games	Daily	2nd Half Quarter	1	Cooper	GH-103
Ath. 170	Organization and Administration	MTWTh	1st Half Quarter	2	Cooper	GH-103
Chem. 1	General Chemistry (Lab. by appt.)	MW	Full Quarter	2-4	Bowers	Ad-1
Com. Ed. 1	Shorthand I	MTThF	1st Hf. or Full Qr.	2-4	Bedinger	Ad-214
Com. Ed. 138	Commercial Law I	MTWTh	1st Half Quarter	2	Hinds	Ad-211
Com. Ed. 212	Pre-Teaching Observation in Secondary Schools	MTWTh	Full Quarter	4	Colvin	Ad-212
Ed. 2c	Pre-Teaching Observation in the Secondary School (academic subjects)	MTWTh	Full Quarter	2	Wrinkle and Training Teachers	T-209
Ed. 3c	Kindergarten Primary Materials	MTWTh	1st Half Quarter	2	Lyford	T-216
Ed. 4a	Language Arts in Intermediate Grades	TWThF	EI. Hf. or Full Qr.	2-4	McCowen	T-9
Ed. 15	Educational Guidance	MTWTh	1st Half Quarter	2	Essert	T-11

Time and Catalogue No.	Descriptive Title of Course	Days	May Be Taken for Credit	Qr. Hrs.	Teacher	Suggested Room
Ed. 20	Agricultural Education	MTWTh	Ei. Hf. or Full Qr.	2-4	Hargrove	Ad-205
Ed. 101	Methods of Teaching in the High School	MTWTh	1st Half Quarter	2	Stutsman	Ad-207
Ed. 113	Organization and Administration of the Junior High School	MTWTh	Full Quarter	4	Schorling, Hamilton, Prunty	Ad-203
Ed. 218	Problems of Secondary Education (Third advanced course)	MTWTh	Ei. Hf. or Full Qr.	2-4	Troxel	Ad-301
Ed. 260	Problems of Elementary Education (Handwriting, Composition, Arithmetic)	MTWTh	Ei. Hf. or Full Qr.	2-4	McKee	T-215
Eng. 0	Fundamentals in English	TWThF	Full Quarter	0	Lindou	T-204
Eng. 10	English Literature, 1798-1900	TWThF	Full Quarter	4	Hawes	Ad-202
Eng. 14	Dramatic Art	MTThF	Full Quarter	4	Blackburn	LTh
Eng. 21	An Outline of Literature to 1800	MTThF	Full Quarter	4	Newman	Ad-103
Eng. 210	Old English	TWThF	Full Quarter	4	Pooley	T-2
Geog. 7	Business Geography	MTThF	Ei. Hf. or Full Qr.	2-4	West	GH-205
Geog. 124	Zoogeography	MTThF	Ei. Hf. or Full Qr.	2-4	Barker	GH-203
Hist. 5	Early Modern Europe	MTWTh	Full Quarter	4	Peake	Ad-104
H. E. 25	Cookery and Table Service for Home-makers (double period)	MTWTh	1st Hf. or Full Qr.	2-4	Pickett	HE-204
Hyg. 1a	Personal Hygiene (for women)	MTWThF	Full Quarter	4	Bryson	GH-201
Ind. Ed. 104	Vocational Education (Lab. by appt.)	TWThF	Ei. Half or Full	2-4	Hadden	G-101
Ind. Ed. 132	Advanced Printing I (Lab. by appt.)	MTWTh	Ei. Hf. or Full Qr.	2-4	Bishop	HE-102
Math. 104	The Teaching of Arithmetic	MTWTh	Ei. Hf. or Full Qr.	2-4	Finley	Ad-210
Math. 110	Geometry for Teachers	MTWTh	Ei. Hf. or Full Qr.	2-4	Mallory	HE-306
Mus. 2	Tone Thinking and Melody Writing	MTThF	2nd Half Quarter	2	Opp	Con-6
Mus. 22	Appreciation of Music	MTWTh	1st Half Quarter	2	Opp	Con-14
P. E. 1	Clog and Athletic Dancing	MTWTh	Ei. Hf. or Full Qr.	1/2-1	Cave	GH-107
P. E. 27	Intermediate Swimming	MTWTh	Ei. Half Quarter	1	Doubenmier	Pool
P. E. 103	Natural Dancing for Majors	MTWTh	1st Half Quarter	1	Springer	GH-202
P. E. 104	Natural Dancing for Majors	MTWTh	2nd Half Quarter	1	Springer	GH-202
Pol. Sci. 101	History of the Foreign Policy of the United States	MTWTh	Full Quarter	4	Dickerson	L-1
Psych. 3	Child Development	TWThF	Full Quarter	4	Wait	T-211
Psych. 107	Mental Tests and Measurements	MTWTh	Full Quarter	4	Hertzberg	T-13

Time and Catalogue No.	Descriptive Title of Course	Days	May Be Taken for Credit	Qr. Hrs.	Teacher	Suggested Room
Science 100	Unit Courses Unit 1—The Teaching of Science, June 18-July 2 Unit 2—Evolution, July 7-18 Unit 3—The Marvels of Modern Physics, July 21-August 1 Unit 4—The Service of Science in Promoting Human Life, August 4-15	MTWThF MTWThF MTWThF	1st Half Quarter 1st Half Quarter 2nd Half Quarter	1 1 1	Powers Jean Valentine	Ad-300
Psych. 108c	Classroom Tests	MTWThF	2nd Half Quarter	1	Fitzpatrick	T-12
Soc. 5	The Family	MTWTh	Full Quarter	4	Heilman	L-3
Soc. 130	Sociological Aspects of Patriotism	TWThF	Ei. Hf. or Full Qr.	2-4	Binnewies	Ad-208
Span. 105	Advanced Spanish	MTWTh	Ei. Hf. or Full Qr.	2-4	Howorth	L-6
		MTThF	Full Quarter	4	Mulroney	
<b>11:00—11:50</b>						
Art 2	Fine Art Methods for Primary Grades	MTThF	1st Hf. or Full Qr.	2-4	Naber	G-200
Art 17	Lettering and Poster Composition	MTThF	Ei. Half Quarter	2	Moore	G-203
Art 117	Lettering and Design	MTThF	Ei. Half Quarter	2	Moore	G-203
Art 120	Oil Painting (Double period. Lab. by appt.)	MTWTh	1st Hf. or Full Qr.	2-4	Reitzel	G-105
Ath. 172	Officiating and Management	MTWTh	1st Half Quarter	2	Cooper	GH-103
Bact. 100	General Bacteriology (Three hrs. Lab. 2-5 Tuesday)	MTWTh	Full Quarter	4	Selberg	Ad-303
Chem. 2	General Chemistry (Lab. by appt.)	TWThF	Full Quarter	2-4	Bowers	Ad-1
Chem. 114	Quantitative Analysis (Lab. by appt.)	MW	Ei. Hf. or Full Qr.	2-4	Bowers	Ad-6
Chem. 117	Teaching of Chemistry	Arrange	Full Quarter	4	Bowers	Ad-1
Com. Ed. 2	Shorthand II	MTThF	Full Quarter	4	Bedinger	Ad-212
Com. Ed. 37	Business Mathematics	MTWTh	1st Half Quarter	2	Hinds	Ad-211
Com. Ed. 150	Accounting I	MTWTh	1st Hf. or Full Qr.	2-4	Colvin	Ad-214
Ed. 2c	Pre-Teaching Observation in the Secondary School (Special subjects)	MTWTh	Full Quarter	2	Wrinkle and Training Teachers	T-210
Ed. 3a	Language Arts—Primary	MTWTh	Full Qr. or 2nd Hf.	2-4	Dulin	T-9
Ed. 3b	Social Arts—Primary	TWThF	First Half	2	Rosenquist	T-6
Ed. 3c	Kindergarten-Primary Materials	MTWTh	Full Qr. or 2nd Hf.	2-4	Lyford	

Time and Catalogue No.	Descriptive Title of Course	Days	May Be Taken for Credit	Qr. Hrs.	Teacher	Suggested Room
Ed. 23	Rural School Management	MTWTh	Ei. Hf. or Full Qr.	2-4	Hargrove	T-11
Ed. 107	Methods of Improving Reading	TWThF	Ei. Hf. or Full Qr.	2-4	Davis	T-217
Ed. 108	Educational Supervision	TWThF	Ei. Hf. or Full Qr.	2-4	McCowan	T-218
Ed. 111	Philosophy of Education	TWThF	Full Quarter	4	Mahan	Ad-103
Ed. 115	Organization and Administration of the Elementary School	MTWTh	Ei. Hf. or Full Qr.	2-4	Risley, McIntock	LTh
Ed. 118	Character Education	MTWTh	2nd Half Quarter	2	Rugg	Ad-205
Ed. 129	Current Educational Thought	MTWTh	Ei. Hf. or Full Qr.	2-4	Visiting Instructors	Ad-203
Ed. 143	School Administration—Second Course (School Bldgs., Educ. Finance)	MTWTh	Ei. Hf. or Full Qr.	2-4	Stutsman, Hunt	Ad-207
Ed. 152	The Child and the School	MTWTh	1st Half Quarter	2	Rugg	Ad-205
Ed. 230	History of Philosophy	MTWTh	Ei. Hf. or Full Qr.	2-4	Armentrout	T-219
Ed. 258	Problems of Elementary Education (Spelling, Reading, Literature)	MTWTh	Ei. Hf. or Full Qr.	2-4	McKee	T-215
El. Sci. 1	Elementary Science (Field trips arranged)	MTWTh	Full Quarter	4	Arvidson	Ad-301
Eng. 2	Literature for the Junior High School	MTWThF	Full Quarter	4	Tobey	Ad-202
Eng. 20	Advanced Composition	TWThF	Full Quarter	4	Lindou	T-204
Eng. 22	An Outline of Literature (19th Century)	MTThF	Full Quarter	4	Newman	Ad-300
Eng. 106	English in the High School	MTThF	Full Quarter	4	Carney	T-211
Eng. 130	Elizabethan Drama	TWThF	Full Quarter	4	Hawes	T-204
French 5	Intermediate French	MTWTh	Full Quarter	4	Mulroney	L-6
Geog. 15	Methods and Materials for Teaching Junior High School Geography	MTWTh	Ei. Hf. or Full Qr.	2-4	Hackman	GH-203
Geog. 103	Climatology	MTThF	Ei. Hf. or Full Qr.	2-4	West	Ad-304
Hist. 117	Teaching of History in Junior and Senior High Schools	MTWTh	Full Quarter	4	Dickerson	Ad-104
Hist. 221	History of the Far East	MTWTh	Ei. Hf. or Full Qr.	2-4	Peake	L-1
Hyg. 2	Materials and Methods for Teaching Health	MTWTh	1st Half Quarter	2	Bryson	GH-201
Ind. Ed. 19	Woodturning (Lab. by appt.)	MTWTh	Ei. Hf. or Full Qr.	2-4	Fouk	G-1
Ind. Ed. 31	Elements of Printing I (Lab. by appt.)	MTWTh	Ei. Hf. or Full Qr.	2-4	Bishop	HE-102
Ind. Ed. 36	Intermediate Printing III (Lab. by appt.)	MTWTh	Ei. Hf. or Full Qr.	2-4	Bishop	HE-102
Ind. Ed. 42a	Intermediate Bookbinding and Leathercraft (Lab. by appt.)	MTWTh	Ei. Hf. or Full Qr.	2-4	Schaefer	G-100
Ind. Ed. 117	Machine Drawing I (Lab. by appt.)	TWThF	Ei. Hf. or Full Qr.	2-4	Hadden	G-104.
Ind. Ed. 120	Advanced Woodturning (Lab. by appt.)	MTWTh	Ei. Hf. or Full Qr.	2-4	Fouk	G-1



Time and Catalogue No.	Descriptive Title of Course	Days	May Be Taken for Credit	Gr. Hrs.	Teacher	Suggested Room
Ind. Ed. 143a	Advanced Bookbinding (Lab. by appt.)	MTWTh	Ei. Hf. or Full	Qr. 2-4	Schaefer	G-100
Ind. Ed. 144c	Advanced Bookbinding (Lab. by appt.)	MTWTh	Ei. Hf. or Full	Qr. 2-4	Schaefer	G-100
Math. 101	Differential Calculus	MTWTh	Ei. Hf. or Full	Qr. 2-4	Mallory	HE-207
Math. 102	Integral Calculus	MTWTh	Ei. Hf. or Full	Qr. 2-4	Mallory	HE-207
Math. 201	Differential Equations	MTWTh	Ei. Hf. or Full	Qr. 2-4	Finley	Ad-210
Mus. 3	Beginning Harmony	MTWTh	Full Quarter	4	Thomas	Con-14
Mus. 107	Form Analysis	MTWTh	1st Half Quarter	2	Opp	Con-6
Mus. 108	Form Analysis	MTWTh	2nd Half Quarter	2	Opp	Con-6
Nurs. Ed. 101	Methods of Supervision Applied in Nursing Education	Daily	1st Half Quarter	2	Kandel	GH-205
P. E. 11	Plays and Games	TThF	Ei. Hf. or Full	Qr. ½-1	Cave	GH-107
P. E. 26	Swimming (Beginning)	MTWTh	Ei. Half Quarter	1	Springer	Pool
Phys. 108	Methods of Teaching High School	MTWTh	1st Half Quarter	2	Valentine	HE-106
Psych. 2a	Educational Psychology	TWThF	Full Quarter	4	Poole	T-13
Psych. 105	Psychology Senior High School Subjects	TWThF	Ei. Hf. or Full	Qr. 2-4	Wait	HE-306
Psych. 119	Psychology and Measurements of Personality Traits	MTWTh	1st Half Quarter	2	Merriman	T-12
Soc. 110	Principles of Economics	TWThF	Full Quarter	4	Binnewies	L-3
Soc. 135	Races and Race Problems	MTWTh	Ei. Hf. or Full	Qr. 2-4	Howarth	Ad-208
Span. 1, 2, 3	Elementary Spanish (double period. First recitation at 8 o'clock compulsory)	MTWThF	Full Quarter	12	Davis	T-216
<b>12:00-12:50</b>						
Art 2	Fine Arts Methods for Primary Grades	MTThF	1st Hf. or Full	Qr. 2-4	Naber	G-200
Art 12	Color Theory and Composition	MTWTh	1st Hf. or Full	Qr. 2-4	Reitzel	G-105
Art 107	Constructive Design	MTWTh	1st Hf. or Full	Qr. 2-4	Ogle	G-204
Ath. 168	Track Coaching	MTWTh	1st Half Quarter	2	Saunders	GH-103
Com. Ed. 16	Methods of Teaching Filing	TWThF	1st Half Quarter	2	Knies	Ad-214
Com. Ed. 157	Methods of Teaching Bookkeeping	TWThF	2nd Half Quarter	2	Knies	Ad-214
Ed. 1	Introduction to Education	TWThF	Full Quarter	4	McCauley	T-210
Ed. 3a	Language Arts—Primary Grades	MTWTh	1st Half Quarter	2	Dulin	T-218
Ed. 100e	Unit Course—County Superintendents, No. 14 (School Records and Reports), June 16-26	Daily	1st Half Quarter	1	Troxel	Ad-103

Time and Catalogue No.	Descriptive Title of Course	Days	May Be Taken for Credit	Qr. Hrs.	Teacher	Suggested Room
Ed. 100g (Do not take Ed. 209 with Ed. 100g)	Unit Courses in Major Classes of Knowledge Unit 1—Recreational Education (June 16-26) Unit 2—Economic Industrial Education (June 30-July 10) Unit 3—Home and Family Education (July 30-August 10) Unit 4—Citizenship Education (August 14-24)	Daily Daily Daily Daily	1st Half Quarter 1st Half Quarter 2nd Half Quarter	1 1 1	Stutsman Binnewies Roudebush	Ad-203
Ed. 117	School Discipline	Daily	2nd Half Quarter	1	Rugg	
Ed. 128	County School Administration	MTWTh	2nd Half Quarter	2	Hunt	T-217
Ed. 150	Foundations of Method	MTWTh	2nd Half Quarter	2	Ogle	AG-207
		MTWTh	Ei. Hf. or Full Qr.	2-4	Risley, McClintock	AG-205
Ed. 151	Pre-School Education	MTWTh	Ei. Hf. or Full Qr.	2-4	Lyford	T-216
Ed. 168	Problems of Religious Education	MTThF	Ei. Hf. or Full Qr.	2-4	Wilson	T-220
Eng. 1	Literature for the Elementary School	MTThF	Full Quarter	4	Tobey	Ad-202
Eng. 4	Speaking and Writing	MTThF	Full Quarter	4	Pooley	Ad-301
Eng. 6	American Literature	TWThF	Full Quarter	4	Lindou	Ad-210
Eng. 13	Story Telling	MTThF	Ei. Hf. or Full Qr.	2-4	Stewart	Ad-300
Geog. 50	Home Geography and Geography of Colo.	MTThF	Full Quarter	4	Barker	GH-203
Hist. 1	Origins of American Nationality	MTWTh	Full Quarter	4	Peake	Ad-104
H. E. 5	Dress Appreciation	MTThF	Full Quarter	4	Roudebush	HE-301
H. E. 27	Observation and Methods	Arrange	Full Quarter	4	Newburn	HE-305
H. E. 103	Costume Design	MTThF	Full Quarter	4	Roudebush	HE-301
Ind. Ed. 201	Seminar	MTThF	Full Quarter	4	Hadden	G-101
Mus. 10	Methods for Teaching Music Reading	MTWTh	Full Quarter	4	Mohr	T-2
Mus. 20	History of Ancient Music	MTWTh	1st Half Quarter	2	Cline	Con-14
Mus. 21	History of Modern Music	MTWTh	2nd Half Quarter	2	Cline	Con-14
Mus. 23	Music Literature	MTWTh	2nd Half Quarter	2	Opp	Con-6
Nurs. Educ. 100	Prin. of Teaching Applied to Nursing Education	Daily	1st Half Quarter	2	Kandel	GH-205
P. E. 5	Folk Dancing (Beginning)	TThF	Ei. Hf. or Full Qr.	1/2-1	Cave	GH-107
P. E. 26	Swimming (Beginning)	MTWTh	Ei. Half Quarter	1	Springer	Pool
Psych. 2b	Educational Psychology	TWThF	Full Quarter	4	Poole	T-13

Time and Catalog No.	Descriptive Title of Course	Days	May Be Taken for Credit	Qr. Hrs.	Teacher	Suggested Room
Psych. 108b	Educational Measurements in Senior High School	MTWTh	Ei. Hf. or Full Qr.	2-4	Hertzberg	T-12
Psych. 118	Graphic Methods	MTWTh	Ei. Hf. or Full Qr.	2-4	Bishop	G-106
Psych. 216	Psychology of Individual Differences	MTWTh	1st Half Quarter	2	Merriman	T-219
Soc. 3	Educational Sociology	TWThF	Ei. Hf. or Full Qr.	2-4	Binnewies	Ad-208
Zool. 107	Elementary Entomology (Three hrs. Lab. by arrangement)	MTThF	Full Quarter	4	Harrah	Ad-304
<b>2:00—2:50</b>						
Art. 122	Etching and Printmaking (double period)	TTh	1st Half Quarter	2	Thomas	G-204
Ath. 70	Advanced Swimming	Daily	Ei. Half Quarter	1	Brown, Cooper	Pool
Ed. 16	Camp Fire Leadership	MTWTh	Ei. Half Quarter	2	Lee	Ad-103
Ed. 17	Boy Scoutmaster's Training Course	MTWTh	1st Half Quarter	2	Moore	Ad-104
Ed. 100e	Unit Course—County Superintendents, No. 15 (Supervised Study), June 16-26	Daily	1st Half Quarter	1	Mahan	Ad-203
Ed. 100L	Unit Course in Educational Values, June 16-26	Daily	1st Half Quarter	1	Counts	Ad-210
Ed. 223	Research in Education—1st quarter—Thesis course for graduate students	MTWTh	Full Quarter	4	Whitney	T-217
H. E. 21	Foods and Cookery (double period)	MTThF	Full Quarter	4	Pickett	HE-207
H. E. 201	Advanced Textiles	MTThF	Full Quarter	4	Wiebking	HE-304
H. E. 226	Research in Nutrition	MT	Full Quarter	2	Newburn	HE-305
H. E. 240	Problems and Methods of Home Economics Teaching	MTWTh	Full Quarter	4	Roudebush	HE-301
Mus. 34	Class Piano Methods	MW	Ei. Hf.	1	Hughes	Con-6
Mus. 122	Appreciation of Music for the Concertgoer	TTh	1st Half Quarter	1	Southard	T-2
P. E. 100	Coaching Methods	MTWThF	Ei. Hf. or Full Qr.	1-2	Tenney	GH-107
<b>3:00—3:50</b>						
Ed. 100e	Unit Course—County Superintendents, No. 16, Practical Supervisory Methods for Rural Schools, June 16-26	Daily	1st Half Quarter	1	Ogle	Ad-103

Time and Catalogue No.	Descriptive Title of Course	Days	May Be Taken for Credit	Gr. Hrs.	Teacher	Suggested Room
Ed. 100j	Unit Course—International Education, June 16-26	Daily	1st Half Quarter	1	Counts	AG-210
H. E. 204	Housing and Its Relation Problems	MTWTh	Full Quarter	4	Roudebush	HE-301
H. E. 221	Experimental Cookery	MTThF	Full Quarter	4	Pickett	HE-202
Mus. 43	Orchestra	MW	Full Quarter	1	Thomas	Con-14
Mus. 44	Band	TTh	Full Quarter	1	Thomas	Con-14
P. E. 13a	Intermediate Tennis	MTTh	El. Hf. or Full Qr.	½-1	Tenney	GH-107
P. E. 27	Intermediate Swimming	MTWTh	El. Half Quarter	1	Doubenmier	Pool
4:00—4:50						
P. E. 13	Beginning Tennis	MTTh	El. Hf. or Full Qr.	½-1	Tenney	GH-107
5:00—5:50						
Mus. 101	Chorus (Selected)	MW	Full Quarter	1	Mohr	LTh

## Special Unit Courses in Education

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Ed. 100e—Unit Courses for County Superintendents—June 16-26

Unit 14—School Records and Reports—Dr. Troxel—12 o'clock

Unit 15—Supervised Study—Dr. Mahan—2 o'clock

Unit 16—Practical Supervisory Methods—Mr. Ogle—3 o'clock

Ed. 100g—Unit Courses in Major Fields of Knowledge—12 o'clock

Unit 1—Recreational Education—Mr. Stutsman—June 16-26

Unit 2—Economic-Industrial Education—Dr. Binnewies—June  
30-July 10

Unit 3—Home and Family Education—Miss Roudebush—July  
30-August 10

Unit 4—Citizenship Education—Dr. Rugg—August 14-24

Ed. 100j—Unit Course in International Education (June 16-26)—Dr.  
Counts—3 o'clock

Ed. 100k—Unit Course in Guidance Problems in the Junior High School—  
(August 4-14)—Miss Hamilton—9 o'clock

Ed. 100l—Unit Course in Educational Values (June 16-26)—Dr. Counts—  
2 o'clock

Ed. 100m—Unit Course in Citizenship Education in the Junior High  
School—(June 30-July 10)—Miss Hamilton—9 o'clock

Ed. 129 at 11 o'clock will be the Book Review course in strictly education  
courses. Will be taught largely by visiting teachers.



FIRST WEEK: JUNE 16 to JUNE 21

- MONDAY, 7:00 P. M. All College Assembly, Gunter Hall. *Key Problems of the Teaching Profession*, DR. ELLWOOD P. CUBBERLEY, Stanford University. (Required Attendance)
- TUESDAY, 4:00 P. M. Book Review, DR. JESSE NEWLON, Teachers College, Columbia University, George S. Counts' *The American Road to Culture*. Little Theater.
- WEDNESDAY, 4:00 P. M. Book Review, DR. MARGARET MULRONEY, Colorado Teachers College, Thornton Wilder's *Woman of Andros*. Little Theater.
- WEDNESDAY, 7:00 P. M. Open Lecture, *A Problem in Modern Education*, DR. JESSE NEWLON. Little Theater.
- THURSDAY, 4:00 P. M. Book Review, MISS CAROLYN TOBEY, Greeley High School, Sir James Jeans' *The Universe Around Us*. Little Theater.
- THURSDAY, 7:00 P. M. Open Lecture, *The Sacramento School Survey*, DR. J. B. SEARS, Stanford University, Little Theater.
- SATURDAY, 8:15 P. M. George Bernard Shaw's *Pygmalion*. Presented by THE FACULTY PLAYERS of Colorado Teachers College. Little Theater. Reserved seats, 50 cents.
- FRIDAY, SATURDAY, AND SUNDAY, JUNE 20-22. Excursion to Grand Lake. (For details see bulletin *Student Outdoor Life*. This bulletin can be obtained in the Department of Publications.)

SECOND WEEK: JUNE 23 to JUNE 28

- MONDAY, 4:00 P. M. Book Review, MR. LESLIE D. LINDOU, Colorado Teachers College, Thomas Mann's *The Magic Mountain*. Little Theater.
- MONDAY, 7:00 P. M. All College Assembly. Lecture, *Education and Social Planning in Soviet Russia*, DR. GEORGE F. COUNTS, Teachers College, Columbia University. Gunter Hall. (Required Attendance)

- MONDAY, 8:15 P. M. George Bernard Shaw's *Pygmalion*. Presented by THE FACULTY PLAYERS of Colorado Teachers College. Little Theater. Reserved seats, 50 cents.
- TUESDAY, 4:00 P. M. Book Review, DR. EARLE UNDERWOOD RUGG, Colorado Teachers College, James Truslow Adams' *The Adams Family*. Little Theater.
- TUESDAY, 7:00 P. M. Open Lecture, *The Old Testament Prophets*, RABBI SAMUEL MAYERBERG, Kansas City. Little Theater.
- TUESDAY, 8:15 P. M. George Bernard Shaw's *Pygmalion*. Presented by THE FACULTY PLAYERS of Colorado Teachers College. Little Theater. Reserved seats, 50 cents.
- WEDNESDAY, 4:00 P. M. Book Review, DR. GEORGE S. COUNTS, Teachers College, Columbia University, Walter Lippman's *Preface to Morals*. Little Theater.
- WEDNESDAY, 7:00 P. M. Open Lecture, *Jewish Ethics*, RABBI SAMUEL MAYERBERG, Kansas City. Little Theater.
- THURSDAY, 2:00 P. M. *The Platoon School*, a regional conference. All interested members of the summer session are invited. Little Theater.
- THURSDAY, 4:00 P. M. Book Review, DR. A. EVELYN NEWMAN, Colorado Teachers College, H. M. Tomlinson's *All Our Yesterdays*. Little Theater.
- THURSDAY, 7:00 P. M. Open Lecture, *The Geology and Paleontology of the Pawnee Buttes*, MR. GEORGE A. BARKER. Little Theater. Note: This lecture is given especially as preparation for the excursion to the Buttes to be made July 5th.
- FRIDAY, JUNE 27 Island Grove Park. Men's Picnic.
- FRIDAY AND SATURDAY, JUNE 27 AND 28. Estes Park, Fall River and High Drive Tour. (See *Student Outdoor Life* for details.)



THIRD WEEK: JUNE 30 to JULY 5

- MONDAY, 4:00 P. M. Book Review, REV. ALFRED W. SWAN, Park Congregational Church, Greeley, Reinhold Nieburh's *Leaves from the Notebook of a Tamed Cynic*. Little Theater.
- MONDAY, 7:00 P. M. All College Assembly. Lecture, *A Survey and Diagnosis of the Present Age*, DR. EDWARD HOWARD GRIGGS. Gunter Hall. (Required Attendance.)
- TUESDAY, 4:00 P. M. Book Review. R. C. Sheriff's war drama *Journey's End*. Reviewed with readings by DR. W. F. SPAULDING, Greeley. Little Theater.
- TUESDAY, 7:00 P. M. Open Lecture, *Literature and American Culture*, DR. EDWARD HOWARD GRIGGS. Little Theater.
- WEDNESDAY, 4:00 P. M. Open Lecture, *Training Citizenship for America*, DR. EDWARD HOWARD GRIGGS. Little Theater.
- WEDNESDAY, 7:00 P. M. Open Lecture, *The Significance and Cultivation of Leadership*, DR. EDWARD HOWARD GRIGGS. Little Theater.
- THURSDAY, 4:00 P. M. Book Review, DR. O. M. DICKERSON, Colorado Teachers College, Rupert Hughes' *Life of Washington*, Vol. III. Little Theater.
- THURSDAY, 7:00 P. M. Open Lecture, *A Philosophy of Life for the Present Age*, DR. EDWARD HOWARD GRIGGS. Little Theater.
- FRIDAY, JULY 4 Independence Day (Holiday)
- SATURDAY, JULY 5 Excursion to Pawnee Buttes. (See *Student Outdoor Life* for details.)

## FOURTH WEEK: JULY 7 to JULY 11

- MONDAY, 12:00 noon PROFESSOR BURGES JOHNSON of Syracuse University will speak in the Little Theater to the class in Journalism on the subject of *The Art of Writing*. Visitors are welcome.
- MONDAY, 3:00 P. M. Open Lecture, *The Literary Shop*, PROFESSOR BURGES JOHNSON, Syracuse University. Little Theater.
- MONDAY, 4:00 P. M. Book Review, PRESIDENT CHARLES MCKENNY, State Normal College, Ypsilanti, Michigan. Clarence Cook Little's *The Awakening College*. Little Theater.
- MONDAY, 7:00 P. M. All College Assembly. Lecture, *A Talk to Teachers*, DR. CHARLES MCKENNY, President State Normal College, Ypsilanti, Michigan. Gunter Hall. (Required Attendance.)
- TUESDAY, 11:00 A. M. PROFESSOR BURGES JOHNSON will speak in English 20 on *The Art and Business of Writing*. Visitors to the class are welcome.
- TUESDAY, 3:00 P. M. Open Lecture, *Provincialism: Where Does the West Really Begin?* MR. BURGES JOHNSON, Syracuse University. Little Theater.
- TUESDAY, 4:00 P. M. Book Review, Mr. John Drinkwater's comedy *Bird in Hand*. Reviewed with readings by DR. E. A. CROSS, Colorado Teachers College. Little Theater.
- TUESDAY, 7:00 P. M. Open Lecture, *The Lost Art of Profanity*, MR. BURGES JOHNSON, Syracuse University. Little Theater.
- WEDNESDAY, 4:00 P. M. Book Review, MRS. GERTRUDE SPAULDING, Greeley High School, *The Literary Work of Katherine Mansfield*. Little Theater.
- THURSDAY, 4:00 P. M. Book Review, MR. F. E. MERRILL, Editor of the Greeley Tribune, *The Plays of Franz Molnar*. Little Theater.
- FRIDAY AND SATURDAY, JULY 11 AND 12. Excursion to Colorado Springs, Manitou, and the top of Pike's Peak. (See *Student Outdoor Life* for details.)

FIFTH WEEK: JULY 14 to JULY 18

- MONDAY, 4:00 P. M. Book Review, DR. IRA W. HOWERTH, Colorado Teachers College, Lowie's *Are We Civilized?* Little Theater.
- MONDAY, 7:00 P. M. All College Assembly. Lecture, *Vergil's Life and Works*. An address commemorating the two thousandth anniversary of the birth of Vergil. By PROFESSOR WILLIAM OLDFATHER of the University of Illinois. Gunter Hall. (Required Attendance.)
- TUESDAY, 4:00 P. M. Book Review, MISS FRANCES TOBEY, Colorado Teachers College, John Balderson's *Berkeley Square*. Reviewed with readings. Little Theater.
- WEDNESDAY, 4:00 P. M. Book Review, DR. J. D. HELLMAN, Colorado Teachers College, Karl Meininger's *The Human Mind*. Little Theater.
- THURSDAY, 4:00 P. M. Book Review, MR. JAMES H. RISLEY, Superintendent of Schools, Pueblo Colorado, O. E. Rolvaag's *Pure Gold*. Little Theater.
- SATURDAY, 3:00 P. M. The Kindergarten-Primary Tea. Club House. (By invitation.)

SIXTH WEEK: JULY 21 to JULY 25

- MONDAY, 3:00 P. M. Open Lecture, *The Work of the Junior Red Cross*, MISS JEANETTE RIEFLING. Little Theater.
- MONDAY, 4:00 P. M. Book Review, MISS MARGARET BLACKBURN, Colorado Teachers College, George Kelley's *Behold the Bridegroom*. Reviewed with readings. Little Theater.
- MONDAY, 7:00 P. M. All College Assembly. Lecture, *The New Patriotism*, HONORABLE WILLIAM E. SWEET, Denver. Gunter Hall. (Required Attendance.)
- TUESDAY, 3:00 P. M. Open Lecture, *The Junior Red Cross*, MISS JEANETTE RIEFLING. Little Theater.
- TUESDAY, 4:00 P. M. Book Review, DR. MERLE PRUNTY, Superintendent of Schools, Tulsa, Oklahoma, John Rathbone Oliver's *Foursquare* and *Victor and Victim*. Little Theater.

TUESDAY, JULY 22 TO SATURDAY, JULY 26. Excursions to Cheyenne Frontier Days. (See *Student Outdoor Life* for details.)

WEDNESDAY, 4:00 P. M. Book Review, Miss JOSEPHINE HAWES, Colorado Teachers College, Marc Connelly's *The Green Pastures*. Reviewed with readings. Little Theater.

THURSDAY, 4:00 P. M. Book Review, Mr. ROBERT POOLEY, Colorado Teachers College, Susan Glaspell's *They Scooped to Folly*. Little Theater.

SATURDAY, JULY 26 Excursion to Lookout Mountain, Echo Lake, and the summit of Mount Evans. (See *Student Outdoor Life* for details.)

#### SEVENTH WEEK: JULY 28 to AUGUST 1

MONDAY, 4:00 P. M. Book Review, Dr. FREDERICK L. WHITNEY, Colorado Teachers College, Robert and Helen Lynd's *Middletown*. Little Theater.

MONDAY, 7:00 P. M. All College Assembly. Lecture, *The United States and World Affairs*. Dr. GEORGE EARLE RAIGUEL, Philadelphia, Pennsylvania. Gunter Hall. (Required Attendance.)

TUESDAY, 4:00 P. M. Book Review, Dr. GEORGE EARLE RAIGUEL, Emil Ludwig's *July '14*. Little Theater.

TUESDAY, 7:00 P. M. Open Lecture, *Social and Economic Progress in the United States*, Dr. GEORGE EARLE RAIGUEL. Little Theater.

WEDNESDAY, 4:00 P. M. Book Review, Mr. GEORGE A. BARKER, Colorado Teachers College, Bernard Faye's *Benjamin Franklin*. Little Theater.

WEDNESDAY, 7:00 P. M. Open Lecture, *Politics in the New Europe*. Dr. GEORGE EARLE RAIGUEL. Little Theater.

THURSDAY, 4:00 P. M. A Review of Recent American Poetry by JESSIE B. RITTENHOUSE, poet and editor.

THURSDAY, 7:00 P. M. Open Lecture, *Oriental Problems: Japan, China, India*, DR. GEORGE EARLE RAIGUEL. Little Theater.

FRIDAY, 4:00 P. M. An Informal lecture on Modern British Poets and Poetry, by JESSIE B. RITTENHOUSE.

FRIDAY, 7:00 P. M. Open Lecture, *Some Causes of Unrest in the World*, DR. GEORGE EARLE RAIGUEL. Little Theater.

SATURDAY, AUGUST 2 Excursion to Denver and Elitch Gardens. (See *Student Outdoor Life* for details.)

#### EIGHTH WEEK: AUGUST 4 to AUGUST 8

MONDAY, 4:00 P. M. Book Review, Elmer Rice's *Street Scene*. Reviewed with readings by MISS FRANCES TOBEY, Colorado Teachers College. Little Theater.

MONDAY, 7:00 P. M. All College Assembly, Musical Program. Conservatory of Music. Direction of MR. J. DE FOREST CLINE, Colorado Teachers College. Gunter Hall. (Required Attendance.)

TUESDAY, 4:00 P. M. Book Review, DR. W. D. ARMENTROUT, Colorado Teachers College, John Dewey's *Quest for Certainty*. Little Theater.

WEDNESDAY, 4:00 P. M. Book Review, MISS ANNE MAXVILLE, Colorado Teachers College, Hugh Walpole's *Rogue Herries*. Little Theater.

THURSDAY, 4:00 P. M. Book Review. St. John Irvine's *The First Mrs. Frasier*, reviewed by DR. E. A. CROSS, Greeley. Little Theater.

NINTH WEEK: AUGUST 11 to AUGUST 15

- MONDAY, 4:00 P. M. Open Lecture, *Irish Dramatic Literature\**, DR. JAMES MURPHY, Dublin. Little Theater.
- MONDAY, 7:00 P. M. All College Assembly. Lecture, *Social and Economic Problems in Europe*, DR. JAMES MURPHY. Gunter Hall. (Required Attendance.)
- TUESDAY, 4:00 P. M. Open Lecture, *Current Literature in Europe*, DR. JAMES MURPHY. Little Theater.
- TUESDAY, 7:00 P. M. Open Lecture, *Social and Economic Problems in Europe*, DR. JAMES MURPHY. Little Theater.
- TUESDAY, 8:15 P. M. Moliere's comedy, *The Nobody Who Apes Nobility* (Le Bourgeois Gentilhomme), THE COFFER-MILLER PLAYERS. Little Theater. Reserved seats, 50 cents.
- WEDNESDAY, 4:00 P. M. Open Lecture, *Current European Literature*, DR. JAMES MURPHY. Little Theater.
- WEDNESDAY, 7:00 P. M. Open Lecture, *Social and Economic Problems in Europe*, DR. JAMES MURPHY. Little Theater.
- WEDNESDAY, 8:15 P. M. A. E. Thomas' comedy, *Her Husband's Wife*. THE COFFER-MILLER PLAYERS. Little Theater. Reserved seats, 50 cents.
- THURSDAY, 4:00 P. M. Open Lecture, *Current European Literature*, DR. JAMES MURPHY. Little Theater.
- THURSDAY, 7:00 P. M. Open Lecture, *Social and Economic Problems in Europe*, DR. JAMES MURPHY. Little Theater.
- FRIDAY, 4:00 P. M. Open Lecture, *Current European Literature*, DR. JAMES MURPHY. Little Theater.

\*DR. JAMES MURPHY, foreign editor of *The Forum*, will give ten lectures in all. The series of five in the afternoons of the week will deal with current literature in Europe. The evening lectures will all deal with social and economic problems in Europe. This bulletin goes to press before Dr. Murphy's list could reach us. He has spent the year in Ireland, England, France, Italy, and Germany.

FRIDAY, 7:00 P. M. Open Lecture, *Social and Economic Problems in Europe*, DR. JAMES MURPHY. Little Theater.

TENTH WEEK: AUGUST 18 to AUGUST 23

MONDAY, 4:00 P. M. Book Review, MR. ALBERT F. CARTER, Colorado Teachers College, Francis Hackett's *Henry the Eighth*. Little Theater.

MONDAY, 7:00 P. M. All College Assembly. Gunter Hall. (Required Attendance.)

TUESDAY, 4:00 P. M. Book Review, MRS. W. E. ANDERSON, Greeley, *Galsworthy and Barrie—A Contrast*. Little Theater.

WEDNESDAY, 4:00 P. M. Book Review, MISS MADELINE WYER, Colorado Teachers College, Oliver Lafarge's *Laughing Boy*. Little Theater.

THURSDAY AND FRIDAY, AUGUST 21 AND 22. Final examinations for the quarter.

SATURDAY, AUGUST 23, 10:00 A. M. The Summer Quarter Convocation, College Campus.





**COLORADO STATE TEACHERS COLLEGE**

**BULLETIN**



**ANNOUNCEMENT**  
OF THE  
**GRADUATE SCHOOL**  
**1930-31**

**GREELEY, COLORADO**



**COLORADO STATE  
TEACHERS COLLEGE**  
Greeley, Colo.



**ANNOUNCEMENT  
OF THE  
GRADUATE SCHOOL  
1930-1931**

**Published by the College  
GREELEY, COLORADO**

# 1930—THE COLLEGE CALENDAR—1931

1930

## SPRING QUARTER

<i>Mar. 24,</i>	<i>Monday</i> .....	REGISTRATION OF NEW STUDENTS. CLASSES BEGIN
<i>May 2,</i>	<i>Friday</i> .....	INSIGNIA DAY
<i>May 30,</i>	<i>Friday</i> .....	MEMORIAL DAY (Holiday)
<i>June 5-6,</i>	<i>Thursday, Friday</i>	FINAL EXAMINATIONS
<i>June 7,</i>	<i>Saturday</i> .....	COMMENCEMENT DAY

## SUMMER QUARTER

<i>June 14,</i>	<i>Saturday</i> .....	REGISTRATION
<i>June 16,</i>	<i>Monday</i> .....	CLASSES BEGIN
<i>July 4,</i>	<i>Friday</i> .....	INDEPENDENCE DAY (Holiday)
<i>July 19,</i>	<i>Saturday</i> .....	FIRST HALF ENDS (Registration for second half quarter)
<i>July 21,</i>	<i>Monday</i> .....	SECOND HALF BEGINS
<i>Aug. 23,</i>	<i>Saturday</i> .....	SUMMER CONVOCATION

## FALL QUARTER

<i>Sept. 25,</i>	<i>Thursday</i> .....	FRESHMAN WEEK BEGINS; 10:30, LITTLE THEATRE
<i>Sept. 29,</i>	<i>Monday</i> .....	REGISTRATION OF FRESHMEN
<i>Sept. 30,</i>	<i>Tuesday</i> .....	REGISTRATION OF UPPER CLASSMEN
<i>Oct. 1,</i>	<i>Wednesday</i> .....	CLASSES BEGIN
<i>Nov. 11,</i>	<i>Tuesday</i> .....	ARMISTICE DAY (Holiday)
<i>Nov. 27-28,</i>	<i>Thursday, Friday</i>	THANKSGIVING (Holiday)
<i>Dec. 13,</i>	<i>Saturday</i> .....	ADVANCED REGISTRATION FOR WINTER QUARTER
<i>Dec. 18-19,</i>	<i>Thursday, Friday</i>	FINAL EXAMINATIONS
<i>Dec. 20,</i>	<i>Saturday</i> .....	CHRISTMAS VACATION BEGINS

## WINTER QUARTER

<i>Dec. 29,</i>	<i>Monday</i> .....	REGISTRATION OF NEW STUDENTS
<i>Dec. 30,</i>	<i>Tuesday</i> .....	CLASSES BEGIN
1931		
<i>Jan. 1,</i>	<i>Thursday</i> .....	NEW YEAR'S DAY (Holiday)
<i>Mar. 7,</i>	<i>Saturday</i> .....	ADVANCED REGISTRATION FOR SPRING QUARTER
<i>Mar. 13-14,</i>	<i>Friday, Saturday</i>	FINAL EXAMINATIONS
<i>Mar. 15,</i>	<i>Sunday</i> .....	SPRING VACATION BEGINS

## SPRING QUARTER

<i>Mar. 23,</i>	<i>Monday</i> .....	REGISTRATION OF NEW STUDENTS. CLASSES BEGIN
<i>May 1,</i>	<i>Friday</i> .....	INSIGNIA DAY
<i>June 4-5,</i>	<i>Thursday, Friday</i>	FINAL EXAMINATIONS
<i>June 6,</i>	<i>Saturday</i> .....	COMMENCEMENT

## SUMMER QUARTER

<i>June 13,</i>	<i>Saturday</i> .....	REGISTRATION
<i>June 15,</i>	<i>Monday</i> .....	CLASSES BEGIN
<i>July 4,</i>	<i>Saturday</i> .....	INDEPENDENCE DAY (Holiday)
<i>July 18,</i>	<i>Saturday</i> .....	FIRST HALF ENDS (Registration for second half quarter)
<i>July 20,</i>	<i>Monday</i> .....	SECOND HALF BEGINS
<i>Aug. 22,</i>	<i>Saturday</i> .....	SUMMER CONVOCATION

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ARTHUR FRANKLIN ZIMMERMAN, A.B., A.M., Ph.D.	<i>Assistant Professor of History</i>

## VISITING GRADUATE FACULTY

SUMMER 1930

ANN ARVIDSON, A.B., A.M.,	<i>Head of Biology Department, Iberia College, Iberia, Missouri</i>
GEORGE S. COUNTS, A.B., A.M., Ph.D.	<i>Assistant Director of International Institute, Columbia University</i>
ELWOOD PATTERSON CUBBERLY, A.B., A.M., Ph.D.	<i>Dean of School of Education Leland Stanford Junior University, Palo Alto, California</i>
FRANKLIN G. EBAUGH, A.B., A.M.	<i>Director of Psychopathic Hospital, Denver, Colorado</i>
FREDERICK LINDER FITZPATRICK, A.B., A.M., Ph.D.	<i>Head of Zoology Department, Coe College, Cedar Rapids, Iowa</i>
JESSIE HAMILTON, A.B., A.M.	<i>Principal, Morey Junior High School, Denver, Colorado</i>
R. L. HUNT, A.B., A.M.	<i>Director of Training Schools, South Dakota State Normal School, Madison, South Dakota</i>
ROBERT DAVID McCLINTOCK, A.B., A.M.	<i>Superintendent of Schools, Julesburg, Colorado</i>
CURTIS MERRIMAN, A.B., A.M., Ph.D.	<i>Professor of Psychology, University of Wisconsin, Madison, Wisconsin</i>
LOUISE NABER, A.B.	<i>Supervisor of Art Education, Phoenix, Arizona</i>

\*On leave school year 1930-31

- JESSE H. NEWLON, A.M., Ph.D.      *Principal of Lincoln School  
Teachers College, Columbia University*
- FLETCHER ANDREW OGLE, A.B., A.M.      *Superintendent of Public  
Instruction Weld County, Greeley, Colorado*
- GLADYS POOLE, A.B., A.M.      *Professor of Psychology  
State Teachers College, Trenton, New Jersey*
- SAMUEL R. POWERS, A.B., A.M., Ph.D.      *Professor of Natural Sciences,  
Columbia University*
- MERLE PRUNTY, A.B., A.M., Ph.D.      *Superintendent of Schools,  
Tulsa, Oklahoma*
- MARQUES E. REITZEL,      *Professor of Fine Arts,  
Rockford College, Rockford, Illinois*
- RALEIGH SCHORLING, A.B., A.M., Ph.D.      *Professor of Education  
and Supervisor of Directed Teaching and Instruction,  
University of Michigan, Ann Arbor, Michigan*
- DR. JESSE SEARS, A.M., Ph.D.      *Professor of Education,  
Leland Stanford Junior University,  
Palo Alto, California*
- ALBERT E. SHIRLING, A.B., A.M.      *Professor of Natural Sciences,  
Kansas City Teachers College,  
Kansas City, Missouri*
- ISAAC E. STUTSMAN, A.B., A.M.      *Superintendent of Schools,  
Greeley, Colorado*





# THE GRADUATE SCHOOL

## LOCATION

Colorado State Teachers College is located in Greeley, Colorado, fifty-five miles north of Denver. Greeley is a city of 14,000 population and is surrounded by the largest area of fertile irrigated land in the United States. It is located on the Union Pacific and Colorado & Southern railroads. The city is connected with Denver by a concrete pavement, and a splendid surfaced highway leads to the beautiful Estes Park region. The train schedule and three well established bus lines give almost hourly service to Denver and intermediate points. Greeley has an elevation of 4670 ft. and commands a view of the rugged Rockies for a stretch of over one hundred twenty-five miles. It is a city of modest but nicely kept homes. The main thoroughfares are paved, and its wide spacious streets in the residential district are lined with rows of magnificent trees. The elevation, mild climate, and nearness to the mountains make it a healthful and pleasant place in which to live and study.

## HISTORICAL

The State Normal School of Colorado was established by act of the legislature in 1889. The first school year began October 6, 1890. In 1911, the institution was raised to the rank of a college and its name changed to the State Teachers College of Colorado. Since the school's inception as a college, the administration has centered on one purpose only as the function of the school. That objective is to make it a teacher-training institution of the first rank. The college is considered by the president and Board of Trustees to be a technical school in the same sense that a college of engineering or a college of medicine is a technical institution. Its courses are organized and its requirements made with the object of giving the best academic and professional training possible to prospective teachers.

Students with different objectives are frankly advised to attend other institutions better suited to their needs.

### PLANT

The physical plant consists of twelve attractive buildings designated as follows: Administration Building, Library, Training School, Industrial Arts Building, Conservatory of Music, Home Economics Practice House, Students' Club House, Home Economics Building, Gunter Hall of Health, and three dormitories—Belford Hall, Decker Hall, and Gordon Hall. This group of buildings is to be supplanted in the summer of 1930 by the erection of a faculty club house to cost approximately \$65,000, which will be financed by the faculty members themselves.

Aside from the dormitories and club houses, each building is provided with a number of comfortable class rooms and laboratories.

Surrounding the buildings is a beautiful campus of sixty-five and one-half acres. It is covered with trees and a splendidly kept lawn and is dotted here and there with shrubs and flowers.

### HISTORY AND ORGANIZATION

By authority of the Board of Trustees provision for graduate study at Colorado State Teachers College was made in the spring of 1913, and in the beginning of the summer quarter of that year classes were organized and the work of graduate study begun under the direction of a special committee. At the time the college had a small number of resident graduates, who took advantage of the new offerings and thus constituted the first graduate class.

The first degrees were conferred in 1914 when there were two candidates. During the year 1928-1929, sixty-one candidates received the degree of Master of Arts.

The aim of this new organization was advanced study beyond the Bachelor of Arts degree and leading to the Master of Arts degree. The general requirements were

one year of study in residence in advance of the work required for the Bachelor of Arts degree, and research culminating in a written thesis on some vital problem of education.

Under the leadership of different men who served both as the head of the Department of Education and dean of the Graduate School, the work continued under much the same plan until the present administration. For two years thereafter, it was administered through a co-operative policy between the Department of Research and the heads of the other departments. In 1926, the graduate work was placed under the direction of a Graduate Council consisting of seven members appointed by the president together with the president and vice-president as members ex-officio.

In the course of three years, the rapidly increasing number of graduate students together with the additional work entailed demanded a different type of administrative organization. So, beginning with the summer session of 1930, the graduate work is to proceed under a new plan. By action of the Board of Trustees, the Graduate School will be organized as a separate and distinct administrative unit of the college. The legislative and advisory functions with reference to the school are to be vested in the Graduate Council appointed by the president. The executive functions are to be exercised by an administrative officer to be designated as the director of the Graduate School.

Recently steps have been taken to offer work in certain departments leading to the Doctor of Philosophy degree.

## PURPOSE OF THE GRADUATE SCHOOL

The purpose of the Graduate School is to increase the candidate's efficiency as a teacher and an independent worker in the field of education. To achieve these ends, three main phases of his training are emphasized: (1) To give the candidate a better background of academic

information in his major and related fields; (2) To enlarge his knowledge in the professional field of education and educational psychology to the end that he may better understand the learner's mind, its laws of growth, and the means to be employed in its development; (3) To acquaint the student with the elements of research technic in order to give him some degree of facility in attacking and solving problems similar to those that will later confront him in his professional life.

### DEGREE OF MASTER OF ARTS

On this level the Graduate School recognizes two classes of graduate students: (1) Regular students who wish to enter and become candidates for the degree, Master of Arts; (2) Special students who, having taken a Bachelor's degree, wish to broaden their education without reference to a higher degree.

### ADMISSION TO THE GRADUATE SCHOOL

1. Application for admission for either of the purposes named above shall be made to the registrar of the College. Formal blanks for this purpose will be furnished by his office.

2. The requirements for admission:

- a. The degree, Bachelor of Arts, Philosophy, Science or other four-year degree from a reputable institution authorized by law to confer these degrees and approved by this institution
- b. All undergraduates in Colorado State Teachers College who are within four hours of meeting the requirements for the A. B. degree may be admitted to the Graduate School, provided they carry twelve hours of graduate work

- c. Official credentials to be filed with the registrar giving
  - (1) A record of high school work
  - (2) Transcript of the undergraduate college or university grades. Students, if possible, should present these credentials two months before entrance. If the required credentials have not been filed previously with the registrar, the student's registration will be considered tentative until this requirement is met

Excess undergraduate work taken in Colorado State Teachers College may be applied toward the Master of Arts Degree, provided the student files with the registrar, prior to the time the work is done, a statement from the director of the Graduate School granting him the privilege to do this. Such credit will be granted only to students who in their fourth year do not need all of their time for the completion of their undergraduate work. The graduate class card (pink) must be used by students who wish credit for courses taken under this provision.

A student must take at least one course of graduate rank to be enrolled as a graduate student. Otherwise his status will be that of an undergraduate student.

The student's first quarter in the Graduate School is considered to be a test of his ability to do acceptable graduate work. Any student whose record or personal qualifications at the end of the first quarter are unsatisfactory will not be admitted to candidacy for the degree.

Admission to the Graduate School *does not guarantee admission to candidacy* for the Master of Arts Degree.

## GRADUATE STUDY

1. Students entering the Graduate School should realize that their status is different from that of the undergraduate. Administrative machinery cannot be wholly

dispensed with, so minimum requirements must be made. However, the aim of the graduate student should not be to meet requirements primarily. He should see in his graduate experience the opportunity to enlarge his knowledge and make himself an *independent* worker. To realize these ends, his interest and effort should carry him beyond the bounds of mere requirements. His achievement should be limited only by the time, energy, and ability at his command.

2. The department in which the student elects to do the greater part of his work is designated as his "major department". While no definite credit hour regulations as to majors and minors are set, nevertheless the graduate student's efforts should not be scattered and unrelated. Narrow specialization within a single field in most cases is not advised, but the candidate's work should be characterized by a certain definiteness and unity. To this end the student and his major professor are expected at the outset to formulate a tentative three quarter program of articulate courses to be approved by the director of the Graduate School.

3. No graduate credit will be given for courses numbered under 100, or for scattered and unrelated courses.

4. All courses numbered under 200 require additional work for graduate credit. The additional work consists of requirements such as special reports, term papers, or original research. The particular requirement made in each case must be indicated by the instructor on the back of the student's class card before it is filed with the registrar at the end of the quarter.

5. Fellows are required to reduce their student load in proportion to the amount of assistance given the college.

6. Sixteen quarter hours are recognized as constituting a full program for the graduate student. However, if

his classification tests are sufficiently high, on the recommendation of his major professor, he may be permitted by the director of the Graduate School to carry a *maximum* of seventeen or eighteen hours. Research upon the thesis must be included within the limit stated.

7. Not more than one-half (twenty-four quarter hours) of the student's graduate credit shall fall below the grade of "B". Otherwise, he will be required to do additional work to complete the requirement for the degree.

8. Graduate students will not be permitted to engage in more than one extra-curricular activity per quarter and then only when they reach a fifty percentile rank on the intelligence test and have made an average of "B" or more in their course work. Extra-curricular activities shall be construed to include athletics, debates, oratory, dramatics, student publications, student participation in government, and the Boosters Club.

#### COURSES NOT TAUGHT BY MEMBERS OF THE GRADUATE FACULTY WHICH MAY BE ACCEPTED FOR GRADUATE CREDIT

Certain theory and skill courses numbered 100 or above in special departments such as Industrial Arts and Men's Physical Education taught by instructors who are not regular members of the Graduate Faculty may be accepted for graduate credit with the consent of the student's major professor and the director of the Graduate School, provided the student is majoring or minoring in these fields.

#### AUDITORS

Graduate students carrying a full program with the consent of their major professor may audit one class without extra fee.

## SPECIAL STUDENTS

Special students must meet all graduate requirements of the courses for which they register. If they should decide later to become candidates for the advanced degree, they must meet all the requirements in the field of their chosen major.

Courses taken under the status of a special student may not be counted toward the Master's Degree unless they be approved by the director of the Graduate School on the recommendation of the student's major professor at the time of admission to candidacy.

## ADMISSION TO CANDIDACY

1. Not later than the tenth week of the student's first quarter, application for admission should be made to the registrar of the College. Formal blanks will be furnished by his office.

2. As soon as practicable, after grade reports for the first quarter's work are in the hands of the registrar and the student's application is filled out in satisfactory form, he will be considered for admission to candidacy by the director of the Graduate School.

3. Before a student can be admitted to candidacy, he must meet the following requirements:

- a. He must have demonstrated his ability to do a high grade of work in his field of specialization and must have shown promise of ability to do research
- b. The average of his first quarter's grades must be above the mean grade of "C"
- c. He must have given evidence to the director of the Training School of his ability to teach. This may have been done by either of the following ways:



- (1) Successful teaching experience; (2) Successful student teaching
- d. He must have established satisfactory classification test scores during the first quarter of his graduate work
  - e. He must have demonstrated during his first week in departmental Research 223 a proficiency in organizing and expressing thought in writing. If the student shows an inability to do this, he is required to take English 20 without credit during his first quarter of graduate work
  - f. He must have shown his personal fitness to become a candidate
  - g. The student's major professor must have filed with the registrar a statement endorsing the student for admission to candidacy and giving the subject of his thesis. Blanks for this purpose will be furnished by the registrar's office
4. A candidate may be required by his major professor or the director of the Graduate School to pass either a written or an oral preliminary examination before he is admitted to candidacy.

#### AD INTERIM WORK ON THE MASTER'S STUDY

Data for a thesis study may be collected in absentia without credit if approved in advance by the student's major professor. The thesis, however, must be written while the student is in residence.

#### TIME LIMIT FOR DEGREE

There are two main types of residence work—that carried on during the regular academic year (fall, winter, and spring quarters) and that carried on entirely in the summer quarter. Continuous systematic study so far as possible in either case is very essential. Hence the following regulations are made:

1. Students entering upon graduate work during any one of the regular academic quarters (fall, winter, or spring) must complete and have approved by the Graduate Council all graduate work including the thesis within two years from the time graduate work is begun, or additional requirements may be made by the Graduate Council
2. Students who restrict their graduate work entirely to the summer quarters must complete and have approved by the Graduate Council all requirements including the thesis within five summer quarters, or additional requirements may be made by the Graduate Council

### REQUIREMENTS FOR THE DEGREE

1. Beyond the four year undergraduate course, the student working for the degree, Master of Arts, must earn graduate credits amounting to forty-eight quarter hours. Three quarters of work in residence are required, but one quarter of approved graduate work may be transferred from another institution; or sixteen hours of approved graduate work may be done in extra-mural group classes conducted by instructors approved by the director of the Graduate School. In no case shall these provisions reduce the two full quarters of work (thirty-two hours) required to be done on the campus.

2. Research culminating in the writing of a thesis upon some selected problem shall be an integral part of the work required for the degree. A maximum of ten hours credit may be granted for this research.

3. Every student must register for Research 223 in his major field during his first full quarter of regular graduate work.

4. The student must have at least sixty-four quarter hours of under-graduate and graduate work in his major or closely related subjects.

5. He must have not less than thirty-two hours of undergraduate and graduate professional work in Education, Educational Psychology, and related fields, such as Educational Sociology, and Educational Biology. If the candidate majors in Education or Educational Psychology, sixty-four quarter hours will be required, but only work in Education or Educational Psychology will be accepted for such undergraduate and graduate work.

6. Before final approval for the degree, the student may be held for an examination by the student's major professor assisted by the director of the Graduate School.

7. The Master of Arts Degree shall be granted only by vote of the Graduate Council.

## THESIS

1. When the subject of the thesis study has been decided upon, the student's major professor shall notify the director of the Graduate School in writing, giving both the name of the student and the subject of the study. The director shall then appoint a member of the graduate faculty to serve with the major professor as a Thesis Advisory Committee. The advisory member shall have official relation to the major professor alone and not to the student.

The major professor shall, after consultation with the advisory professor, approve the whole plan of procedure as outlined in the agendum and they both shall constitute a reviewing committee for the thesis in its final form.

2. At least four weeks before the date upon which the degree is to be conferred two copies of the student's thesis shall be filed with the major professor for examination and criticism by the Thesis Advisory Committee.

3. At least two weeks before the date on which the degree is to be conferred, the complete thesis in final form must be approved, and two copies, properly signed, filed with the director of the Graduate School. One of these

must be an original copy. For the purpose of binding these copies, the student must deposit \$2.00 with the business agent of the College.

4. One week before graduation date, brief typewritten digests of the thesis must be filed, one with the student's major professor, one with the director of research, and two with the director of the Graduate School, the latter to be bound with the copies of the thesis prepared for the library.

5. The thesis must conform to definite standards. It must be typewritten on paper of good quality, size 8½x11 inches, and be properly bound. The arrangement of the title page is as follows:

## COLORADO STATE TEACHERS COLLEGE

Title of Thesis

A Thesis Submitted in Partial Fulfillment of the  
Requirements for the Degree of

Master of Arts

by

(Student's Name)

(Title of Major Department)

Date

6. The form of the approval sheet shall be as follows:

Approved by:

Major Professor .....

Department .....

Advisory Professor .....

Department .....

Director of the Graduate School

.....

## THE DEGREE OF DOCTOR OF PHILOSOPHY

A tentative plan has been developed for the granting of the Doctor's Degree in the departments of Education and Educational Psychology.

Since 1927, a few exceptionally well qualified administrators and teachers in the field have been admitted to candidacy for the Doctor's Degree. But the policy of the College is still in the formative stage. The above mentioned candidates have been encouraged by the departments of Education and Educational Psychology, as a result of their excellent qualifications for advanced graduate training.

The granting of the Doctor's Degree has been approved by the Board of Trustees of the College.

General standards for this degree have been tentatively established by the Graduate Council:

1. The candidate must complete the equivalent of two years of graduate work above the Master's Degree.

2. Great emphasis is placed upon practical research carried on by the candidate in the field. In fact, research of this nature is stressed as the significant feature of the Doctor's Degree in Colorado State Teachers College. All of the candidate's work is designed to give him specific help through courses and field studies in improving public education while he is in service. Instead of the conventional dissertation, three field studies are required. For each field study the candidate registers each quarter of a school year (fall, winter, and spring) in a research field course. For each study a maximum of twelve quarter hours of credit may be earned or a total of thirty-six hours for the three studies. An oral examination on each field study is held by the Graduate Council, and each study must be published in acceptable summary form before credit is granted for it. In no case will the degree be conferred in less than three years from the date of admission to work for the Doctor's Degree.

3. Residence work is required in the summer quarters while the candidate is free from his administrative or teach-

ing duties to pursue course work. During the summer quarters, the candidate completes his course work and secures help from his major professor on his field studies.

4. The Graduate Council may approve residence graduate work in other graduate schools, particularly where special course work may be pursued.

5. The candidacy of each student thus far has been treated as an individual case. Only superior students who have successful records as administrators or teachers will be considered by the council for admission to candidacy for the Doctor's Degree. For students without previous graduate work in Colorado State Teachers College, the council will require at least one quarter of graduate work before such students will be considered for candidacy. This requirement is necessary in order to secure personal evaluation of the qualifications of the student for admission to candidacy.

6. No candidate will be considered who is not at the time of his admission actually holding an administrative or teaching position in the field.

### LIFE CERTIFICATE

All graduate degrees entitle the holder to a Life Certificate in the State of Colorado. These certificates are accepted, also, without question by practically all other state departments.

### EXTENSION WORK

No graduate credit is given for correspondence work. With the approval of the director of the Graduate School, a maximum of sixteen quarter hours of graduate credit may be earned by completing graduate courses offered in extension classes. In order to register for graduate credit in extra-mural classes, the following procedure should be observed:

1. The student shall file with the registrar proof of having received a Bachelor's Degree from a reputable institution, together with a transcript of his work in such institution and the preparatory credits upon which he was originally admitted.

2. The director of the Graduate School may not approve an extra-mural course for graduate credit unless the instructor holds a Master's or Doctor's Degree with minimum specialized training as follows:

- a. Thirty-two quarter hours in Education and Educational Psychology
- b. Twenty quarter hours in the special field in which he wishes to teach

3. Not more than six quarter hours of credit may be earned by study in extension classes until the student has been admitted to candidacy for the Master's Degree. Graduate credit earned before admission to candidacy will be recorded but not validated until admission to candidacy has been completed. On the basis of his residence record, credit for extra-mural work will be subject to revision.

4. A student may not be admitted to candidacy until after sixteen quarter hours have been completed in residence study.

5. Extra-mural students expecting to become candidates for the Master's Degree should plan their program for their entire Master's Degree work with their major professor before enrolling for the second extra-mural course.

6. A graduate student enrolled in an extension course numbered below 200 must prepare, under the direction of the instructor, a special paper dealing with some phase of the course. This paper must be of such a standard that for each quarter hour of credit a minimum of four clock hours will be required in preparation. For illustration, a course carrying three quarter hours of credit will require a special paper which will occupy the student, in the judg-

ment of the instructor, a minimum of twelve clock hours in preparation period. At the conclusion of the course, the instructor must send his paper to the director of the Extension Department for filing in order that it may be available for inspection by the student's major professor.

7. The Master's Degree will not be conferred upon students who meet their residence requirements by attending summer sessions only, until twelve months after the date upon which the student was admitted to candidacy for the Master of Arts Degree.

### THE DEPARTMENT OF TRAINING SCHOOLS

The department of Training Schools comprises a complete elementary and secondary school system from the pre-school and kindergarten to the twelfth year inclusive. The building is equipped with the most modern furniture and apparatus for teaching. The laboratories, auditorium, gymnasium, and library represent the best to be had.

Graduate students especially interested in the supervision of student teaching will find excellent opportunities and facilities for systematic courses in training school supervision under the guidance of expert training teachers. For this work the Training Schools provide an excellent teaching, testing, and research laboratory.

There is a real demand for professionally equipped training school supervisors who have a Master's Degree. To help meet this demand, Colorado State Teachers College is offering a year of graduate work in training school supervision.

Graduate students interested in rural education will find excellent opportunities for research work in the extra-mural training centers.

### LIBRARY

The library contains sixty-seven thousand volumes, a large illustrative picture collection, and several thousand



pamphlets. The building has two floors, both of which are used for library purposes. The main floor is a reading and general reference room, where are shelved many of the periodical and reference books. On this floor, also, are kept reserved books, which are for special use within the building. The basement floor contains the general book collection stacks, government publications, and unbound volumes of magazines. The volumes in the library have been selected with special reference to the needs of students in education, for teachers, and for educational research work.

### SCHOOL YEAR

The school year is divided into four quarters, designated as the fall, winter, spring, and summer quarters. The work of the summer quarter is on a par with that done during the regular year in respect to both quantity and quality. Because of the large enrollment very few members of the resident teaching staff take their leaves of absence during the summer quarter. Moreover, the regular faculty is always supplemented by a large number of visiting instructors.

### FEES

#### MATRICULATION—

\$5.00 is paid by all students entering the college for the first time. It is paid but once by the student and cannot be refunded.

#### QUARTERLY FEES—FALL, WINTER, AND SPRING QUARTERS

Incidental .....	\$ 8.00
Library .....	2.00
Physical Educa- tion and Health.....	2.00
Total .....	<u>\$12.00</u>

#### Student Association—\$5.00—

Must be paid by all students taking more than four hours of work.

**Non-residence Fee—\$5.00—**

Paid quarterly by students who are not residents of Colorado. To establish residence in Colorado, one must live in the State for one year with the intention of making it his permanent residence.

**Laboratory Fee—**

Certain courses require small laboratory fees.

**Part Time Fees—**

Students carrying four hours or under will be charged \$6.00 plus any laboratory fee that may be attached to the course. Five hours or above carries all the regular fees.

**QUARTERLY FEES—SUMMER QUARTER****Incidental—**

Full Quarter.....	\$32.00
Half Quarter....	16.00
Library Fee .....	2.00

**Non-Residence Fee—**

Full Quarter.....	\$5.00
Half Quarter.....	2.50

Laboratory fees to be added to above

**FEES FOR LESS THAN A FULL PROGRAM**

Laboratory, non-residence, and library fees as listed above to be added to the following:

1 or 2	Quarter Hours	\$5.00
3	Quarter Hours	\$7.50
4	Quarter Hours	\$10.00
5, 6, 7, 8	Quarter Hours	\$16.00
9	Quarter Hours	\$16.00
	(If taken during one-half)	
9	Quarter Hours	\$20.00
	(If taken during whole quarter)	
10 or 11	Quarter Hours	\$25.00

12 hours or above, considered a full program and carries the regular fees.

## LIVING EXPENSES

Living expenses for graduate students are as reasonable as is compatible with health, congenial surroundings, and comfort. Single rooms rent for from \$36.00 to \$54.00 a quarter. Rooms that accommodate two people range in price from \$27.00 to \$54.00 a quarter per person.

Board ranges in price from \$5.00 to \$7.00 a week in regular boarding houses. Many students eat at tea rooms and restaurants adjacent to the campus where good board may be obtained at the same or slightly higher prices.

Married students who wish small apartments or light housekeeping accommodations can usually secure them either in apartment houses or private homes at popular prices.

Women students who wish more specific information regarding these matters should write the dean of women; men students, the dean of men.

## FELLOWSHIPS AND SCHOLARSHIPS

1. TEACHING FELLOWSHIPS—Under this provision ten fellowships are open. Each carries a stipend of \$450.00 paid in nine equal installments. Fellows are required to teach at least six hours per week and may not register for more than twelve hours of courses per quarter. Application for these fellowships should be made to the vice-president of the College and should be accompanied by such credentials and references as the student may wish to submit.

2. BOARD OF TRUSTEES SCHOLARSHIP—Two of these scholarships are open each year and are known as the "State Superintendent of Public Instruction Scholarships." Each covers the *regular college fee* for one year of graduate work. Application for these should also be made to the vice-president of the College.

## LOAN FUNDS

The college administers numerous loan funds which are open to graduate students. At present, the total aggregate of these is over \$20,000. They are designed to assist worthy, promising students who for various unexpected causes find themselves without sufficient funds to continue their work.

Applications for loans are made to the treasurer of the College, who investigates the record of each applicant carefully. To obtain a loan, the record of each student must show that he is worthy and that he will be in a position to repay the loan within a reasonable time.

## HONORARY FRATERNITIES

### PHI DELTA KAPPA

This is a national, honorary, professional fraternity open to men from all departments who plan to pursue any phase of education. The chapter at Colorado State Teachers College was the thirty-seventh to be established and holds the first charter granted to a state teachers college. Membership is by invitation to those who possess the requisite qualifications.

### KAPPA DELTA PI

Kappa Delta Pi is a national, honorary, educational fraternity open by invitation to both men and women. The eighth chapter to be organized is located at Greeley and it, also, holds the first charter granted to a state teachers college.

### PI KAPPA DELTA

Pi Kappa Delta is a national debating fraternity open by invitation to all students who have taken part in intercollegiate debates, oratorical contests, or who may be pursuing that type of work.

## OTHER FRATERNITIES

In addition to these more general honorary fraternities, several departments have chapters of national fraternities in their respective fields. These are open by invitation to both graduate and undergraduate students.

## HEALTH SERVICE

A thorough health examination is required of each student as soon as practical after registration and thereafter once each year. Matriculation is not completed until this examination has been made and recorded, and students are not graduated unless the examinations are attended to regularly and promptly. The medical advisers keep regular office hours for free consultation concerning personal health problems. These examinations and conferences have for their purpose the prevention of illness and the promotion of the vigorous health of students.

## MUSEUM OF NATURAL HISTORY

The Museum of Natural History has been built up so far as possible as an aid in the training of teachers of science. It includes more than one thousand birds. Many of these are Colorado species. One collection of humming birds of more than 500 specimens from the Tropics, shows the highest degree of variation and adaptation that may occur among a single family of birds.

Specimens of many mammals, both beneficial and harmful, add to the interest and usefulness of the museum as an aid in the teaching of science.

Habitat studies are being added and should prove to be an attractive feature.

Collections of insects, including butterflies from the tropical climates, furnish concrete illustrations of the great variety and uniqueness of biological adaptations.

The museum presents an opportunity for teachers to become familiar with the fauna of the region. This cannot

be done out of doors without miles of travel and hours, sometimes days, lying in concealment in order to see even a single species.

### STENOGRAPHIC BUREAU

The College maintains a Stenographic Bureau for the convenience of graduate students. This bureau furnishes the supplies and prepares typewritten copies of term papers, term outlines, and theses. The charge for such service is very reasonable, consisting usually of the cost of the supplies and the stenographer's time. The bureau, however, does not obligate itself to take care of all the theses which may be turned in near the close of the quarter.

### THE COLLEGE PLACEMENT BUREAU

The College maintains a Placement Bureau to assist students in finding the right teaching position. During the college year, October 1, 1928, to September 30, 1929, there were 549 students placed in thirty-six states, Hawaii, and the Philippine Islands. These placements were distributed as follows: college teachers, 24; school superintendents, 13; high school principals, 5; elementary school principals, 14; junior high school classroom teachers, 47; senior high school classroom teachers, 145; elementary classroom teachers, 301. The average salary for all placements is \$1280.75. The highest salary is \$5200. The cost to the student for Placement Bureau Service is an annual registration fee of \$3.00 and the actual cost of telephone calls and telegrams.

### STUDENTS' EMPLOYMENT BUREAU

As one of its special activities, the Extension Department of the College conducts a Student Employment Bureau which is organized for the purpose of assisting worthy students to obtain part time employment to help defray a

part of their college expenses. Students who plan to attend the summer session and who wish to secure part time employment should file their names at the earliest possible moment with the Student Employment Bureau, Extension Department, Colorado State Teachers College.

## RECREATIONAL AND SCENIC TOURS

While the object of graduate students is study rather than pleasure, yet no student can work all the time. The more studious he is and the harder he applies himself, the greater the need of periodic rest and relaxation.

In order to accommodate students who need diversion or who wish to combine recreation with study, the college will conduct special tours on several week-ends during the summer session. These trips require from one to three days depending upon the points visited and cover from one hundred to three hundred miles. They are run on a non-profit basis insofar as the College is concerned and offer the student an excellent opportunity to visit America's most beautiful playground at an exceptionally low cost.

Among the many interesting places visited by the large sight-seeing cars are Grand Lake, Moffat Tunnel, Estes Park, Lookout Mountain and Buffalo Bill's Grave, Devil's Gulch, the famous Pawnee Buttes fossil beds, Pike's Peak, and the Colorado Springs region, the Garden of the Gods, Cheyenne Frontier Days celebration, and the Denver mountain parks. Special fishing, hunting, and mountain climbing excursions are easily arranged.

## THE COURSE OF STUDY

## ART

100. SUPERVISION OF ART EDUCATION—Fall and summer quarters. Two hours.
101. FIGURE DRAWING—Winter and summer quarters. Four hours.
103. ART STRUCTURE II—Fall and summer quarters. Four hours.
- 103a. ART STRUCTURE—Winter quarter. On request. Four hours.
104. DESIGN—Spring quarter. Four hours.
- 104a. TEXTILE DESIGN AND PROCESSES—Fall and summer quarters. Two hours.
105. WATER COLOR PAINTING—Fall, spring and summer quarters. Four hours.
106. TEACHING ART APPRECIATION—Fall and summer quarters. Two hours.
107. CONSTRUCTIVE DESIGN—Winter, spring and summer quarters. Four hours.
108. POTTERY—Fall quarter. Two hours.
109. HISTORY OF ART—Fall and summer quarters. Four hours.
112. COLOR THEORY AND COMPOSITION—Winter and summer quarters. Four hours.
115. FREEHAND DRAWING II—Spring quarter. Four hours.
116. FREEHAND DRAWING III—Fall, winter and summer quarters. Four hours.
117. LETTERING II—Fall, spring and summer quarters. Four hours.
118. STAGECRAFT AND PAGEANTRY—Spring and summer quarters. Two hours.
119. ADVANCED POSTER COMPOSITION—Fall and summer quarters. Two hours.
120. OIL PAINTING—Every quarter. Four hours.
121. MODELING—Spring and summer quarters. On request. Two hours.
122. TESTS IN ART EDUCATION—Spring quarter. Two hours. Not given 1930.
212. COLOR THEORY AND COMPOSITION—Winter quarter. Four hours.
220. ADVANCED OIL PAINTING—Given on request.
223. RESEARCH IN ART EDUCATION—Every quarter. Four hours.
224. RESEARCH IN ART EDUCATION—Every quarter. Four hours.
225. RESEARCH IN ART EDUCATION—Every quarter. Two hours.



## BIOLOGY

100. EVOLUTION—Fall and summer quarter. Four hours.
101. GENETICS AND EUGENICS—Winter and summer quarters. Four hours.
201. GENETICS AND EUGENICS—Winter and summer quarters. Four hours.
103. BIOLOGY SEMINAR—Every quarter. Two hours.
102. TEACHING OF BIOLOGY—Spring quarter. Four hours.
203. BIOLOGY SEMINAR—Every quarter. Two hours.
223. BIOLOGICAL RESEARCH—Every quarter. Four hours.
224. BIOLOGICAL RESEARCH—Every quarter. Four hours.
225. BIOLOGICAL RESEARCH—Every quarter. Two hours.

## BACTERIOLOGY

100. GENERAL BACTERIOLOGY—Winter and summer quarters. Four hours.

## BOTANY

101. SYSTEMATIC BOTANY—Summer quarter. Four hours.
102. BOTANICAL TECHNIC AND HISTOLOGY—Fall quarter. Four hours.
103. PLANT PHYSIOLOGY—Winter quarter. Four hours.
201. TAXONOMY—Summer quarter. Four hours.
223. BOTANICAL RESEARCH—Every quarter. Four hours.
224. BOTANICAL RESEARCH—Every quarter. Four hours.
225. BOTANICAL RESEARCH—Every quarter. Two hours.

## ZOOLOGY

101. INVERTEBRATE ZOOLOGY—Spring quarter. Four hours.
102. VERTEBRATE ZOOLOGY—Spring quarter. (Not given 1929-30.) Four hours.
103. ZOOLOGICAL TECHNIC AND ANIMAL HISTOLOGY—Winter quarter. Four hours.
107. ELEMENTARY ENTOMOLOGY—Fall quarter. Four hours.
108. EMBRYOLOGY—Summer quarter 1930. Four hours.
201. MORPHOLOGY OF THE VERTEBRATES—Winter quarter. Four hours.
223. ZOOLOGICAL RESEARCH—Every quarter. Four hours.
224. ZOOLOGICAL RESEARCH—Every quarter. Four hours.
225. ZOOLOGICAL RESEARCH—Every quarter. Two hours.

## CHEMISTRY

216. AGRICULTURAL CHEMISTRY—Fall quarter. Four hours.
217. THE TEACHING OF CHEMISTRY—Fall quarter. Four hours.
212. FOOD ANALYSIS—Every quarter. Two or four hours.

215. INDUSTRIAL CHEMISTRY—Every quarter. Two or four hours.
221. ADVANCED INORGANIC CHEMISTRY—Winter quarter. Two or four hours.
222. ADVANCED INORGANIC CHEMISTRY—Spring quarter. Two or four hours.
223. RESEARCH IN CHEMISTRY—Every quarter. Four hours.
224. RESEARCH IN THE TEACHING OF CHEMISTRY—Four hours.
225. RESEARCH IN THE TEACHING OF CHEMISTRY—Two hours.

## COMMERCIAL EDUCATION

101. APPLIED ECONOMICS—Winter quarter. Four hours.
106. SECRETARIAL SCIENCE I—Spring and summer quarters. Four hours.
144. COMMERCIAL LAW II—Winter quarter (Not given 1930-1931.) Four hours.
155. THE ECONOMICS OF RETAILING—Spring quarter. (Not given 1930-1931.) Four hours.
157. METHODS OF TEACHING BOOKKEEPING—Spring and summer quarters. Four hours.
160. BANKING PRACTICE—Fall quarter. Four hours.
161. COST ACCOUNTING—Winter quarter. Four hours.
201. ADVANCED ACCOUNTING I—Fall quarter. Four hours.
202. ADVANCED ACCOUNTING II—Winter quarter. Four hours.
203. ADVANCED ACCOUNTING III—Spring quarter. Four hours.
204. AUDITING—Spring quarter. Four hours.
212. PROBLEMS IN COMMERCIAL EDUCATION—Fall quarter. Four hours.
213. SUPERVISION AND ADMINISTRATION OF COMMERCIAL EDUCATION—Winter and summer quarters. Four hours.
223. RESEARCH IN COMMERCIAL EDUCATION—Every quarter. (Taken in the first quarter of graduate work.) Four hours.
224. RESEARCH IN COMMERCIAL EDUCATION—Every quarter. Four hours.
225. RESEARCH IN COMMERCIAL EDUCATION—Every quarter. Two hours.

## EDUCATION

- 102a. STUDENT SUPERVISION IN ELEMENTARY TRAINING SCHOOL—Every quarter. Four hours.
- 103a. STUDENT SUPERVISION IN THE SECONDARY TRAINING SCHOOL—Every quarter. Four hours.

108. EDUCATIONAL SUPERVISION—Spring and summer quarters. Four hours.

110. EXTRA-CURRICULAR ACTIVITIES AND EDUCATIONAL GUIDANCE—Fall, winter, and summer quarters. Four hours.

110c. CITIZENSHIP EDUCATION IN THE SCHOOLS—Fall quarter. Two hours.

111. HISTORY AND PHILOSOPHY OF EDUCATION—Fall, spring, and summer quarters. Four hours.

114. PRIMARY SUPERVISION—Summer quarter. Four hours.

115. ORGANIZATION AND ADMINISTRATION OF THE ELEMENTARY SCHOOL—Summer quarter. Four hours.

117. PROBLEMS IN SCHOOL DISCIPLINE—Summer quarter. Two hours.

118. PROBLEMS IN CHARACTER AND MORAL EDUCATION—Winter and summer quarters. Two hours.

120. ELEMENTARY RURAL SCHOOL EDUCATION—Fall and summer quarters. Four hours.

125. MODERN TRENDS IN RURAL SCHOOL EDUCATION—Spring and summer quarters. Four hours.

127. SPECIAL RURAL SCHOOL METHODS—Fall and summer quarters. Four hours.

134. HISTORY OF EDUCATION IN THE UNITED STATES—Winter and summer quarters. Four hours.

150. FOUNDATIONS OF METHOD—Fall and summer quarters. Four hours.

151. THE PRE-SCHOOL—Winter and summer quarters. Four hours.

155. RECENT INVESTIGATIONS IN KINDERGARTEN EDUCATION—Summer quarter. Four hours.

156. CREATIVE EDUCATION—Fall and summer quarters. Four hours.

190. THE ADMINISTRATION OF NORMAL SCHOOLS AND TEACHERS COLLEGES—Winter and summer quarters. Two hours.

192. TRAINING SCHOOL PROBLEMS IN THE PROFESSIONAL EDUCATION OF TEACHERS—Winter and summer quarters. Two hours.

208. PROBLEMS OF THE SCHOOL CURRICULUM—Fall and summer quarters. Four hours.

(A student may earn up to 12 hours in the curriculum field by taking Ed. 208, 209, and 210.)

209. SEMINAR IN ADVANCED CURRICULUM CONSTRUCTION—Winter quarter. Four hours.

210. SEMINAR IN EDUCATIONAL VALUES—Spring quarter. Four hours.

211. CONCEPTIONS OF MIND IN EDUCATIONAL THEORY—Winter quarter. Four hours.

213. PROBLEMS OF JUNIOR HIGH SCHOOL ADMINISTRATION—Summer quarter. Two or four hours.

(Given successive summers as Ed. 213, 214, and 215. Students may earn up to 12 hours in this field.)

214. PROBLEMS OF JUNIOR HIGH SCHOOL SUPERVISION—Summer quarter. Two or four hours.
215. PROBLEMS OF JUNIOR HIGH SCHOOL CURRICULUM—Spring and summer quarter. Two or four hours.
216. PROBLEMS OF HIGH SCHOOL ADMINISTRATION—Summer quarter. Four hours.  
(Given successive summers as Ed. 216, 217, and 218. Students may earn up to twelve hours.)
217. PROBLEMS OF HIGH SCHOOL SUPERVISION—Summer quarter. Four hours.
218. PROBLEMS OF HIGH SCHOOL CURRICULUM—Summer quarter. Four hours.
219. PROBLEMS OF STUDY AND DISCIPLINE—Spring and summer quarters. Four hours.
223. RESEARCH IN EDUCATION—Every quarter. Four hours.  
(To be taken in first quarter of graduate work.)
224. RESEARCH IN EDUCATION—Every quarter. Four hours.
225. RESEARCH IN EDUCATION—Every quarter. Two hours.
230. A HISTORY OF PHILOSOPHY—Winter and summer quarters. Four hours.
242. PROBLEMS OF SCHOOL ADMINISTRATION (*First Course*)—Fall and summer quarters. Four hours.  
(Administration majors may earn up to 12 hours in this field by taking Ed. 242, 243, and 244.)
243. PROBLEMS OF SCHOOL ADMINISTRATION (*Second Course*)—Winter and summer quarters. Four hours.
244. PROBLEMS OF SCHOOL ADMINISTRATION (*Third Course*)—Spring and summer quarters. Four hours.
258. PROBLEMS OF ELEMENTARY EDUCATION (*First Course*)—Spelling and Reading—Fall and summer quarters. Four hours.  
(A student may earn up to 12 hours in Elementary Education by taking Ed. 258, 259, and 260.)
259. PROBLEMS OF ELEMENTARY EDUCATION (*Second Course*)—Content Subjects—Winter and summer quarters. Four hours.
260. PROBLEMS OF ELEMENTARY EDUCATION (*Third Course*)—Handwriting, Composition, Arithmetic—Spring and summer quarters. Four hours.

## EDUCATIONAL PSYCHOLOGY

103. PSYCHOLOGY OF ADOLESCENCE—Third or fourth year. Spring quarter. Four hours.
104. PSYCHOLOGY OF ELEMENTARY SCHOOL SUBJECTS—Spring and summer quarters. Four hours.
105. THE PSYCHOLOGY OF SENIOR HIGH SCHOOL SUBJECTS—Third Year. Winter and summer quarters. Four hours.

106. CLINICAL PSYCHOLOGY—Winter quarter. Four hours.
107. MENTAL TESTS AND MEASUREMENTS—Winter and summer quarters. Four hours.
- 108a. EDUCATIONAL MEASUREMENT IN THE ELEMENTARY GRADES AND JUNIOR HIGH SCHOOL—Fall and summer quarters. Four hours.
- 108b. EDUCATIONAL MEASUREMENT IN THE SENIOR HIGH SCHOOL—Fourth year. Spring and summer quarters. Four hours.
- 108c. TEACHERS' CLASSROOM TESTS—Spring quarter. Four hours.
109. CLINICAL PRACTICE—On request. Two or four hours.
110. GENERAL PSYCHOLOGY—Fall quarter. Four hours.
111. THE PSYCHOLOGY AND PATHOLOGY OF SPEECH—Fall quarter. Four hours.
112. PSYCHOLOGY OF MUSIC—Winter quarter. Four hours.
113. PSYCHOLOGY OF INDUSTRIAL ARTS, HOME ECONOMICS, AND FINE ARTS—Third year. (On request.) Four hours.
114. PSYCHOLOGY OF DELINQUENCY—Fall quarter. Four hours.
115. ABNORMAL PSYCHOLOGY AND MENTAL HYGIENE—Spring quarter. Four hours.
116. PSYCHOLOGY OF COMMERCIAL SUBJECTS—Winter and summer quarters. Four hours.
117. ELEMENTARY STATISTICAL METHODS—Fall and summer quarters. Four hours.
213. CONFERENCE, SEMINAR, AND LABORATORY COURSES—Any quarter.
214. ADVANCED EDUCATIONAL PSYCHOLOGY—Spring quarter. (Not given 1929-30.) Four hours.
217. INTERMEDIATE STATISTICAL METHODS—Four hours. Given on demand.
222. EXPERIMENTAL TECHNIC AND ITS APPLICATION—Fall and summer quarters. Two or four hours.
223. RESEARCH IN EDUCATIONAL PSYCHOLOGY—Every quarter. Four hours.
224. RESEARCH IN EDUCATIONAL PSYCHOLOGY—Every quarter. Four hours.
225. RESEARCH IN EDUCATIONAL PSYCHOLOGY—Every quarter. Two hours.

## ENGLISH

105. ORAL ENGLISH IN THE HIGH SCHOOL—Spring and summer quarters. Two hours.
106. THE TEACHING OF ENGLISH IN THE HIGH SCHOOL—Winter and summer quarters. Four hours.

123. PLANT GEOGRAPHY—Fall quarter. Four hours.
130. PHYSIOGRAPHY—Fall quarter. Four hours.
131. GEOLOGY—Spring quarter. Four hours.
150. GEOGRAPHY OF COLORADO—Fall quarter. Four hours.
162. TROPICAL COUNTRIES—Winter quarter. Four hours.
170. POLAR LANDS—Spring quarter. Four hours.
190. RACIAL GEOGRAPHY OF THE UNITED STATES—Spring quarter. Four hours.
192. POLITICAL GEOGRAPHY—Fall quarter. Four hours.
194. GEOGRAPHIC INFLUENCES IN AMERICAN HISTORY—Fall quarter. Four hours.
199. CONSERVATIONS OF NATIONAL RESOURCES—Winter quarter. Four hours.
- 210, 211, 212. SPECIAL PROBLEMS IN GEOGRAPHY—Every quarter. Four hours.
223. RESEARCH IN GEOGRAPHY—Every quarter. Four hours.
224. RESEARCH IN GEOGRAPHY—Every quarter. Four hours.
225. RESEARCH IN GEOGRAPHY—Every quarter. Two hours.

## HISTORY

101. COMMERCIAL AND FINANCIAL HISTORY OF THE UNITED STATES—(Not given 1930-31.) Four hours.
102. ANCIENT SOCIAL HISTORY, GREECE AND THE ORIENT—Fall quarter. Four hours.
103. THE LITERATURE OF AMERICAN HISTORY—Summer quarter. Two hours.
107. THE BRITISH EMPIRE—(Not given 1930-31.) Four hours.
117. THE TEACHING OF HISTORY AND CIVICS IN JUNIOR AND SENIOR HIGH SCHOOLS—Fall quarter. Four hours.
203. THE REFORMATION—Summer quarter. Four hours.
205. MEDIEVAL LIFE AND INSTITUTIONS—Summer quarter. Four hours.
206. THE FRENCH REVOLUTION—Spring quarter. Four hours.
208. THE AMERICAN REVOLUTION—Fall and summer quarters. Four hours.
209. SLAVERY, SECESSION, CIVIL WAR, AND RECONSTRUCTION, 1850-1870—Winter quarter. Four hours.
216. LATIN-AMERICAN HISTORY—Spring and summer quarters. Four hours.
221. HISTORY OF THE FAR EAST—Winter quarter. Four hours.

223. RESEARCH IN HISTORY—Every quarter. Four hours.  
224. RESEARCH IN HISTORY—Every quarter. Four hours.  
225. RESEARCH IN HISTORY—A continuation of 224. Two hours.  
300. SEMINAR IN THE TEACHING OF HISTORY—Offered on Request. Two to four hours.

## POLITICAL SCIENCE

101. HISTORY OF THE FOREIGN POLICIES OF THE UNITED STATES—Winter and summer quarter. Four hours.  
102. INTERNATIONAL RELATIONS—Summer and spring quarters. Four hours.  
203. POLITICAL SCIENCE THEORY—Summer quarter. (Not given 1931). Four hours.

## HOME ECONOMICS

101. ADVANCED TEXTILES—Winter and summer quarters. Four hours.  
102. CHILDREN'S CLOTHES AND APPLIED DESIGN—Fall and summer quarters. Four hours.  
103. COSTUME DESIGN—Fall and summer quarters. Four hours. Fee, 50 cents.  
104. HOUSING AND HOUSE SANITATION—Winter and summer quarters. Two or four hours.  
106. HOME CARE OF THE SICK—Fall and summer quarters. Four hours. Fee, \$1.00.  
107. HOME DECORATION—Spring and summer quarters. Four hours.  
121. EXPERIMENTAL COOKERY—Fall quarter. Four hours. Students pay expense of materials used.  
123. DEMONSTRATION COOKERY—Winter quarter. Four hours. Fee, \$3.50.  
Prerequisite: A year's course in college cookery.  
124. DIETETICS—Spring quarter. Occasionally in summer. Four hours. Fee, \$3.50.  
125. CHILD CARE AND CHILD WELFARE—Spring and summer quarters. Four hours.  
126. THE SCHOOL LUNCH AND CATERING—Fall and summer quarters. Four hours. Fee, \$3.50.  
132. THE HOME—Winter quarter. Four hours.  
140. METHODS OF TEACHING HIGH SCHOOL HOME ECONOMICS—Winter and summer quarters. Four hours.  
201. TEXTILES AND CLOTHING ECONOMICS I—Fall and summer quarters. Four hours.

202. TEXTILE AND CLOTHING ECONOMICS II—Winter quarter and summer quarter (1931). Four hours.

A continuation of I.

203. TEXTILE AND CLOTHING ECONOMICS III—Spring quarter Four hours.

A continuation of II.

204. HOUSING AND PROBLEMS RELATING TO HOUSING—Summer quarter. Four hours.

By arrangement this course may be had other quarters.

208. NUTRITION WORK WITH CHILDREN—Summer quarter. (Not given 1930.) Two hours.

209. EXPERIMENTAL STUDY IN NUTRITION—Summer quarters. Two or four hours.

210. EXPERIMENTAL COOKERY—Spring and summer quarters. Four hours.

Cost of materials used paid by research student.

223. RESEARCH IN HOME ECONOMICS—Every quarter. Four hours.

224. RESEARCH IN HOME ECONOMICS—Every quarter. Four hours.

225. RESEARCH IN HOME ECONOMICS—Every quarter. Two hours.

## INDUSTRIAL EDUCATION

104. DEVELOPMENT OF VOCATIONAL EDUCATION—Not given in 1930-31. Fall quarter 1931-32. Two hours.

105. PRINCIPLES OF ARCHITECTURAL DRAWING—Fall quarter. Four hours.

108. TEACHING VOCATIONAL SUBJECTS—Winter quarter 1931-32. Two hours.

117. MACHINE DESIGN I—Winter quarter. Four hours.

118. MACHINE DESIGN II—Spring quarter. Four hours.

119. APPLIED ORNAMENT—Spring quarter 1931-32. Two hours.

126. HISTORY OF ARCHITECTURE—Spring quarter. Two hours.

133. ADVANCED PRINTING I—Fall and spring quarters. Four hours.

133. ADVANCED PRINTING II—Winter quarter. Four hours.

134. PRACTICAL NEWSPAPER WORK IN PRINTING—On request. Four hours.

135. COST ACCOUNTING IN PRINTING—On request. Two hours.

136. SHOP MANAGEMENT IN PRINTING—On request. Two hours.

137. PRINT SHOP PROBLEMS—On request. Four hours.

138. SUPERVISORY PRINTING—On request. Four hours.

201. SEMINAR IN INDUSTRIAL EDUCATION—On request. Summer quarter. Four hours.

204. DEVELOPMENT OF VOCATIONAL EDUCATION—Spring quarter. Two hours.



208. TEACHING VOCATIONAL SUBJECTS—Spring quarter. Two hours.
223. RESEARCH IN INDUSTRIAL EDUCATION—Every quarter. Four hours.
224. RESEARCH IN INDUSTRIAL EDUCATION—Every quarter. Four hours.
225. RESEARCH IN INDUSTRIAL EDUCATION—Every quarter. Two hours.

## MATHEMATICS

101. DIFFERENTIAL CALCULUS—Winter and summer quarters. Four hours.
102. INTEGRAL CALCULUS—Spring and summer quarters. Four hours.
103. THEORY OF EQUATIONS—Spring quarter. Four hours.
104. THE TEACHING OF PRIMARY ARITHMETIC—Winter, spring and summer quarters. Two hours.
105. THE TEACHING OF INTERMEDIATE ARITHMETIC—Winter, spring and summer quarters. Two hours.
106. DESCRIPTIVE ASTRONOMY—Winter and summer quarters. Four hours.
107. TEACHING JUNIOR HIGH SCHOOL MATHEMATICS—Fall and summer quarters. Four hours.
108. TEACHING JUNIOR HIGH SCHOOL MATHEMATICS—Winter quarter. Four hours.
109. TEACHING ALGEBRA—Fall and summer quarters. Four hours.
110. GEOMETRY FOR TEACHERS—Winter and summer quarters. Four hours.
200. ADVANCED CALCULUS—Winter quarter. Four hours.
201. DIFFERENTIAL EQUATIONS—Fall and summer quarters. Four hours.
223. RESEARCH IN MATHEMATICS—Every quarter. Four hours.
224. RESEARCH IN MATHEMATICS—Four hours.
225. RESEARCH IN MATHEMATICS—Two hours.

## PHYSICAL EDUCATION FOR WOMEN

100. JUNIOR PRACTICE—Fall quarter. Two hours.
102. JUNIOR PRACTICE—Spring quarter. Two years.
103. SENIOR PRACTICE—Fall quarter. Two hours.
104. SENIOR PRACTICE—Winter quarter. Two hours.
110. ADVANCED NATURAL DANCING—Spring quarter. Two hours.  
(Not given 1930-31.)
120. APPLIED ANATOMY AND PHYSIOLOGY—Fall quarter. Four hours.

121. APPLIED ANATOMY AND PHYSIOLOGY—Winter quarter. Four hours.
122. KINESIOLOGY—Spring quarter. Two hours.
123. PHYSICAL EXAMINATION AND NORMAL DIAGNOSES—Spring quarter. Two hours.  
Not given in 1930-31.
129. COACHING METHODS—Fall quarter. Two hours.
130. COACHING METHODS—Spring quarter. Two hours.
131. PAGEANTRY—Spring quarter. Two hours.
132. THEORY OF INDIVIDUAL GYMNASTICS—Spring quarter. Four hours.
133. INDIVIDUAL GYMNASTICS APPLIED—Every quarter. Two hours.
135. HISTORY AND PRINCIPLES OF PHYSICAL EDUCATION—Spring quarter. Four hours.
136. PLAYGROUND SUPERVISION—Every quarter. Two hours.
137. MATERIALS AND METHODS IN PHYSICAL EDUCATION—Fall quarter. Four hours.
223. RESEARCH IN PHYSICAL EDUCATION—Every quarter. Four hours.
224. RESEARCH IN PHYSICAL EDUCATION—Every quarter. Four hours.
225. RESEARCH IN PHYSICAL EDUCATION—Every quarter. Two hours.

## PHYSICS

103. THE PRINCIPLES OF RADIO RECEPTION—Fall quarter. Four hours.
104. THE PRINCIPLES OF RADIO TRANSMISSION—Winter quarter. Four hours.
105. HIGH FREQUENCY PHENOMENA—Fall quarter. Two hours.  
Not given in 1930-31.
107. MODERN PHYSICS—Fall quarter. Two hours.
108. METHODS OF TEACHING HIGH SCHOOL PHYSICS—Winter quarter. Four hours.  
Not given in 1930-31.
111. PHYSICS OF THE AUTOMOBILE—Spring quarter. Four hours.
114. PHYSICS OF MUSICAL INSTRUMENTS—Winter quarter. Four hours.
115. LIGHT AND COLOR—Fall quarter. Four hours.
118. PHOTOGRAPHY—Winter quarter. Four hours. Fee \$3.00.
121. DIRECT AND ALTERNATING CURRENTS—Fall quarter. Four hours.
201. PHYSICS SEMINAR—Every quarter. Two hours.

- 223. RESEARCH IN PHYSICS—Every quarter. Four hours.
- 224. RESEARCH IN PHYSICS—Every quarter. Two hours. Fee, \$3.00.
- 225. RESEARCH IN PHYSICS—Two hours. Fee, \$3.00.

## SOCIOLOGY

- 100. EARLY CIVILIZATION IN EUROPE AND AMERICA—Spring quarter. Four hours.
- 105. GENERAL SOCIOLOGY—Every quarter. Four hours.
- 110. PROBLEMS OF TEACHING SOCIOLOGY—Spring quarter. Four hours.
- 115. COMPARATIVE RELIGION—Winter quarter. Four hours.
- 120. SOCIAL MEASUREMENTS, STATISTICS, AND SURVEYS—Four hours.  
Not offered in 1930-31.
- 125. SOCIAL PROBLEMS—Fall and spring quarters. Four hours.
- 130. THE SOCIOLOGICAL ASPECTS OF PATRIOTISM, PEACE, AND WAR—Summer quarter. Four hours.
- 135. RACES, RACE CONTACT, AND RACE PROBLEMS—Fall, spring, and summer quarters. Four hours.
- 140. SOCIAL PSYCHOLOGY—Fall and spring quarters. Four hours.
- 145. THE HISTORY OF SOCIAL THEORY—Winter quarter. Four hours.
- 150. THE SOCIAL THEORY OF EDUCATION—Winter and summer quarters. Four hours.
- 200. SEMINAR—When requested by six or more students. Four hours.
- 205. ADVANCED SOCIOLOGICAL THEORY—Winter and summer quarters. Four hours.
- 223. RESEARCH IN SOCIOLOGY—Every quarter. Four hours.
- 224. RESEARCH IN SOCIOLOGY—Every quarter. Four hours.
- 225. RESEARCH IN SOCIOLOGY—Every quarter. Two hours.

GRADUATE STUDENTS ENROLLED IN COLORADO STATE TEACHERS COLLEGE  
FOR THE FOUR QUARTERS OF 1928-29 WHO WERE WORKING  
ON THEIR MASTER'S RESEARCH STUDY

NAME AND HOME OR TEACHING ADDRESS	MAJOR DEPARTMENT	TITLE OF RESEARCH STUDY
ADOLPH, JACOB Greeley, Colorado	Industrial Arts	A Study of the Types of Industrial Work for Boys in the Junior High Schools of Arizona and Its Relation to Industry
ALBRECHT, CHRISTINE M. Weldona, Colorado	History	A History of the Development of Irrigation in Morgan County
ALLISON, FLORA A. Sterling, Colorado	Education	Relationship of Pupil Achievement to Teacher Qualifications in Two Types of Rural Schools in Logan County, Colo.
ANDERSON, MRS. FRANCES R. R. No. 6, Box 214 Greeley, Colorado	Education	English Errors in Spontaneous Letters of Sixth Grade Pupils
ANDREWS, KATE CLARK 850 E. Craig Place San Antonio, Texas	Home Economics	Is Green Japanese Tea a Source of Vitamin C?
ANTONIO, SYLVESTRE M. Santa Maria, Ilocos Sur, Philippine Is.	Education	Hypotheses in the Administration and Supervision of Teacher-Training Schools and Their Application in the Philippine Islands
ARMENTROUT, P. C. Erie, Colorado	English	High School Journalism as an Aid in Teaching English Composition
BAGBY, MRS. ALMA Walden, Colorado	Commercial Education	An Analysis of Transcription Errors in Shorthand for the Diagnosis of Difficulties
BALL, JULIA MOORE 442 Barrett Place, San Antonio, Texas	Education	Tolerance and Openmindedness as Character Studies
BARBEE, WILLIAM T. Weslaco, Texas	Education	Relation between Training Received and Subjects Taught of Colorado State Teachers College Graduates
BARNES, CARL B. Bowling Green, Ky.	Industrial Arts	The Logical Organization of Mechanical Drawing Content in High School Courses
BARTLEY, DAISY Supervisor, Council Bluffs and Omaha	Educational Psychology	A Test in Government and Civics for Use in Teachers' Colleges
BASHAW, STANLEY J. Ovid, Colorado	Education	Problems of the Small High School
BASHOR, ESTA M. Greeley, Colorado	History	Relative Value of Various Methods of Presentation of Junior High School History Measured in Terms of Retention
BERG, MATILDA 405 W. 12th Street Pueblo, Colorado	Commercial Education	An Analysis and Comparison of Texts in Business Arithmetic
BERNARD, TED B. 707 S. Walnut Sherman, Texas	Education	Reactions of High School Students and Teachers Toward the Curricula in Texas High Schools
BLAKELEY, MRS. ELSIE J. Norman, Oklahoma	Education	A study of the Camp Fire Girls Organization

NAME AND HOME OR TEACHING ADDRESS	MAJOR DEPARTMENT	TITLE OF RESEARCH STUDY
BLUE, HAROLD GRANVILLE University of Chicago	Education	A Study of Electives Embodied in the Training of Two-Year and Four-Year Graduates of Colorado State Teachers College
BOATMAN, MYRTLE O. Spickard, Missouri	Commercial Educational	Specialized Fields in Salesmanship and Content Material Appropriate for the Secondary Schools of Colorado
BONSEY, W. EDWIN Lorain, Ohio	Education	The Development of a Scientific Habit of Mind in the Layman
BOONE, EILEEN Kirk, Colorado	Home Economics	The Place Home Economics Takes in the Preparation of Teachers of Pre-School Education in Teacher-Training Institutions
BOYCE, MRS. MABEL D. 2805 E. 16th Ave. Denver, Colorado	Educational Psychology	The Social Program of 500 Families of Colorado Children
BRANNAMAN, RAY H. Gilcrest, Colorado	Education	Factors in Teacherages Influencing Rural Education
BRICKEL, B. STELLA Denver, Colorado	Education	An Investigation of School Theme Vocabularies in the Fourth Grades of the Denver Public Schools
BROOKSHIER, RUTH L. 212 Elati, Denver, Colorado	Education	A Study of the Extent, Amount and Character of the Reading of Young People and Adults
BROWN, FRANK Chadron, Nebraska	Mathematics	The Prognosis of Ability in Teachers College Mathematics on the Basis of English, Intelligence, and General Achievement
BRYAN, F. K. K.S.T.C. Pittsburg, Kansas	Industrial Arts	Trade and Industrial Education in Colorado
BUSTER, N. E. Fort Worth, Texas	Education	Practices in the Junior High Schools
CALDWELL, J. C. Gill, Colorado	Education	A Comparative Study of the Practices of Teaching Thrift in the Junior and Senior High School
CARSON, W. H. Ogbomoso, Nigeria, South Africa	Education	The Principal Difficulties in Teaching English to the Nigerian West African Native
CHRISTIAN, CHARLOTTE R. 2811 Gaylord St., Denver, Colorado	Education	A Study of Certain Types of Errors Found in Spontaneous Letters of Fifth and Sixth Grade Children
CLOYD, VELMA East Tennessee State Teachers College, Johnson City, Tennessee	Mathematics	A Quantitative and Qualitative Analysis of Ninth Grade Algebra Tests
COCHRAN, JOHN I. Merino, Colorado	Education	Educational Leadership in Community Activities
COLBURN, ELIZABETH 3144 10th Ave. So., Minneapolis, Minn.	Geography	The Geography of Fort Dodge, Iowa, and Vicinity
COLEMAN, SARA Tulsa, Oklahoma	History and Political Science	The Relation of Personal Qualities to the Successful Teaching of Social Science
COLVIN, AMBROSE O. Greeley, Colorado	Sociology	Commercial Education in the Secondary Schools of Colorado

NAME AND HOME OR TEACHING ADDRESS	MAJOR DEPARTMENT	TITLE OF RESEARCH STUDY
CONDIT, PHILIP M. 1608 No. Cincinnati Tulsa, Oklahoma	Educational Psychology	An Entrance and Classification Examination in World History for Teachers Colleges
COOMBS, P. H. Hecla, South Dakota	Education	Prediction of Teaching Success
COOPER, LOIS E. Mancos, Colorado	English	A Study of the Letter Writing of Junior High School Pupils
COX, MARIAN A. (Mrs. HOWARD MCKINLEY) Washington, D. C.	Education	The Vocabulary of Third Grade Children's Letters
DAY, FRANK S. Flagler, Colorado	Education	An Analysis of the Duties and Difficulties of Superintendents of Small Town High Schools in Colorado
DENNEY, EARL C. Tulsa, Oklahoma	Educational Psychology	An Entrance and Classification Examination in Physics and Chemistry for Teachers Colleges
DICKERSON, ELEANOR SIMMONS Greeley, Colorado	History and Political Science	What is Known about the Teaching of History in Grades One to Six
DICKSON, W. WALLACE R.R. No. 1, Box 94 Amarillo, Texas	Education	Status of Elementary School Principals of Texas
DIDDEL, NORMA L. 852 Cook St., Denver, Colorado	Art	Results of Teaching Design by Formal and by Free Methods
DITMARS, MARY Elizabeth, Colorado	History and Political Science	A History of Douglas County, Colorado
DOBSON, W. B. Fort Worth, Texas	Education	A Study of Time Allotments in the Elementary School Subjects
DOTSON, EDNA Arizona State Teachers College Flagstaff, Arizona	Commercial Education	The Status of Shorthand in Teacher-Training Institutions
DOTSON, RUTH Flagstaff, Arizona	Educational Psychology	Tests Versus Practice as a Teaching Device
DOUBENMIER, J. S. Greeley, Colorado	History and Political Science	A History of the Teaching of Physical Education and Athletics in the United States of America
DURLINGER, GLENN W. Sterling, Colorado	Physics	What Material from the Realm of Modern Physics Should be Taught in the High School Physics Course
EMANUEL, MARY A. Douglas, Arizona	English and Literature	The Standards of Usage in Punctuation and Spelling
ESSERT, PAUL L. Sterling, Colorado	Education	Analysis of the Specific Situations Involved in the Teaching of Obedience
FLAGLER, MORNA E. Pueblo, Colorado	Education	Discipline Children in Special Rooms in the Elementary School
FOSTER, C. A. Snyder, Colorado	Chemistry	High School Chemistry Examinations
FOSTER, H. L. 212 N. 3rd Street Longview, Texas	Education	A Comparison of the Educational Abilities and Achievements of the White and Colored Pupils in the Longview City Schools

NAME AND HOME OR TEACHING ADDRESS	MAJOR DEPARTMENT	TITLE OF RESEARCH STUDY
FRUTCHEY, FRED P. 147 N. 11th, Allentown, Pennsylvania	Education	Some Factors in Determining High School Success
GAIL, W. A. 3449 Monroe, Denver, Colorado	Education	Problems of Labor and Industry
GANT, N. A. Ft. Worth, Texas	History and Political Science	Texas on the Eve of the Compromise of 1850
GARRISON, LLOYD A. Ault, Colorado	Education	A Study of the Aims, Activities, and Organization of the Home Room in Selected Secondary Schools
GIESING, MRS. EDNA 2725 W. Kiowa St., Colorado Springs, Colo.	Mathematics	The Influence of the Initial-Error Theory on Education
GILLIS, MAY E. 1420 Logan St., Denver, Colorado	History and Political Science	A History of the Civic Center of Denver
GISH, LEE NASH Little River, Kansas	Education	A Further Analysis of the Duties and Difficulties of Citizenship
GOOD, LEONARD F. Chappell, Nebraska	Education	Administration of the Finances of Extra-Curricular Activities
GREENAMYRE, KATHERINE LaJunta, Colorado	English and Literature	Minimum Essentials in Written English for Secondary Schools
GROVE, CHARLOTTE 1716 Belmont Fort Worth, Texas	Education	A Comparison of the Number of Facts Learned by Children from Factual Material and from Story-Factual Material
HAMILTON, DWIGHT R.R. No. 1 Johnstown, Colorado	Education	An Experiment to Determine the Relative Efficiency of Teaching Spelling in the Sixth Grade by the Horn-Ashbaugh Method and an Individual Technique
HARBALL, MRS. HELEN R.R. No. 5 La Junta, Colorado	Home Economics	The Preparation of Teachers of Adult Education for Homemakers
HARDY, RUTH Texarkana, Texas	History and Political Science	A Proposed Manual for High School History Teachers in the State of Oklahoma
HARGROVE, WILLIAM HENRY Greeley, Colorado	Education	The Status of Extra-Mural Student Teaching in State Teachers Colleges and Normal Schools in the United States
HARMER, MRS. BLANCHE 1925 Tenth Ave., Greeley, Colorado	Geography	Geographic Relationship of the Products of Greeley and Vicinity
HARMER, RALPH L. 1925 Tenth Ave., Greeley, Colorado	Education	An Analysis of the Present Status of Band Work in Those Schools that have Placed in National and State Contests
HARRISON, POLLY 2001 Washington Ave., Ft. Worth, Texas	Art	An Analysis of Art Literature to Determine the High School Art Curriculum
HAWKINS, EDWIN CURTIS Antonito, Colorado	Education	The Situations of Good Sportsmanship
HEILIG, IRMA R. San Antonio, Texas	Education	The Persistence of Initial Errors in Spelling

NAME AND HOME OR TEACHING ADDRESS	MAJOR DEPARTMENT	TITLE OF RESEARCH STUDY
HIGHBERGER, HARRIET Pueblo, Colorado	Education	A Comparison of Mental Abilities of Children of Foreign Born Parentage
HILEMAN, MARY L. Peru, Nebraska	Geography	The Bean Industry of Weld County
HINTON, JESSE MERCER 5329 Collinwood Ft. Worth, Texas	Education	A Study of Some Factors Relating to Achievement in High School Industrial Arts
HODGE, MAY MOTT Barry, Texas	History and Political Science	The Relation of Methods of Presentation to Retention of Facts in Teaching History on the High School Level
HORNER, CHESTER W. Colorado Springs, Colorado	Commercial Education	The Objectives of a Course in Advertising on the High School Level as Based on a Study of Colorado Springs, Colorado
HOUSE, HAZELLE L. Pasadena, Calif.	Sociology	The Americanization of the Japanese
HUDSON, EVA M. Tempe, Arizona	Education	A Study of the Voluntary Reading of Children in the Intermediate Grades, Junior High School, and Senior High School
HUNTER, EULA F. 1324 E. Morphy St., Ft. Worth, Texas	Education	The Teacher's Extra Curricular Load
HURD, PAUL D. Greeley, Colorado	Biology	A Study of the Ability of Children to Learn to Think Scientifically from Science Instruction
HUTCHERSON, IRENE Elida, New Mexico	Education	The Vocabulary of Third Grade Children's School Themes
JAMES, MINNIE B. Maryville, Missouri	English and Literature	The Educational Theories of H. G. Wells Compared with Those of Modern Practices
JOHNSON, IRVING W. Park City, Montana	Sociology	The Social Significance of the Extra Curricular Magazine Reading of High School Pupils
JOHNSTON, CHARLES T. Pueblo, Colorado	Education	A Study of the Boy Scout Organization
KANE, CLAUDE A. LaJunta, Colorado	Education	The Need of a State School Architect for the State of Colorado
KAUFMANN, MYRTLE L. 416 E. 27th St., Cheyenne, Wyoming	History and Political Science	A Survey of the History Teaching Situation in the Public Elementary Schools of Spokane, Washington, in 1927-1928
KEETH, A. M. Morley, Colorado	Education	Routine Duties in Classroom Management
KEEVER, J. C. Greeley, Colorado	Education	State Aid, and the Evils of the Present Plan of State Aid in Colorado
KESSLER, LEOLA E. Haxtun, Colorado	Home Economics	A Standard Practice House Kitchen for Teacher Training in Efficient Home-making
LANE, JESSIE I. Lewiston, Montana	Education	A Study of the Language of Pre-School Children
LAWRENCE, HAROLD S. 2540 Main St., Canon City, Colorado	Mathematics	The Re-Organization of Senior High School Mathematics



NAME AND HOME OR TEACHING ADDRESS	MAJOR DEPARTMENT	TITLE OF RESEARCH STUDY
LIEBERMAN, MYER H. White Plains, New York City	Sociology	An Entrance and Classification Examination in Sociology and Economics for Teachers Colleges
MACKEY, DONALD Raton, New Mexico	Education	Report of a Survey of the Raton Public Schools
MCCAIN, L. P. Spearfish, South Dakota	Education	The Professional Preparation of Teachers of Grade Geography
MCCAULEY, G. KENT Las Animas, Colorado	Education	Spelling Errors
MCCLARY, HELEN M. Berwind, Colorado	Home Economics	Rayon, a Flower of the Sciences
MCCLURE, RUTH Oregon State Normal School, Monmouth, Oregon	Education	An Analysis of the Vocabulary of Fourth, Fifth, and Sixth Grade Children's Letters
MCCONE, PERCY V. Wood, South Dakota	Sociology	A Study of the Factors Contributing to the Delinquency of Certain Classes of Juvenile Delinquents
MCCULLOUGH, ADAH Calhan, Colorado	English and Literature	A Comparative Study of the Value of Supplementary Reading Courses, in Secondary Schools, as Prescribed by the Representative States of California, Wisconsin, North Carolina, Illinois, New York, Massachusetts, and Missouri
MCGREW, HELEN G. Greeley, Colorado	English and Literature	Effect of Compulsory Outside Reading in High Schools Upon Students' Voluntary Reading
McMILLIN, LESTER B. 231 E. Georgia, Gunnison, Colorado	Education	The General Qualities or Traits Necessary for Occupational or Vocational Success in the Life of a Good Citizen
MAHAN, HARRIET S. 1214 18th St., Greeley, Colorado	Educational Psychology	The Validity and Reliability of Four Teaching Aptitude Tests
MICHAEL, M. BELLE Route A, Calhan, Colorado	Education	A Study in Reading Vocabulary
MILLER, ERLE W. 612 19th St., Greeley, Colorado	Education	Minimum Enrollment of High Schools in Colorado on the Basis of Financial and Educational Efficiency
MILLEY, HARRIET M. Windsor, Colorado	Commercial Education	Content of a Course in Business English for Secondary Schools
MOHR, E. E. Greeley, Colorado	Education	Organization of Reading Materials in Music for High Schools
MOORE, RUTH E. 1224 E. Randolph, Enid, Oklahoma	Mathematics	An Experiment in Two Methods of Teaching Geometry
MOORE, T. E. 216 E. 35th St., Kansas City, Missouri	Education	The Relation Between High School Attendance and Free Tuition in Colorado
MORELAND, JERRE FLOYD Milliken, Colorado	Education	A Study of Some Educational Inequalities in Weld County
NICHOLSON, PAUL H. Frederick, Colorado	Education	Financial Accounting Systems in Public Schools

NAME AND HOME OR TEACHING ADDRESS	MAJOR DEPARTMENT	TITLE OF RESEARCH STUDY
NOWLIN, E. W. Webster Groves, Missouri	Education	The Vocabulary of Sixth Grade Children's School Themes
OGLE, J. MAX Galeton, Colorado	Education	The Saturday Evening Post as a Source of Social Science Concepts
PARIS, LILLIAN HOSFORD Lake Arthur, New Mexico	Education	A Study of Achievement of Junior High School Boys to Discover a Reason for Dropping out of School in the Upper Grades
PAYE, PAUL 1020 P Street Wilmington, California	Sociology	The Religious Beliefs of College Students
PECK, HOMER N. Denver, Colorado	Education	The Relationship Between the Participation in Extra Curricular Activities in High School and Success in Adult Life
PITTMAN, BERTHA Tandy School, Ft. Worth, Texas	Education	An Analysis of Topics for Elementary School Children's Theme Subjects Through Investigation of Their Spontaneous Correspondence
PRATT, HARRY D. Ault, Colorado	Education	An Investigation of the School Writing Vocabulary of Fifth Grade Pupils
PRUEHS, CLARA M. Webster Groves, Missouri	Commercial Education	A Study to Determine What the Course in Commercial Arithmetic in Secondary Schools Should Include
PURDY, LUCY LaJunta, Colorado	Commercial Education	Results of Annual Commercial Contests Compared with the Training of Commercial Teachers Participating
RAMSEY, CARRIE B. Eads, Colorado	Mathematics	Diagnostic Tests in the Teaching of Plane Geometry
RATLIFF, LAVADA Seymour, Texas	Educational Psychology	A High School Mathematics Examination for Use in Teachers Colleges
REEVES, LUELLE SALE Box 518, Canyon, Texas	Education	The Activities of Extension Departments in State Teachers Colleges
REID, BENETA Dearborn, Missouri	Home Economics	The Present Status of the Organization for Teaching Home Economics Courses in Secondary Schools
REINI, GERTRUDE H. Parshall, Colorado	History and Political Science	History of the National Forest in Colorado
REYNARD, MARY L. Ft. Morgan, Colorado	History and Political Science	Social and Economic Conditions as Revealed by the New York Colonial Documents
RIDDLE, C. C. Pueblo, Colorado	Education	The Vocabulary of Fifth Grade Children's Letters
ROADARMER, HELEN Chadron, Nebraska	English and Literature	A Study of the Need of Prospective Teachers of Junior High School English for Training in Modern Literature
ROBERTS, ELMER C. Nampa, Idaho	Commercial Education	The Status of Typewriting in Teacher-Training Institutions
ROBINSON, CLARK S. Owensboro, Kentucky	Education	A Curriculum Study in Government
ROBINSON, R. T. San Antonio, Texas	Education	Inarticulation or Lack of Continuity of Subject Matter and Teaching Methods of Junior-Senior High Schools of San Antonio, Texas

NAME AND HOME OR TEACHING ADDRESS	MAJOR DEPARTMENT	TITLE OF RESEARCH STUDY
ROSE, LOIS L. Englewood, Colorado	English and Literature	The Cultural Background Needed for the Teaching of Literature in the Senior High School
ROUSE, LAURANCE T. Bisbee, Arizona	Education	An Analysis of the Difficulty of Concepts in Elementary Science Textbooks
RUSSELL, J. C. Dewar, Oklahoma	History and Political Science	To Write an Account which will Portray Accurately the Reputation of the Plains Indians among Those who Were in a Position to Know Them Best
RUSSELL, MRS. J. C. Dewar, Oklahoma	Home Economics	A Short Unit in a High School Course in Clothing Justified by the Consumers' Increasing Demand for Fur
SAATHOFF, W. H. Brookings, South Dakota	Commercial Education	The Problem of Developing Direct Application of Business Subjects in School Work
SCHAEFER, MILDRED Ft. Morgan, Colorado	Education	The Professional Preparation of Teachers of Elementary School Music
SCHILLINGER, ESTHER K. 538 W. Glen Oaks, Burbank, California	Sociology	Social Contacts of the Immigrant Mexicans of Weld County
SHANE, JESSIE 111 Sandoval, San Antonio, Texas	Education	An Analysis of the Problems Discussed, Names and Events Mentioned, and Allusions Made in Magazine Articles that have been Selected on the Basis of Their Lasting Interest
SHAVER, MRS. MOREY Maysville, Missouri	Education	The Personal and Environmental Factors of Mortality in the Small High School
SHOEMAKER, LOTTIE Lusk, Wyoming	History and Political Science	History Objectives for the Intermediate Grades
SHREVES, MRS. ANNE E. Berthoud, Colorado	Education	Poetic Values and Children's Choices in Poetry
SIMMONS, JESSIE J. 813 Wabash, Carthage, Illinois	English and Literature	A Practical Course in Business and Vocational English for the Carthage, Illinois, High School
SIMPSON, MARY IONE Ellensburg, Washington	Education	The Vocabulary of Children's Letters
SKINNER, BLANCHE La Grange, Missouri	Education	A Comparison of the Character Traits Shown in History Textbook Biographies with the Traits of Good Citizenship
SKIPPING, WILLIAM R. 119 McCullough, San Benito, Texas	Education	A Study of the Inequalities of Educational Opportunity in Cameron County, Texas
SMITH, PEARL GAULT Kimball, Nebraska	History and Political Science	An Investigation of the Effect of Retesting on the Learning Process in the Field of Social Science
SONGER, MYRTLE Chadron, Nebraska	Education	Some Problems of Health Supervision of Schools with Special Reference to the Rural Schools of Jefferson County, Colorado
SPARKS, HELEN Raton, New Mexico	Education	Grade Placement of Children's Reading Materials
STEPHENS, ELEANOR 1507 15th Ave., Greeley, Colorado	English and Literature	The Social Background for the Study of English Literature

NAME AND HOME OR TEACHING ADDRESS	MAJOR DEPARTMENT	TITLE OF RESEARCH STUDY
STEPHENS, REID Oak Park, Illinois	History and Political Science	Trade of the South Colonies With the West Indies, 1606-1783
SULLIVAN, SISTER SCHOLASTICA 622 West Sixth, Denver, Colorado	English and Literature	Historical Background Conducive to the Enrichment of American Literature in Senior High School
TALBOT, DEVERYLE K. (MRS. CURTIS RILEY) 1044 Acoma, Apt. No. 106, Denver, Colorado	Sociology	Contributions of American Sociologists to the Theory and Practice of Education
TAYLOR, RACHEL 412 13th Ave., Greeley, Colorado	Mathematics	The Reality of Ninth Grade Algebra Problems
TAYLOR, SHIRLEY R. West High School, Denver, Colorado	Chemistry	A Survey of the Visual Aids Used in Teaching High School Chemistry
TERRELL, C. W. 1006 E. Wilamette, Colorado Springs, Colo.	Education	Economics Used by Frontier Thinkers Concerning Contemporary Life as a Basis for Junior High School Curriculum
THOMPSON, CLARA REBECCA 801 N. Caddo, Weatherford, Oklahoma	Education	The Relative Value of Factual Material as such and the Value of Factual Ma- terial Told in Story Form in Its Effect Upon Permanency and Extent of Learn- ing, Under the Conditions of Student Teaching
THOMPSON, EDWARD MERLE Rock Springs, Wyoming	Education	Educational Inequalities in the Distribu- tion of Federal and State School Aid in Wyoming
THOMPSON, HARRY G. Bisbee, Arizona	Education	State and National Standards for the Certification of Industrial Arts Teachers
TOLIN, CHARLES MELVIN 1303 N. Wahsatch, Colorado Springs, Colo.	Education	What a Layman Needs to Know About Life Insurance
TOZER, GEORGE EDWARD Windsor, Colorado	Education	A Statistical Prediction of High School Success for Purposes of Educational Guidance
UDICK, BERNICE School of the Sacred Heart, Clifton, Cincinnati, Ohio	Romance Languages	Gabriela Mistral: A Study of One of the Great Women of Today
WATT, RUSSELL E. 1901 Vilas Ave., Madison, Wisconsin	Sociology	The Significance of Sociology for Moral Education
WALKER, LILLIAN O. Denton, Texas	English and Literature	Mechanical Errors Made in English Composition by College Freshmen
WALKER, MYRTH OWSTON Norwood, Colorado	English and Literature	The Educational Implications of the Poetry of William Wordsworth
WALKER, T. WENDELL Norwood, Colorado	History and Political Science	The Epic of the Dry Lands
WALSH, JOHN E. 507 Sixth Ave., Nampa, Idaho	Education	A Tentative List of Objectives for the Teaching of Social Science in the Senior High School

NAME AND HOME OR TEACHING ADDRESS	MAJOR DEPARTMENT	TITLE OF RESEARCH STUDY
WALSH, S. S. Caldwell, Idaho	History and Political Science	The Relation of Methods of Presentation to the Retention of Facts in History in Grades Four to Nine
WATSON, ALBERT M. R.R. No. 2, Burlington, Colorado	Education	Activities of Junior and Senior High School Pupils Outside of the School
WELLS, CLAUDE L. Atwood, Colorado	Education	A Study of Student Elimination from Colorado State Teachers College
WILSON, ALBERT V. Paonia, Colorado	Education	Newspaper Publicity in the Schools of Colorado
WOOD, HOWARD W. Florence, Alabama	Chemistry	The Status of Laboratory Work in the High Schools of the United States
WRIGHT, CHATT G. Fleming, Colorado	Education	An Analysis of Honesty as a Funda- mental Human Trait
WYATT, OSCAR D. 3311 Avenue L Ft. Worth, Texas	Education	An Analysis of Leisure Time Activities of Adults in Fort Worth, Texas
YOUNG, DELLA R. Mont. State College, Bozeman, Montana	Commercial Education	A Survey of Commercial Education in Secondary Schools of Montana
ZIEGLER, T. F. Scottsbluff, Nebraska	Education	Study of the Correlation Between the Content of High School Physics Courses in Electricity and the Actual Knowledge needed by High School Graduates













COLORADO STATE TEACHERS COLLEGE



Miss Ruth Judy



Mr. A. M. Hinds

# Commercial Education

SUMMER SCHOOL  
1930

GREELEY, COLORADO

# Offerings in the Department of Commercial Education for the Summer, 1930



In preparing the program of courses to be offered in the Summer Quarter, the Commercial Education Department has in addition to its regular curriculum placed extraordinary emphasis on handwriting because of a widespread interest and demand on the part of teachers of penmanship. As a part of this plan, the department has engaged the services of two outstanding teachers of penmanship, namely:

MR. A. M. HINDS—Supervisor of Penmanship in the Louisville (Kentucky) Public Schools.

Mr. Hinds was for a time associated with Dr. Frank N. Freeman in conducting summer school courses in the Freeman correlated handwriting methods. For a number of years he was with the Cass Technical High School in Detroit.

MISS RUTH JUDY—Representative of the A. M. Palmer Company.

Miss Judy is the traveling representative of the Palmer Company, and a demonstrator of the Palmer method of handwriting. She conducted special classes during the summer school at Colorado State Teachers College last year, and made such an impression that she was urged to return.

## I. SPECIAL METHODS COURSES

The department will offer an unusual number of special methods courses during the coming summer quarter. These courses emphasize methods and material and are not content courses. The following separate and distinct courses will be offered, each of which will run for a period of five weeks:

- Methods of Teaching Shorthand, 2 hours credit.
- Handwriting Methods (Palmer), 1 hour credit.
- Handwriting Methods (Freeman Correlated), 1 hour credit.
- Material and Methods for Teaching Junior Business Training, 2 hours credit.
- Material and Methods for Teaching Filing, 2 hours credit.
- Methods of Teaching Bookkeeping, 2 hours credit.

## II. SHORT COURSES

A special effort has been made to accommodate the program to the student who can attend summer school for only five weeks during the year. The courses are so arranged that it is possible for the student to plan a program for either the first five weeks of the summer quarter, or for the last five weeks if he prefers to attend for the second half only.

The following courses are offered for the first half only:

Methods of Teaching Shorthand  
Handwriting Methods (Freeman Correlated)  
Typewriting III  
Investments  
Commercial Education in Secondary Schools  
Business Mathematics  
Methods of Teaching Filing

The following courses are offered for the second half only:

Handwriting Methods (Palmer)  
Material and Methods for Teaching Junior Business Training  
Business Administration  
Methods of Teaching Bookkeeping

The following courses are offered for the first half or for the full quarter:

Typewriting I  
Secretarial Science  
Shorthand I  
Commercial Law I  
Accounting I

The following courses are offered for the full quarter only:

Accounting II  
Theses in Commercial Education  
Shorthand II

## III. THE FACULTY

All of the regular members of the faculty of the department will conduct classes during the summer school and two specialists in commercial education will be added to the regular staff. Mr. A. M. Hinds, supervisor of penmanship in the public schools of Louisville, Ky., and Miss Judy of the A. N. Palmer Co. of Chicago, will both be included in the summer faculty.

**FIRST HALF BEGINS JUNE 14, ENDS JULY 19**  
**SECOND HALF BEGINS JULY 21, ENDS AUGUST 23**

For Year Book of the College or detailed information concerning the work offered in any of the departments, write to the President, George Willard Frasier, Greeley, Colorado.



COLORADO STATE TEACHERS COLLEGE



COURSES AND SPECIAL FEATURES

IN

*Elementary Education*



SUMMER SCHOOL

~ 1930 ~

GREELEY, COLORADO

**T**HE EDUCATION DEPARTMENT has made special preparations for the Elementary School Teacher desirous of advancing professionally by attending the 1930 summer school at Greeley. The work of the department has been so arranged and divided as to emphasize the courses for those engaged in elementary education.

In addition to the regular faculty of the department several specialists in their particular fields have been brought in to conduct courses, including among others, R. L. Hunt; Superintendent of Schools, Madison, South Dakota; R. D. McClintock, Superintendent of Schools, Julesburg, Colorado; J. H. Risley, Superintendent of Schools, Pueblo, Colorado; I. E. Stutsman, Superintendent of Schools, Greeley, Colorado; Dr. George S. Counts, International Institute, Teachers College, Columbia University; Dr. Elwood P. Cubberley, Dean, School of Education, Leland Stanford, Jr., University; Dr. Jesse H. Newlon, Director, Lincoln School of Teachers College, Columbia; Dr. Jesses Sears, School of Education, Leland Stanford, Jr., University; Miss Jessie Hamilton, Principal, Morey Junior High School, Denver, Colorado; Dr. Merle Prunty, Superintendent of Schools, Tulsa, Oklahoma; Dr. Raleigh Schorling, School of Education, University of Michigan, Ann Arbor, Michigan; F. A. Ogle, County Superintendent of Schools, Weld County, Greeley, Colorado; Paul Essert, Principal of the Junior High School, Sterling, Colorado; G. K. McCauley, Superintendent of Schools, Las Animas, Colorado; Mr. Earl B. Moore, Scout Executive, Weld-Morgan Counties, Colorado; Mrs. Spencer Turner, Camp Fire Guardian, Greeley, Colorado.

## THE COURSES

Courses primarily of interest to those engaged in elementary education are:

3a. LANGUAGE ARTS IN THE PRIMARY GRADES—Either half or full quarter. Two or four hours.

3b. SOCIAL ARTS IN THE PRIMARY GRADES—Either half or full quarter. Two or four hours.

3c. KINDERGARTEN-PRIMARY MATERIALS—Either half or full quarter. Two or four hours.

4a. LANGUAGE ARTS IN THE INTERMEDIATE GRADES—Either half or full quarter. Two or four hours.

10. PROBLEMS OF EDUCATION—Full quarter. Four hours.

Prerequisites, Ed. 1 and Sophomore standing.

100g. UNIT COURSES IN MAJOR CLASSES OF KNOWLEDGE—Each course for two weeks. Each carries one hour's credit. Any one or more may be taken.

The following units will be given: Unit 1—Recreational Education, June 16-26; Unit 2—Economic-Industrial Education, June 30 to July 10; Unit 3—Home and Family Education, July 30 to August 10; Unit 4—Citizenship Education, August 14 to 24.

100j. UNIT COURSE IN INTERNATIONAL EDUCATION, June 16-26. One hour's credit.

100k. UNIT COURSES IN GUIDANCE—Each course for two weeks. Each carries one hour's credit. The following units will be given this summer: Unit 1—Problems of Personality Adjustment, June 16-26; Unit 2—Counselling Methods



and Techniques, June 30 to July 10; Unit 3—Guidance Problems in the Junior High School, August 4-14.

100L. UNIT COURSE IN EDUCATIONAL VALUES, June 15-26—One hour's credit.

107. METHODS OF IMPROVING READING AND STUDY HABITS OF ELEMENTARY SCHOOL CHILDREN—Either half or full quarter. Two or four hours.

108. EDUCATIONAL SUPERVISION—Either half or full quarter. Two or four hours.

First half—SUPERVISION OF SKILL SUBJECTS; Second half—SUPERVISION OF CONTENT SUBJECTS.

110. EXTRA-CURRICULAR ACTIVITIES—Either half or full quarter. Two or four hours.

110b. CITIZENSHIP EDUCATION IN THE GRADES—First half quarter. Two hours.

111. PHILOSOPHY OF EDUCATION—Full quarter. Four hours. Required fourth year.

115. ORGANIZATION AND ADMINISTRATION OF THE ELEMENTARY SCHOOL—Either half or full quarter. Two or four hours.

117. PROBLEMS OF SCHOOL DISCIPLINE—Second half. Two hours.

118. PROBLEMS OF CHARACTER AND MORAL EDUCATION—Second half. Two hours.

129. CURRENT EDUCATIONAL THOUGHT, Formerly Ed. 229—Either half or full quarter. Two or four hours.

134. HISTORY OF EDUCATION IN THE UNITED STATES—Full quarter. Four hours.

150. FOUNDATIONS OF METHOD—Either half or full quarter. Two or four hours.

151. THE PRE-SCHOOL—Either half or full quarter. Two or four hours.

152. THE CHILD AND HIS SCHOOL—Second half quarter. Two hours.

192. TRAINING SCHOOL PROBLEMS IN THE PROFESSIONAL EDUCATION OF TEACHERS—Second half quarter. Two hours.

209. ADVANCED PROBLEMS OF THE CURRICULUM—Either half or full quarter. Two or four hours.

211. CONCEPTIONS OF MIND IN EDUCATIONAL THEORY—Either half or full quarter. Two or four hours.

230. HISTORY OF PHILOSOPHY—First half. Two hours.

258. PROBLEMS OF ELEMENTARY EDUCATION (Spelling, Reading, and Literature)—Either half or full quarter. Two or four hours.

259. PROBLEMS OF ELEMENTARY EDUCATION (Social Science, Problem Method, Socialized Recitation)—Either half or full quarter. Two or four hours.

260. PROBLEMS OF ELEMENTARY EDUCATION (Handwriting, Composition, Arithmetic)—Either half or full quarter. Two or four hours.

**FIRST HALF OF THE SUMMER QUARTER STARTS JUNE 15, ENDS JULY 19—SECOND HALF BEGINS JULY 21, ENDS AUGUST 23**

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COLORADO STATE TEACHERS COLLEGE



COURSES AND SPECIAL FEATURES

IN

*Secondary Education  
and Administration*

SUMMER SCHOOL

~1930~

GREELEY, COLORADO

THE EDUCATION DEPARTMENT has made special preparations for the administrator, the supervisor, and the secondary school teacher desirous of advancing professionally by attending the 1930 summer school at Greeley. The work of the department has been so arranged and divided as to emphasize the courses for those engaged in secondary education.

In addition to the regular faculty of the department several specialists in their particular fields have been brought in to conduct courses including among others: Mr. R. L. Hunt, Superintendent of Schools, Madison, South Dakota; Mr. R. D. McClintock, Superintendent of Schools, Julesburg, Colorado; Mr. J. H. Risley, Superintendent of Schools, Pueblo, Colorado; Mr. I. E. Stutsman, Superintendent of Schools, Greeley, Colorado; Dr. George S. Counts, International Institute, Teachers College, Columbia University; Dr. Elwood P. Cubberley, Dean, School of Education, Leland Stanford, Jr., University; Dr. Jesse H. Newlon, Director, Lincoln School of Teachers College, Columbia; Dr. Jesse Sears, School of Education, Leland Stanford, Jr., University; Miss Jessie Hamilton, Principal, Morey Junior High School, Denver, Colorado; Dr. Merle Prunty, Superintendent of Schools, Tulsa, Oklahoma; Dr. Raleigh Schorling, School of Education, University of Michigan, Ann Arbor, Michigan; Mr. F. A. Ogle, County Superintendent of Schools, Weld County, Greeley, Colorado; Mr. Paul Essert, Principal of the Junior High School, Sterling, Colorado; Mr. G. K. McCauley, Superintendent of Schools, Las Animas, Colorado; Mr. Earl B. Moore, Scout Executive, Weld-Morgan Counties, Colorado; Mrs. Spencer Turner, Camp Fire Guardian, Greeley, Colorado.

## THE COURSES

Courses primarily of interest to those engaged in secondary education and administration are:

15. EDUCATIONAL GUIDANCE—First half quarter. Two hours.

100g. UNIT COURSES IN MAJOR CLASSES OF KNOWLEDGE—Each course for two weeks. Each carries one hour's credit. Any one or more may be taken.

The following units will be given: Unit 1—Recreational Education, June 16-26; Unit 2—Economic-Industrial Education, June 30-July 10; Unit 3—Home and Family Education, July 30-August 10; Unit 4—Citizenship Education, August 14-24.

100j. UNIT COURSE IN INTERNATIONAL EDUCATION, June 16-26—One hour's credit.

100k. UNIT COURSES IN GUIDANCE—Each course for two weeks. Each carries one hour's credit.

The following units will be given this summer: Unit 1—Problems of Personality Adjustment, June 16-26; Unit 2—Counselling Methods and Techniques, June 30-July 10; Unit 3—Guidance Problems in the Junior High School, August 4-14.

100L. UNIT COURSE IN EDUCATIONAL VALUES, June 16-26—One hour's credit.

101. PRINCIPLES OF HIGH SCHOOL TEACHING—First half quarter. Two hours.

110. EXTRA-CURRICULAR ACTIVITIES—Either half or full quarter. Two or four hours.

110a. CITIZENSHIP EDUCATION IN THE JUNIOR HIGH SCHOOL—First half quarter. Two hours.

111. PHILOSOPHY OF EDUCATION—Full quarter. Four hours. Required fourth year.

113. ORGANIZATION AND ADMINISTRATION OF THE JUNIOR HIGH SCHOOL—Full quarter. Four hours.

(Primarily for Junior High School Majors. Senior College and graduate students take Ed. 213.)

115. ORGANIZATION AND ADMINISTRATION OF THE ELEMENTARY SCHOOL—Either half or full quarter. Two or four hours.

116. ORGANIZATION AND ADMINISTRATION OF THE SENIOR HIGH SCHOOL—Full quarter. Four hours.

117. PROBLEMS OF SCHOOL DISCIPLINE—Second half quarter. Two hours.  
This course will consider recent investigations of actual concrete situations in which discipline is involved and suggested principles for promoting good discipline in the school.

118. PROBLEMS OF CHARACTER AND MORAL EDUCATION—Second half quarter. Two hours.

This course is planned to give the teacher a practical method of attacking the problem in the classroom. Approval of the present program will be made, investigations in the field canvassed, and specific techniques discussed.

128. COUNTY ADMINISTRATION—Second half quarter. Two hours.

129. CURRENT EDUCATIONAL THOUGHT, Formerly Ed. 229—Either half or full quarter. Two or four hours.

130. VISUAL EDUCATION—First half quarter. Two hours.

134. HISTORY OF EDUCATION IN THE UNITED STATES—Full quarter. Four hours.

140. GUIDANCE PROBLEMS OF DEANS OF GIRLS—First half quarter. Two hours.

142. SCHOOL ADMINISTRATION—Either half or full quarter. Two or four hours.

143. SCHOOL ADMINISTRATION—Either half or full quarter. Two or four hours. (Replaces Ed. 112 and Ed. 120.)

144. SCHOOL PUBLICITY—First half quarter. Two hours.

145. PLATOON SCHOOL—First half quarter. Two hours.

150. FOUNDATIONS OF METHOD—Either half or full quarter. Two or four hours.

209. ADVANCED PROBLEMS OF THE CURRICULUM—Either half or full quarter. Two or four hours.

211. CONCEPTIONS OF MIND IN EDUCATIONAL THEORY—Either half or full quarter. Two or four hours.

213. PROBLEMS OF THE JUNIOR HIGH SCHOOL WITH SPECIAL REFERENCE TO THE CURRICULUM—Either half or full quarter. Two or four hours.

(Given in successive summers as Ed. 213, 214, and 215. Students may earn up to 12 hours.)

218. PROBLEMS OF SECONDARY EDUCATION—Either half or full quarter. Two or four hours.

(Given in successive summers as Ed. 242, 243, and 244. Students may earn up to 12 hours.)

230. HISTORY OF PHILOSOPHY—First half quarter. Two hours.

244. PROBLEMS IN EDUCATIONAL ADMINISTRATION—Either half or full quarter. Two or four hours.

(Given in successive summers as Ed. 242, 243, and 244. Students may earn up to twelve hours.)

258. PROBLEMS OF ELEMENTARY EDUCATION (Spelling, Reading, and Literature)—Either half or full quarter. Two or four hours.

259. PROBLEMS OF ELEMENTARY EDUCATION (Social Science, Problem Method, Socialized Recitation)—Either half or full quarter. Two or four hours.

260. PROBLEMS OF ELEMENTARY EDUCATION (Handwriting, Composition, Arithmetic)—Either half or full quarter. Two or four hours.

**FIRST HALF OF THE SUMMER QUARTER BEGINS JUNE 14, ENDS  
JULY 19—SECOND HALF BEGINS JULY 21, ENDS AUGUST 23**

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COLORADO STATE TEACHERS COLLEGE

COURSES AND SPECIAL FEATURES

*for*

*History Teachers*



The American Revolution

History of the Far East

Latin America



SUMMER SCHOOL

~1930~

GREELEY, COLORADO

# Extraordinary Offerings *for* The History Teacher



IN ADDITION to a very full and complete course of study prepared especially with the view to serving the needs of history teachers attending the Summer School, 1930, the History Department of Colorado State Teachers College offers for the first time in the summer quarter, 1930, three outstanding courses based on the latest research and study by the head of the department and two of his department faculty members.

Dr. Oliver Morton Dickerson, head of the department, has spent the past year in the Congressional Library and a number of the libraries in the historic cities of the east, gathering papers and data on the American Revolution. This material is to be used in a course to be given by Dr. Dickerson—History 208—and should prove of extreme interest.

Miss Ora B. Peake, associate professor of history, has recently returned from a year at University of Chicago and a diligent search and study of the History of the Far East, the results of which she will offer in the course designated History 221.

Dr. A. F. Zimmerman, associate professor of history and for the past year acting head of the department, will conduct a course in Latin-American History. Dr. Zimmerman is an acknowledged authority on Latin-American History. He was a resident of South America for several years and for a time was director of Santiago College, at Santiago, Chile.

Added interest to the Latin-American course will be correlated courses offered in the Geography Department by Professor George A. Barker and in the Foreign Language Department by Dr. Margaret Mulroney.

Other courses offered by the History Department in the summer quarter, 1930, are:

1. FOUNDATIONS OF AMERICAN NATIONALITY—Full Quarter. Four hours.

The early years of American history from Colonial beginnings to the Constitutional Convention comprise the scope of this course.



5. 5. EARLY MODERN EUROPE—Full Quarter. Four hours.

The history of Europe from 1500 to 1815 with special emphasis on The Reformation, the rise of nationalism, the French Revolution, and the Napoleonic Era.

10. SOCIAL AND ECONOMIC HISTORY OF THE UNITED STATES—Full Quarter. Four hours.

A survey course of American History, emphasizing the social and economic factors.

117. TEACHING OF HISTORY IN THE JUNIOR AND SENIOR HIGH SCHOOLS—Full Quarter. Four hours.

A course in methods of teaching history and civics.

203. THE REFORMATION—Full Quarter. Four hours.

The conditions in the Medieval Church, the rise of Protestantism and the Counter-Reformation are topics discussed in this course.

224. RESEARCH IN HISTORY—Full Quarter. Four hours.

225. RESEARCH IN HISTORY—Full Quarter. Two hours.

#### POLITICAL SCIENCE

2. STATE GOVERNMENT—Full Quarter. Four hours.

A thorough study of state government, discussing the recent innovations in taxation, state supervision of local government as well as the regular phase of governmental operation.

101. HISTORY OF THE FOREIGN POLICY OF THE UNITED STATES—Full Quarter. Four hours.

A thorough discussion of the main phases of the foreign policy of our government.

#### CORRELATED COURSES

Hist. 216. LATIN AMERICAN HISTORY. Full Quarter. Four Hours.

Geog. 152. PROBLEMS OF SOUTH AMERICAN GEOGRAPHY. Either half or full quarter. Two or four hours.

Spanish 150. SPANISH POETRY. Full Quarter. Two Hours.

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