

COLORADO STATE TEACHERS COLLEGE

BULLETIN



SUMMER QUARTER

June 15 -- August 26

1926

GREELEY, COLORADO

SERIES XXV

NUMBER 11

IMPORTANT ANNOUNCEMENT

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 13, 14, 15. 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 before September 1, 1923, care should be taken to determine whether an adjustment is required under regulations governing admission and credits already established on the College records. (See pages 16, 17, 18, under "Admission, Certification, and Graduation.")

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.

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.

REGISTRATION BY MAIL

Full instructions concerning registration by mail will be found on Pages 2 and 3.

EVENING LECTURES AND SPECIAL LECTURE COURSES

See the notice concerning the afternoon and evening lectures under Special Courses of Lectures, on Page 12.

COLORADO STATE TEACHERS COLLEGE

BULLETIN

Summer Quarter

1926

THE QUARTER

June 15-August 26

First Half
June 15-July 21

Second Half
July 22-August 26

Published Monthly by Colorado State Teachers College, Greeley, Colorado
Entered as second class matter at the Postoffice at Greeley, Colorado,
under the Act of August 24, 1912.

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 whole quarter. The quarterly 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.

Class cards will not be given out until the opening date of permanent registration. Whether the student registers by mail or on June 15, only the following blanks will be provided:

1. Registration Card (in duplicate).
2. Temporary Enrollment Card.

The Registration Card gives complete personal data, and must be filled out each quarter.

The Temporary Enrollment Card when completed shows your proposed schedule of classes, and the amount of your fees.

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.

When the "Application for Registration" is received in mail registration, or when the student presents himself for residence registration, detailed printed instructions will be supplied. The "Application for Registration" by mail will be received only on the dates shown on page 3. No mail registrations will be handled for the second half. Temporary residence registration will take place in the College gymnasium beginning at 7:00 A. M., June 15. Students whose registration has been approved by mail need not appear at the gymnasium on that date.

II. PERMANENT REGISTRATION.

The "Student's Daily Schedule" and "Class Cards" (permanent blanks) will not be given out until after June 15. 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 Monday, June 21, 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 21, 22, 23, 24, and 25.

III. LATE REGISTRATION.

A late registration fee of \$1.00 will be charged if temporary registration has not been completed and approved by 5:00 P. M., June 15. Transfer to the permanent blanks must be completed by 5:00 P. M., Friday, June 25, 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 three days late, the total number of hours on his program will be reduced in proportion to the time lost.

Any student absent from class on the last day of the quarter will have his quarter report for that class turned in as incomplete, unless he has a written permission from the dean 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.

APPLICATION FOR REGISTRATION BY MAIL

This application must be received at the registrar's office between May 3-7 inclusive. Material with instructions will be mailed promptly. Your completed registration must be mailed so that it will reach the registrar's office between May 17-21 inclusive. Mail registrations will not be handled under any other conditions.

Are you a graduate of a four-year high school course?.....

What school?.....Year graduated?.....

Are you 20 years of age or over?.....Age if under 20?.....

If under 20 years of age, are you properly matriculated in this college?
(See Page 17, concerning this point)

.....

Have you attended college or other higher institution of learning?.....

Name institutions, giving degrees secured, if any.....

.....

What is your present occupation?.....

Have you ever taught school?.....If so, state where and when?.....

.....

.....

It should be understood that the College may find it necessary to make some changes, either in the courses offered or in the hours scheduled, or both. Get a program change sheet when you arrive at the College.

Name
(Family name) (First name) (Middle initials)

Permanent Address

Address where mail will reach you quickest.....

Date....., 1926.

Remove this page and mail to the Registrar, Colorado State Teachers College, Greeley, Colorado. In an emergency, make a copy of this blank and do not wait for a Summer Bulletin.

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SPECIAL FACULTY AND GENERAL LECTURERS

SUMMER QUARTER, 1926

Herewith is a partial list of eminent educators and lecturers who will serve on the special faculty for the Summer Quarter, 1926. The list is complete up to the time this Bulletin went to press. There will be others added, and the entire list makes up one of the outstanding features of the Summer Quarter. It furnishes an opportunity to come into personal contact with national leaders in their separate fields.

- T. RAYMONT, Warden Goldsmiths' College, University of London. Courses in Education.
- VERNON BROWN, Psychologist; Lecturer in Education and Educational Psychology, Armstrong College, Durham University; Secretary of the Durham University Committee for Education and for the Examining Board for the Teachers' Certificate. Courses in Psychology.
- PROF. ELLEN C. OAKDEN, Member of the faculty of Goldsmiths' College, University of London. Courses in English Literature.
- DR. L. A. PECHSTEIN, Dean of the College of Education, University of Cincinnati. Courses in Educational Psychology.
- MR. J. H. HOLST, Dean of Montana State College. Courses in Educational Psychology.
- MR. B. W. PEET, Head of Department of Chemistry, Michigan State Normal College. Courses in Chemistry.
- DR. SAMUEL B. HARDING, Head of Department of History, University of Minnesota; Author, Lecturer, and Teacher in Historical subjects. Courses in History and Political Science.
- MR. HOWARD JONES, Head Coach, University of Southern California. Courses in Coaching.
- MR. JOHN C. STONE, Head of Department of Mathematics, State Normal School, Montclair, New Jersey. Special Lecturer, New York University; Author. Courses in Mathematics.
- DR. GEORGE B. STRAYER, Professor of Education and Director of the Division of Field Studies, Institute of Educational Research, Teachers College, Columbia University; Lecturer and Author. Courses in Education.
- MR. C. R. FOSTER, Assistant Superintendent of Schools, Pittsburgh, Pa. Courses in Education.
- MR. A. L. THRELKELD, Deputy Superintendent of Schools, Denver, Colorado; Specialist in Public School Curriculum Work. Courses in Education.
- DR. EDWARD S. EVENDEN, Professor of Education, Teachers College, Columbia University; Special Lecturer and Author. Courses in Education.

- COL. J. E. HUCHINGSON, Head of Department of Commercial Education, Public Accountant and expert in Efficiency Organization and Administration. Courses in Commercial Education.
- PROF. LUCIA DEMENT, Department of Fine Arts, Teachers College, Columbia University. Courses in Art.
- MR. JOHN AIKMAN, Nebraska Wesleyan University. Courses in Biology.
- PROF. OTHO HANSCOM, Intermediate Supervisor State Teachers College, Denton, Texas. Courses in Intermediate Supervision.
- DR. GEORGE E. RAIGUEL, Physician and Lecturer on History and Politics; Staff Lecturer on International Politics for the American Society for University Teaching. Lecturer.
- DR. DAVID SNEDDEN, Professor of Education, Columbia University; Author and Lecturer. Lecturer.
- MISS ALICE HANTHORN, Supervisor Cleveland Public Schools, Cleveland, Ohio. Courses in Education.
- DR. CARLETON W. WASHBURNE, Superintendent of Schools, Winnetka, Illinois; expert in the field of Individual Instruction. Courses in Education.
- PROF. ROLLO BROWN, Author and Lecturer on Literature and Philosophy. Lecturer.
- DR. EDWARD HOWARD GRIGGS, Author and Lecturer on Literature and Philosophy. Lecturer.
- DR. PAUL BLANSHARD, Special Lecturer for the League for Industrial Democracy. Lecturer.
- DR. HERBERT ADAMS GIBBONS, Historian and Political Economist; Author and Lecturer on International Relations. Lecturer.
- MR. JOHN WELLS RAYHILL, Topeka, Kansas; Lecturer on Modern Religious Thought. Lecturer.
- DR. H. C. ABBOTT, Member of the faculty of the University of South Dakota. Courses in Biology and Nature Study.
- MR. JOHN CROWE RANSOM, Professor of English, Vanderbilt University. Courses in Literature.
- MR. O. C. PRATT, Superintendent of Schools, Spokane, Washington. Courses in Education.

COLORADO STATE TEACHERS COLLEGE

SUMMER QUARTER, 1926

The purpose of Colorado State Teachers College is to train teachers for public school service. 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 grade, upper grade, 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 forty 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.

RECREATION

The week-end excursions to the Rocky Mountain National Park, conducted under the direction of the Outing Committee of Colorado State Teachers College, have become widely known. They are now a highly appreciated part of the life of the College.

The round trip from the College campus to Camp Olympus is to cost the Summer school students who go in groups of twenty or more

the sum of \$3.00. College students and faculty members can obtain board and lodging at Camp Olympus for \$2.00 per day, or fifty cents a meal and fifty cents a night. Five successive week-end trips to the camp, including ten days board and lodging, will cost \$30.00. The reduced rate for successive week-end trips makes the camp an extension of the campus and enables students interested in subjects like nature study and art to have their classes upon the campus and their field work under able instructors in Estes Park. Those expecting to avail themselves of these outings should be provided with warm clothing suitable for hiking and climbing, heavy-soled, low heeled shoes, and a raincoat.

FEEES AND EXPENSES

BOARD—Students board in private houses, and in the College cafeteria. The cafeteria was started to enable students to keep the outlay for board down to a figure of approximately cost. Last Summer the average cost of board for 600 students in the cafeteria was \$5.50 a week. It will not be higher than that this year. In private boarding houses the rate averages \$6.00 per week.

ROOMS—Private houses in the vicinity of the College provide rooms for students. With two students in a room the cost is \$10.00, \$11.00, or \$12.00 a month for each student; for one student in a room the cost is from \$12.00 to \$18.00.

DORMITORIES—The Dormitory Triangle provides accommodations for 114 women students. Each room is provided with two beds, with complete accommodations for two students. Rooms in the dormitories cost from \$25.00 to \$28.00 for the quarter. Students in the dormitories are required to furnish their own bedding and towels. The College has found it much more satisfactory for students to see the rooms before renting them. It is urged, therefore, that students come several 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 assistant to the dean of women.

Students who wish to find roommates after they arrive in Greeley should go to the dean of women's office for a list of those desiring roommates. In selecting a room first, the student runs a great risk of finding no roommate.

LIGHT HOUSEKEEPING—A limited number of rooms for light housekeeping are available at a reasonable rental. The price varies from \$16.00 to \$24.00 per month.

RESERVATIONS—Reservations will be held until noon of Registration day, June 15. If students are prevented from arriving at that time, and will notify the assistant to the dean of women by telegraph or telephone, their rooms will be reserved for them, subject to full payment of the rent. Otherwise the reservation will be canceled, the deposit forfeited, and the room assigned to another applicant. This regulation applies to dormitory and all other rooms.

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 finds it necessary to draw its financial support largely from student fees. Each student pays \$16.00 for a half quarter, or \$32.00 for the full quarter. Students not citizens of Colorado pay an additional fee of \$5.00 for the full quarter and \$2.50 for a half quarter.

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 15, and the other, July 22.

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

Students may check towels from the bookroom upon the deposit of \$1.50. Clean towels may be drawn by returning the soiled ones. When all towels are returned, fifty cents will be returned to the depositor.

APPROXIMATE EXPENSE FOR TWELVE WEEKS

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

Room	\$ 40.00
Board	70.00
College Fees	32.00
Books and Supplies.....	10.00

Total\$150.00

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. 100a—Problems in Education
3:00 to	3:50—Ed. 100b—Unit Courses in Education
4:00 to	4:50—Book Reviews
7:00 to	8:00—General Lectures in the Gymnasium Auditorium.

SPECIAL COURSES OF LECTURES

The College Assembly and Evening Lectures—For fourteen 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. The first will be devoted to the subject of problems in education, the second 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 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 education, philosophy, history and political science, literature, 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 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 Department, either the Elementary School or High School, during the Summer Quarter, are asked to correspond with the director of the Training Schools before the opening of the quarter.

NEW REQUIREMENTS IN STUDENT TEACHING

1. The required amount of student teaching for the life certificate shall be one quarter instead of two.
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 Pre-Teaching Observation (Ed. 2a) with the training teacher with whom he is to teach the following quarter.
3. The course in observation (Ed. 2a) shall consist of two regular observation hours each week and one conference hour every two weeks with the training teacher. This course shall also include assigned readings, method and content, which will supplement the observations and prepare the student for the subsequent course in student teaching. This course in observation (Ed. 2a) shall be given one hour credit.
4. Students shall be required to pass satisfactorily an achievement test and make a grade not less than "C" in Ed. 2a, as prerequisite to student teaching (Ed. 2b).
5. Students making a grade of less than "C" in student teaching (Ed. 102) or the high school (Ed. 103), shall be required to repeat the course.
6. 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).
7. A second quarter of student teaching may be elected in the junior college for the life certificate and in the senior college for the degree.
8. Additional prerequisites for student teaching in the junior college are: Ed. 1, Ed. 5, and the method courses required for the majors listed on page 69 of the Year Book, 1925-26. The prerequisites for student teaching in the senior college are Ed. 101 and at least one method and one content course in the student's major.
9. A full quarter of student teaching carries five hours of credit. This requires five hours of teaching a week and in addition one-hour group conferences are required on Tuesdays, the minimum number of which shall be those held on the first and third Tuesdays of each calendar month at four o'clock.
10. The life certificate or the A.B. degree will not be granted to any student who has not taken at least one quarter's work in the Training Schools of Colorado State Teachers College.

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 has been reorganized and put in charge of a director whose chief business is to look after securing 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. There is no charge or commission for the services of the Placement Bureau. The bureau will be open and active through the entire Summer.

GRADUATE WORK

Colorado State Teachers College offers to advanced students courses above the four-year bachelor level. The fifth year of work leads to the degree of Master of Arts and courses beyond this may be transferred to teacher training institutions granting the doctor's degree.

THE NATURE OF GRADUATE WORK

The principal aim of work beyond the bachelor level is to develop still further a professional attitude, to increase the ability to carry on investigations in the educational field independently, and to promote the spirit of research. In keeping with the function of a teachers college, graduate work is confined largely to the professional field. It represents specialization and intensive work. As soon after enrollment as possible, the graduate student shall focus attention upon some specific problem which shall serve as the center for the organization of his work, including courses to be taken and special investigations to be conducted. No graduate credit will be given for scattered and unrelated courses.

ADMISSION TO GRADUATE WORK

Persons holding the degree of 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, may be admitted as graduate students by Colorado State Teachers College upon the presentation of official credentials, including a transcript of records of undergraduate work.

The prospective student should obtain the blank "Application for Advanced Standing" and send it to the Committee on Admission and Credits for its approval before the opening of the quarter. Such blanks may be secured by addressing The Registrar, Colorado State Teachers College, Greeley, Colorado. Original credentials, including the high school record, should be submitted with the application for advanced standing.

Excess Bachelor of Arts work taken in Colorado State Teachers College may be applied toward the Master of Arts degree only when arrangement is made in advance with the Dean of the College so that he may see that the work is of graduate standard and that it is in

line with the specialization necessary for the degree of Master of Arts. Such credit will be granted only to students in their fourth year who do not need all their time for the completion of the undergraduate work.

Students must offer among their undergraduate courses or later among courses offered to meet the requirements for the master's degree at least three which acquaint them with current practices in the organization and administration of public education, and one or two courses which introduce them to the literature of educational science and to the methods of investigation in the educational field.

Before beginning the work of the fifth year, each student must arrange with the head of his major department a three quarter program of courses which must be approved by the dean of the College.

FEES FOR GRADUATE COURSES

Fees in connection with the fifth, or graduate, year of work will be the same as for undergraduate work.

THE DEGREE OF MASTER OF ARTS

1. **ADMISSION TO CANDIDACY FOR DEGREE**—Admission to graduate work does not guarantee admission to candidacy for the degree of Master of Arts. Not later than the tenth week of the first quarter's work application must be made in writing to the dean of the College. Such admission shall be determined by a committee consisting of the president of the College, the director of educational research, the head of the department in which the student is majoring, and one member of the faculty with whom the student has had work, to be chosen by the dean of the College. The following are the requirements in the case of each student: personal fitness, intelligence above average as determined by a standard test, the ability to use good English, both oral and written, the ability to do superior work in the field of specialization, and ability to do independent research. Also each student will be required to take a preliminary oral and written examination.

2. REQUIREMENTS FOR THE DEGREE

(a) **Residence**—Three quarters of work in residence are required beyond a four-year undergraduate course.

(b) **Course Credits Required**—A year's graduate work shall be interpreted as forty-eight quarter-hours. Thirty-eight hours credit will be given for graduate courses pursued and ten hours for research in education leading to the completion of the master's thesis. To this end, every graduate student shall enroll in Ed. Res. 223, Research in Education.

No graduate student may enroll for more than sixteen hours of work in any quarter. This regulation is essential to the maintenance of the standard of intensive work for the master's degree. In determining the maximum amount of work permitted, research upon the thesis must be included within the limit stated.

Before the degree of Master of Arts may be conferred, a student must have had at least sixty-four quarter-hours of undergraduate and graduate work in his major, and not less than thirty-two hours of professional work in education and related fields such as psychology, educational sociology, and educational biology. Where the candidate majors in education, sixty-four quarter hours will be required, but only work in education or educational psychology will be accepted for such undergraduate and graduate work.

(c) **Level of Work**—In order that the standard of intensive and specialized work for the master's degree may be maintained, no graduate credit will be given for courses numbered under 100 or for scat-

tered and unrelated courses. No credit will be given for any course taken by a graduate student in which students with less than senior college status (96 quarter-hours credit) are registered.

Sixteen hours credit toward the degree of Master of Arts shall be the maximum amount allowed to be earned in a regular school year (three quarters) by any person employed on full time, except upon the recommendation of the Dean of the College.

All work for the degree of Master of Arts shall be done with distinction. Work barely passed (mark of "D" under the present grading system) shall not be considered creditable for an advanced degree in the College, and the average should be distinctly above "C."

(d) The Thesis—Research culminating in the writing of a thesis upon some vital problem in the field of education shall be an integral part of the work for the degree of Master of Arts.

In order that progress in the research problem which the candidate has undertaken may be continuous and systematic throughout the graduate year, he shall register for Ed. Res. 223, Research in Education, each quarter of his graduate work. A Thesis Committee of three will be appointed for each student. This committee will consist of the head of the department in which the student is majoring, the director of educational research, and one other faculty member chosen by these two. In the first quarter, the candidate must submit to his Thesis Committee for approval the topic and detailed agendum of procedure and technic for his investigation. Not later than the fourth week of the third quarter of work, the candidate must submit to his committee evidence that the research upon his thesis has been completed.

At least four weeks before the date upon which the degree is to be conferred, three copies of the thesis must be sent to the thesis committee for final judgment, and at least three weeks before the date upon which the degree is to be conferred, the completed thesis in final form must be approved by his committee and by the dean of the College; and two copies must be filed in the dean's office.

The thesis is to conform to definite standards. It must be type-written 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)

ADMISSION, CERTIFICATION, AND GRADUATION

Prior to the school year 1923-24, students were admitted to this College upon presentation of a minimum of fifteen standard high school units, regardless of groups. Beginning with the school year 1923-24 certain designated groups were required. Unconditional admission was limited to graduates of high schools accredited by the North Central Association of Colleges and Secondary Schools or by State Universities. These requirements were revised by a joint committee of Colorado High School Principals and the Admission and Credits Committee of

the College, with the result that the following regulations were adopted beginning September 1, 1924, and are now effective:

GROUP I (Required) Minimum of four units must be presented.

1. English 3
2. Social Science (History, Civics, Sociology, Economics) 1

GROUP II (Required) Minimum of five units must be presented.

3. Foreign Languages (A single unit will be accepted in one foreign language, but not in more than one)
4. Mathematics (may include Advanced Arithmetic, after Algebra, but does not include Commercial Arithmetic)
5. The Physical and Natural Sciences (Physics, Chemistry, Biology, General Science, Botany, Zoology, Physical Geography, Physiology, Hygiene, Agriculture)

5

Note: Excess units above what is actually required in Groups I and II may be counted in Group III as electives.

6. Music and Fine Arts
7. Commercial Arts
8. Home Economics
9. Manual Arts
10. Normal Training (Maximum of two units)

6

Note: If more than four units are presented in any special field (Nos. 6, 7, 8, 9), they will be accepted for entrance only in the same special field of work in the College.

All candidates for admission must satisfactorily pass a physical examination and also make an acceptable score in a standard classification test. Students from non-accredited high schools may gain admission to the college by presenting the same kind of credentials for admission as are required of students from accredited schools. The college will, however, give more attention to the intelligence score. The fee for this examination is one dollar.

Conditional Admission—Any applicant who is not a high school graduate, but who is credited with 14 high school units may be admitted to the College upon presenting a transcript from a reputable high school, showing the completion of 14 units in designated groups. Such students are limited to a maximum program of 12 hours per quarter in the College, and must make up the deficient high school unit in Teachers College High School during their first year in the College. The student cannot be enrolled for the second year until the entrance condition has been removed.

Adult students (twenty years of age or over) may be admitted to the College upon passing an English test and the standard college entrance test, provided the score is sufficiently high to assure the College that the student has the ability to carry on College work, even though he may have had no high school training, or only a partial high school course.

School for Adults—Mature students (twenty years of age or over) who have less than 14 high school units of credit, and who are not admitted through the entrance test, will be assigned to the School for Adults—a division between the high school and the College. As soon as they have completed the equivalent of 15 high school units, or shown the learning power which such completion usually gives, they may be admitted to the College.

GRADUATION

Since September 1, 1921, credit has been given only for regular College work in institutions uniformly recognized as standard colleges or colleges maintained primarily for the training of teachers. On that date Colorado State Teachers College discontinued giving college credit for teaching experience, handwriting certificates, music certificates, drawing certificates, private study, private lessons of any kind or work

in business colleges, conservatories of music, dramatic schools, county institutes, reading circles, or for any other kind of work done in an institution other than one ranking as a standard normal school, college, teachers college, or university.

Students coming up for graduation since September 1, 1924, are required to meet standard requirements for the certificate or degree no matter what the requirements might have been at the time the student first enrolled in the College. This means that the student must meet the entrance requirements outlined above. It also means the cutting off of credit for life experience, teaching experience, handwriting, art, and music certificates; private lessons in art, music, and the like; and cutting down excessive credit for a quarter's work, and especially the excessive credit formerly given for the Summer term of six weeks.

The College will continue to grant the two-year certificate, the Bachelor of Arts and the Master of Arts degrees, but under the conditions of entrance which became effective September 1, 1924, and the conditions of graduation which became effective September 1, 1924. Students whose entrance was approved under the requirements announced for the school year 1923-24 are not required to make any adjustment because of the revision made as shown above which became effective September 1, 1924.

Ninety-six quarter-hours are required in the courses wherein the Life Certificate is granted upon the completion of two years of work. One hundred and ninety-two quarter-hours are required for the Bachelor of Arts degree.

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 which 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 already in the institutions from which the students come. Only the heads of the departments involved have the power to excuse students from taking these prescribed subjects. No advanced standing is granted for additional units above the usual sixteen earned in the four-year high school course.

UNIT OF COLLEGE CREDIT—All credits toward graduation are calculated in "quarter-hours." The term "quarter-hour" means a subject given one day a week through a quarter of 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.

MAXIMUM AND MINIMUM HOURS OF CREDIT—A student registers usually for fifteen, sixteen, or seventeen hours, each quarter. The average shall be not more than sixteen hours for any three consecutive quarters, or forty-eight for the year of nine months. If a student attends during the Summer Quarter, this average shall be understood to apply. If the work is to count as a *resident* quarter, the student must carry at least twelve quarter-hours. A student who wishes to take a larger program than sixteen hours regularly must take one of the standard mental tests. Following the test, the student may carry seventeen or eighteen hours regularly, if the score is high enough to warrant it. In no case shall more than eighteen hours be allowed.

THE TEN HOUR RULE—A student failing to pass in ten hours of college work out of a full quarter's program of from 12 to 16 hours will be dropped at the end of the quarter and may not enroll again except by special permission of the dean, and then only on probation for one quarter. The second failure to pass in ten hours of work permanently excludes the student from the College.

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 (48) quarter-hours of credit. If the student's first graduation is with the Bachelor of Arts degree, only three quarters are required. Students who have already taken the Life Certificate (two-year course) must spend in residence at least two additional quarters for the Bachelor of Arts degree. Extension group classes conducted by members of the College faculty are considered as resident work and may be counted as such to the extent of one quarter for the Life Certificate (two-year course) and one of the two resident quarters required beyond that for the Bachelor of Arts degree. The residence requirement in the graduate school is shown on page 15.

THE GRADING SYSTEM—The system of weighted credits which has been in effect for some years past has been abandoned by faculty action. However, extra credit earned under that system while in effect is not to be discounted because of the change. 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 extended. By special arrangement in advance with the dean or registrar and the teacher a longer time may be given.

A course marked "Withdrawn" may not be made up unless arrangement has been made at the time of withdrawal with the dean or registrar.

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 for a teachers college, for it gives teachers in active service an opportunity equal to any of securing a complete education while teaching.

CERTIFICATES AND DEGREES

THE TWO-YEAR COURSE—A student must do full work in residence during at least three quarters before being granted any certificate. Thus, at least forty-eight of his ninety-six hours may be granted on advanced standing or for extension courses.

THE FOUR-YEAR COURSE—At the end of the fourth year of study, and upon the completion of one hundred ninety-two quarter-hours of credit, the degree of Bachelor of Arts in Education will be conferred. This degree is a life license to teach in any of the public schools of Colorado and will be granted to all students who have completed the requirements of the course they are pursuing.

THE FIVE-YEAR COURSE—See "Graduate Work," pages 14, 15, 16.

Regulations concerning overlapping of A.B. and A.M. work—To prevent overlapping of time and consequent misunderstanding the

Admission and Credits Committee grants advanced standing never in excess of one hundred forty-four quarter-hours to applicants who fall short of admission to the Graduate work. Students transferring to Colorado State Teachers College when they are within one or two quarters of the A.B. degree must expect to lose some time by making the transfer.

GROUP COURSES—Each student is required to select one of the group courses given in detail under the departments of the College. If a student has taken subjects elsewhere similar to those specified in his group course, he may, with the consent of the head of the department in which he is specializing, be allowed to substitute the work he has already had for required Colorado State Teachers College work. The student may not, however, be excused from the "Professional Core" shown above, except by the heads of the departments giving those courses.

TIME LIMITS 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 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.

TRANSFER OF CREDIT FROM OTHER COLLEGES—Since Colorado State Teachers College is a college for training teachers, its courses of study are technical. Those who come from universities or liberal arts colleges with one, two, or three years of advanced credits may find that some of these will not apply upon the course of study they may select here. Colorado State Teachers College accepts all credits from accredited colleges on the basis of the maximum a student is permitted to earn in this College in a given period. For the most part these credits will apply as electives in our own courses of study. Colorado State Teachers College does not guarantee that a student having had a year's work in another school will be able to complete a two-year course in three more quarters. Many of the students are able to apply their previous work upon the courses selected here without loss of time, but often students find it necessary to remain in Colorado State Teachers College somewhat longer than they had expected because of the number of required technical courses in a given curriculum.

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 courses.

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, and engineering schools prepare engineers.

For this reason its curriculum should be sharply differentiated from that of other technical schools and also from that 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' work. The following departments shall prepare teachers to receive the Bachelor's degree:

Biology	Fine and Applied Arts
Commercial Education	Geology, Physiography, and
Education	Geography
Superintendents	History and Political Science
Principals for	Home Economics
Grades	Hygiene and Physical Education
Junior High Schools	Industrial Arts
Senior High Schools	Literature and English
Supervisors and Teachers for	Mathematics
Kindergarten-Primary	Music
Intermediate	Physical Sciences
Upper Grades	Chemistry Physics
Rural Schools	Romance Languages and Latin
Educational Psychology	Social Sciences

But any student who wishes to take a Life Certificate entitling him to teach in the elementary schools before the completion of the full four-year departmental curriculum in which he is majoring, must complete all the required work in the first two years of the curriculum for that division of the grades or grade department in which he elects to take his certificate. The following departments are those referred to:

Kindergarten-Primary	Fine Arts
Intermediate Grades	Manual Training
Upper Grades	Home Economics
Rural	Commercial Education
Music	

Each student selects a department in which he expects to specialize. The head of the department selected becomes the student's permanent adviser throughout his college course. The choice of a course may be made at the opening of the student's first college quarter. But if the student is undecided, he may register for one quarter as unclassified and defer the selection of his major subject until the beginning of his second quarter.

LENGTH OF COURSE—Each course is planned to occupy twelve quarters. A quarter is approximately twelve weeks in length. Upon the completion of the course the degree of Bachelor of Arts in Education will be granted. The courses shown above are so arranged that they may be divided in the middle. The first part of these courses may be completed in six quarters. The student who chooses to be graduated at the end of the two-year course receives a Life Certificate but no degree. This certificate is a life license to teach in the elementary schools of Colorado and is honored in most of the other states.

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

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: Biology 1, English 4 (unless excused for proficiency). Hygiene 7, Sociology 3, Education 1, Education 5, 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 AND FOURTH YEARS: For majors in elementary school work, supervision, etc. Education 102 (student teaching), Education 111, Hygiene 108, Psychology 104 and 108a, and Sociology 105.

THIRD AND FOURTH YEARS: For majors expecting to become high school teachers, supervisors, and principals. Education 101, 103 (student teaching), 111, 116 or 113, Hygiene 108, Psychology 105 and 108b, and Sociology 105.

ATHLETICS AND MEN'S PHYSICAL EDUCATION

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

12a. ATHLETIC TRAINING—Two periods. First half Quarter. One hour.

Emergency treatment of common injuries, theories of training, massage, and the treatment of sprains and bruises are the topics considered.

67. INTRA-MURAL SPORTS—Three periods. First half Quarter. One hour.

Discussion and demonstration of group and mass games such as speedball, handball, soccer, etc.

165. FOOTBALL COACHING—Five periods. First half Quarter. Two hours.

Theory of coaching football, with stress placed on fundamentals of football for the individual and for the organized team. Special attention given to offensive and defensive systems. Generalship, training, equipment, and the newer rules will be discussed.

166. BASKETBALL COACHING—Five periods. First half Quarter. Two hours.

Theory of coaching, different styles of offense and defense used by leading coaches, goal throwing, out of bounds plays, and the handling of men will be among the topics considered.

168. TRACK AND FIELD COACHING—Five periods. First half Quarter. Two hours.

Theory and practice in starting, sprinting, distance running, hurdling, jumping, pole vaulting, throwing the weights and the javelin, training and management of meets, and the rules for various track and field events are subjects which will make up the course.

169. BASEBALL COACHING—Five periods. First half Quarter. Two hours.

Theory and practice in batting, fielding, pitching and base running. Attention is given to fundamentals, teamwork, coaching methods, rules, conditioning the team, and methods of indoor practice.

BIOLOGY

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

1. EDUCATIONAL BIOLOGY—Core subject for first year students. Either half or full Quarter. Three hours. Fee, \$1.00.

BOTANY

1. GENERAL BOTANY—General botany of the flowering plants. Full Quarter. Four hours. Fee, \$1.00.

103. PLANT PHYSIOLOGY—Deals with the general functions of plants. Full Quarter. Four hours. Prerequisite, Botany 1 or its equivalent. Fee \$1.50.

202. BOTANICAL RESEARCH—Problems for graduate theses. Conference course. Fee, \$3.00. Students should register for this course only after consultation with Prof. Jean.

ZOOLOGY

5. BIRD STUDY—An elementary course in the study of our common birds. Full Quarter. Four hours. Fee, \$1.00.

102. VERTEBRATE ZOOLOGY—A course designed to give the student a wider knowledge of the vertebrates than course 2. Full quarter. Four hours. Prerequisites, Zoology 1 and 2, or their equivalent. Fee, \$1.50.

107. **ELEMENTARY ENTOMOLOGY**—An elementary study of the leading insect groups. Full Quarter. Four hours. Prerequisites, Zoology 1 and 2, or their equivalent. Fee, \$1.50.

202. **ZOOLOGICAL PROBLEMS**—Problems preliminary to a thesis. Conference course. Fee, \$3.00. Before registering for this course students should consult with Prof. Harrah.

BIOTICS

101. **HEREDITY AND EUGENICS**—Full Quarter. Four hours. Desirable prerequisite, Biology 1.

ELEMENTARY SCIENCE

1. **ELEMENTARY BIOLOGICAL SCIENCE**—Required for Kindergarten, Primary and Intermediate majors. Full Quarter. May be taken for half quarter by special arrangement made at beginning of quarter. Fee, 50 cents.

BACTERIOLOGY

1. **ELEMENTARY BACTERIOLOGY**—Full Quarter. Four hours. Prerequisite, Biology 1. Fee, \$1.50.

CHEMISTRY

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

1. **GENERAL CHEMISTRY**—Full Quarter. Three hours. Fee, \$3.00.
Two lectures and one laboratory period on the theory of chemistry and non-metals.
2. **GENERAL CHEMISTRY**—Full Quarter. Three hours. Fee, \$3.00.
Two lectures and one laboratory period. A continuation of Course 1.
3. **GENERAL CHEMISTRY**—Full Quarter. Three hours. Fee, \$3.00.
Two lectures and one laboratory period on the chemistry of metals. A continuation of Course 2.
4. **GENERAL CHEMISTRY**—Full Quarter. Four hours. Fee, \$4.00.
This course covers the same textbook work as Course 1, but requires more laboratory work. Two lectures and two laboratory periods.
5. **GENERAL CHEMISTRY**—Full Quarter. Four hours. Fee, \$4.00.
A more extensive course than Course 2. Two lectures and two laboratory periods. Continuation of Course 4.
6. **GENERAL CHEMISTRY**—Full Quarter. Four hours. Fee, \$4.00.
A continuation of Course 5. Two lectures and two laboratory periods.
7. **QUALITATIVE ANALYSIS**—Full Quarter. Four hours. Fee, according to hours of credit.
A laboratory and consultation course on the separation and identification of the common elements. Eight hours attendance. Prerequisite Courses 1, 2, and 3 or 4, 5 and 6.
108. **ORGANIC CHEMISTRY**—Full Quarter. Three hours. Fee, \$3.00.
Two lectures and one laboratory period. A study of the hydrocarbons and their derivatives.
109. **ORGANIC CHEMISTRY**—Full Quarter. Three hours. Fee, \$3.00.
Two lectures and one laboratory period. A continuation of Course 108. A study of benzene derivatives.
Prerequisites for 108 and 109 are 1, 2, or 4, 5. Recommended to students specializing in biology or physics.
110. **ORGANIC CHEMISTRY**—Full Quarter. Four hours. Fee, \$4.00.
Two lectures and two laboratory periods. Same textbook work as Course 108, but more extensive laboratory work.

111. ORGANIC CHEMISTRY—Full Quarter. Four hours. Fee, \$4.00.
Two lectures and two laboratory periods. A continuation of Course 110. Prerequisites for Courses 110 and 111 are Courses 4, 5. Required of students specializing in chemistry and of four-year Home Economics students.
112. FOOD CHEMISTRY—Full Quarter. Three hours. Fee, \$3.00.
Two lectures and one laboratory period. A study of foods, detection of adulterants, metabolism and dietary lists. Recommended as a general cultural course. Prerequisite for Course 112 is 1, 2, 108 and 109.
113. FOOD CHEMISTRY—Full Quarter. Four hours. Fee, \$4.00.
A more comprehensive course than 112. Required of students specializing in chemistry and of four-year Home Economics students. Prerequisites 4, 5, 110, 111.
114. and 114b. QUANTITATIVE ANALYSIS—Either half or full Quarter. Four or eight hours. Fee, \$4.00.
Gravimetric and volumetric analysis. A laboratory and consultation course. Eight or sixteen hours attendance. Prerequisites, Courses 4, 5, 6, 7.
117. THE TEACHING OF CHEMISTRY—Full Quarter. Three hours.
Discussion and reports on the teaching of high school chemistry, and setting up demonstration apparatus. Required of chemistry students specializing to teach the subject.

COMMERCIAL EDUCATION

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

1. PRINCIPLES OF SHORTHAND I—First half Quarter. No credit.
2. PRINCIPLES OF SHORTHAND II—Second half Quarter. Four hours.
3. SECRETARIAL PRACTICE I—Full Quarter. Four hours.
4. METHODS OF TEACHING SHORTHAND—First half Quarter. One hour.
11. PRINCIPLES OF TYPEWRITING I—First half or full Quarter. No credit. Fee, \$1.00.
12. PRINCIPLES OF TYPEWRITING II—Full Quarter. Four hours. Fee, \$1.00.
13. PRINCIPLES OF TYPEWRITING III—Full Quarter. Three hours. Fee, \$1.00.
14. METHODS OF TEACHING TYPEWRITING—Second half Quarter. One hour.
15. BUSINESS REPORTS AND COMPOSITIONS—Second half Quarter. Four hours.
36. HANDWRITING METHODS—Either half or full Quarter. Two hours.
37. BUSINESS MATHEMATICS—First half Quarter. Four hours.
38. COMMERCIAL LAW I—First half Quarter. Four hours.
50. PRINCIPLES OF ACCOUNTING I—First half Quarter. Four hours.
51. PRINCIPLES OF ACCOUNTING II—Second half Quarter. Four hours.
105. SECRETARIAL PRACTICE II—Full Quarter. Four hours.
110. OFFICE APPLIANCES AND SPECIAL EQUIPMENT—Either half or full Quarter. Two or four hours.
144. COMMERCIAL LAW II—Second half quarter. Four hours.
150. BANK ACCOUNTING—Second half quarter. Three hours.
157. PRINCIPLES AND METHODS IN COMMERCIAL EDUCATION—First half Quarter. Two Hours.
158. PROBLEMS IN BUSINESS EDUCATION—Second half Quarter. Four hours.
220. SEMINAR IN COMMERCIAL EDUCATION—Either half or full Quarter.

EDUCATION

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

I. COURSES PRIMARILY FOR JUNIOR COLLEGE STUDENTS

1. AN INTRODUCTION TO EDUCATION—Required of all first year students. Full Quarter three times a week or either half Quarter five times a week. Three hours.

2a. PRE-TEACHING OBSERVATION—Full Quarter. One hour.

2b. STUDENT TEACHING IN THE ELEMENTARY AND JUNIOR HIGH SCHOOL. Full Quarter. Hours according to schedule.

3. PRIMARY METHODS—Either half or full Quarter. Two or four hours.

4. INTERMEDIATE GRADE METHODS—Either half or full Quarter. Two or four hours.

5. PRINCIPLES OF TEACHING—Full Quarter three times a week or either half five times a week. Three hours. Prerequisites, Ed. 1.

10. THE ELEMENTARY SCHOOL CURRICULUM—Full Quarter. Three hours. Prerequisites, Ed. 1, Ed. 5, and Sophomore standing.

15. EDUCATIONAL GUIDANCE—First half Quarter. Two hours.

16. ELEMENTARY TRAINING COURSE FOR CAMP FIRE GIRLS LEADERSHIP—Either half Quarter. One hour.

This course is intended for those who wish to become Camp Fire Guardians. Groups will be organized into regular camp fires and do the work usually required of girls in such groups.

16a. ADVANCED TRAINING COURSE FOR CAMP FIRE GIRLS LEADERSHIP—Either half Quarter. One hour.

Open to students who have had the elementary course in Camp Fire.

17. BOY SCOUT WORK—First half Quarter. One hour.

This course is intended for those who wish to become Boy Scout Masters.

20. AGRICULTURAL EDUCATION—Either half or full Quarter. Two or four hours.

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

25. Now numbered Ed. 125.

26. Now numbered Ed. 126.

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

51. LITERATURE, SONGS, AND GAMES FOR KINDERGARTEN AND PRIMARY

CHILDREN—Either half or full Quarter. Two or four hours.

52. THE KINDERGARTEN CURRICULUM—Full Quarter. Four hours.

100a. PROBLEMS OF EDUCATION—Either half or full Quarter. Two or four hours. When taken for credit students must be in attendance every day and take the prescribed examinations.

This course offers students an opportunity to obtain in one Summer, from different lecturers, either members of the regular faculty or visiting lecturers or teachers, discussions of problems of current interest and significance, problems to which the particular lecturers have given detailed and serious study. This course attempts, therefore, to bring to interested students the results of research concerning current educational problems.

100c. UNIT COURSES IN EDUCATION—Either half or full Quarter. One, two, three, four, or five hours. When taken for credit, students must be in attendance every day and take the prescribed examinations.

The plan here is to offer a series of five one-hour courses, each of which, or any one or more of which, may be taken. Each course will be taught for two weeks by one man of national reputation in his field as follows: Dr. Strayer, of Teachers College, Columbia, School House Construction; Dr. Washburne, Superintendent of Schools in Winnetka, Illinois, Individual Instruction; Warden Rayment of Goldsmiths' College, University of London, Education in England; Dr. Pechstein, Dean of the College of Education, University of Cincinnati; Mr. C. R. Foster, Associate Superintendent of Schools, Pittsburgh, the Six Year High School.

II. COURSES PRIMARILY FOR SENIOR COLLEGE STUDENTS

101. PRINCIPLES OF HIGH SCHOOL TEACHING—Full Quarter. Four hours.

102. ADVANCED STUDENT TEACHING IN ELEMENTARY TRAINING SCHOOL—Full Quarter. Five hours.

102a. STUDENT SUPERVISION IN THE ELEMENTARY TRAINING SCHOOL—Full Quarter. Five hours.

103. STUDENT TEACHING IN THE SECONDARY TRAINING SCHOOL—Full Quarter. Five hours.

This course will include conference, observation, supervision, and teaching under the direction of the training teachers.

104. THE PROJECT METHOD OF TEACHING—First half Quarter. Two hours.

105. PRACTICAL PROJECTS IN THE PRIMARY GRADES—Either half or full Quarter. Two or four hours.

106. ELEMENTARY TYPES OF TEACHING AND LEARNING—Either half or full Quarter. Two or four hours.

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.

110. EXTRA-CURRICULAR ACTIVITIES—Either half or full Quarter. One and a half or three hours.

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

112. SCHOOL HOUSE CONSTRUCTION—Unit Course. One hour.

113. ORGANIZATION AND ADMINISTRATION OF THE JUNIOR HIGH SCHOOL—Full Quarter. Four hours. Primarily for Junior High School majors.

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

115. ORGANIZATION AND ADMINISTRATION OF THE ELEMENTARY SCHOOL—First half. Two hours.

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

120. EDUCATIONAL FINANCE—Formerly Ed. 220—First half Quarter. Two hours.

123. EDUCATIONAL RESEARCH FOR SENIOR COLLEGE STUDENTS—Either half or full Quarter. Two or four hours. Arrange for this course with the head of the department.

This course is a seminar and conference course for qualified senior college students. Students with definite problems will carry on research on their topic under the direction of the instructor in whose field the problem lies.

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

126. THE PROJECT CURRICULUM FOR RURAL SCHOOLS—Formerly Ed. 26. First half. Two hours.

129. CURRENT EDUCATIONAL THOUGHT—Formerly Ed. 229—Full Quarter. Four hours.

133. HISTORY OF EDUCATION WITH SPECIAL REFERENCE TO MODERN TIMES—First half. Three hours.

134. HISTORY OF EDUCATION IN THE UNITED STATES—Full Quarter. Three hours.

136. COMPARATIVE EDUCATION—First half. Two hours.

A comparative study of European, English and American educational systems. Special attention is given to organization, curriculum and methods of instruction.

141. RECENT EDUCATIONAL DEVELOPMENTS—First half. Two hours.

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

143. NATIONAL, STATE, AND COUNTY EDUCATIONAL ADMINISTRATION—Second half. Two hours.

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

147. EDUCATIONAL SURVEYS—First half. Two hours.

148. METHODS OF TEACHING UNDER THE PLAN OF INDIVIDUAL INSTRUCTION—Unit course. One hour.

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—Either half or full Quarter. Two or four hours.

154. RECENT INVESTIGATIONS IN ELEMENTARY EDUCATION AND THEIR PRACTICAL APPLICATION TO THE WORK OF THE INTERMEDIATE GRADES—Either half or full Quarter. Two or four hours.

This course considers the most important investigations in reading, language, spelling, geography, history, arithmetic and training in citizenship and their influence on the teaching of these subjects in the intermediate grades.

165. BIBLE STUDY—Great Personalities of the Old Testament—First half Quarter. One hour.

166. BIBLE STUDY—The Personality and Teachings of Jesus—Second half Quarter. One hour.

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

The purpose of the course is to give practical help to teachers or prospective teachers in Sunday Schools, Week-Day Schools of Religion, and to leaders of clubs, in the problems of method of teaching in these schools, curriculum, worship services, etc. The course will include a study of objectives of moral and religious education.

190. THE ADMINISTRATION OF NORMAL SCHOOLS AND TEACHERS' COLLEGES—Either half or full Quarter. Two or four 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.)

210. PROBLEMS OF THE SCHOOL CURRICULUM—Full Quarter. Three hours.

211. CONCEPTION OF THE MIND IN EDUCATIONAL THEORY—Second half Quarter. Two hours.

This course will study the doctrines of mind that have exercised a determining influence upon educational theory, method, and practice. It will attempt to show that our conception of the nature of the mind determines in part the aims of education; furthermore, it will trace the historical development of the three major conceptions of mind and the relation of each to the aims of education. The status of intelligence and its influence on theory and practice will be discussed and the difference between mechanical and intelligent behavior will be pointed out, as well as the implications for education.

213. PROBLEMS OF THE JUNIOR HIGH SCHOOL WITH SPECIAL REFERENCE TO THE CURRICULUM—Not given Summer, 1926.

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

This course is intended for graduate and advanced undergraduate students who are interested in intensive study of significant and fundamental problems in the field of secondary education. These problems will include organizing programs of study, administering student activities, financing student activities, organizing curriculum materials, planning teachers' meetings, and other problems related to secondary education. Intensive study and investigation will be organized along the lines of individual interest.

220. EDUCATIONAL FINANCE—This course is now numbered Ed. 120.

223. RESEARCH IN EDUCATION—Full Quarter. Three or four hours.

224. EXPERIMENTAL EDUCATION—Either half or full Quarter. Two or four hours.

229. CURRENT EDUCATIONAL THOUGHT—This course is now numbered Ed. 129.

240. WOMEN IN ADMINISTRATION—First half. Two hours.

243. PROBLEMS IN EDUCATIONAL ADMINISTRATION—Either half or full Quarter. Two or four hours.

This course is primarily intended for superintendents and principals of schools. The problems selected for work in any quarter will vary with the interests of the group electing the course and the relative importance of the problems in present-day educational administration. The following are types of problems, some of which will be studied: Types of publicity for a school system; modern school house construction; selection, purchase, and distribution of textbooks, equipment, and supplies; the development and utilization of a budget; needed changes in financial accounting; needed changes in taxation; needed changes in educational laws for a particular state; a plan for a self-survey of a school system; the superintendent or principal as a supervisor—what he can do to improve instruction; an adequate set of educational and financial records and reports for cities of various sizes; how to make and utilize the results of age-grade-progress studies; analysis of the janitor's job; the selection, preparation, tenure, and promotion of teachers; and the legal rights of boards of education. For students desiring it, the course will afford guidance in the discovery and statement of problems suitable for work toward the advanced degrees.

EDUCATIONAL PSYCHOLOGY

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

1. CHILD HYGIENE—First Year. Four hours. Full Quarter required of students who specialize in Physical Education.

2. EDUCATIONAL PSYCHOLOGY—

a. Second year. Either half Quarter. Three hours credit, four hours recitation. Required of all students.

b. Second year. Either half Quarter. Three hours credit, four hours recitation. Required of all students.

104. PSYCHOLOGY OF ELEMENTARY SCHOOL SUBJECTS—Third year. Either half or full Quarter. Two or four hours. Required of students who teach or supervise elementary or junior high school work.

105. PSYCHOLOGY OF THE HIGH SCHOOL SUBJECTS—Third year. Either half or full Quarter. Two or four hours. Required of students preparing to teach in the senior high school.

107. MENTAL TESTS AND MEASUREMENTS—Full Quarter. Four hours. Required of Education majors.

108a. EDUCATIONAL TESTS AND MEASUREMENTS—Fourth year. Either half or full quarter. Two or four hours. Required of students who are preparing to teach or supervise elementary or junior high school work.

108b. EDUCATIONAL TESTS AND MEASUREMENTS—Fourth year. Either half or full Quarter. Two or four hours. Required of students who will teach in the senior high school.

110. GENERAL PSYCHOLOGY—Full Quarter. Four hours.

111. SPEECH DEFECTS—First half Quarter. Two hours.

114. PSYCHOLOGY OF THE KINDERGARTEN-PRIMARY CHILD—Second half Quarter. Two hours.

115. PSYCHOLOGY OF THE JUNIOR HIGH SCHOOL CHILD—Second half Quarter. Two hours.

212. PSYCHOLOGICAL AND STATISTICAL METHODS APPLIED TO EDUCATION—Full quarter. Four hours.

213. CONFERENCE, SEMINAR, AND LABORATORY COURSES—Either half or full Quarter. Hours depending upon the amount of work.

214. ADVANCED EDUCATIONAL PSYCHOLOGY—Full Quarter. Four hours.

215. ADVANCED EDUCATIONAL TESTS AND MEASUREMENTS—Any Quarter. Four hours.

FINE ARTS

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

1. METHODS OF TEACHING FINE ARTS IN INTERMEDIATE GRADES AND JUNIOR HIGH SCHOOL—First half or full Quarter. Two or four hours. Fee 50 cents.

2. METHODS OF TEACHING FINE ARTS IN PRIMARY GRADES—Either half or full Quarter. Two or four hours. Fee, 50 cents.

3. FREEHAND DRAWING I—Either half or full quarter. Two or four hours.

4a. ART STRUCTURE II—Either half or full Quarter. One and a half or three hours.

Art structure, the basis of the fine pattern. Exercises in design, creating harmony through the use of structural principles. Application to textiles: print-block, tie-dye, batik, free brush stitchery. Study of design in historic textiles.

4b. DESIGN—First half or full Quarter. Two or four hours.

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

6. ART APPRECIATION—Full Quarter. One hour.

7. CONSTRUCTIVE DESIGN—Either half or full Quarter. Two or four hours. Fee 50 cents.

Prerequisite Art 4a or 4b or the equivalent.

9. HISTORY OF ART—Full Quarter. Three hours.

11. HISTORY OF ARCHITECTURE—Either half Quarter. One half or one hour.

13. METHOD OF TEACHING INDUSTRIAL ART IN PRIMARY GRADES—Half or full Quarter. Two or four hours. Fee \$1.50.

14. METHODS OF TEACHING INDUSTRIAL ART IN INTERMEDIATE GRADES AND JUNIOR HIGH SCHOOL—Either half or full Quarter. Two or four hours. Fee \$1.50.

16. FREEHAND DRAWING II—Either half or full Quarter. Two or four hours.

Prerequisite—Art 3 or equivalent.

17. LETTERING AND POSTER COMPOSITION—Either half or full Quarter. One or two hours.

The aim of this course is to familiarize the student with alphabets used in fine printing and good advertisements, and to give practice in lettering, manuscript writing, color design, and the rendering of objects in decorative form as required for poster work.

100. SUPERVISION OF FINE ARTS EDUCATION—Full Quarter. Two hours.

Supervision of art in public school systems; the planning of a course of study; methods of teaching; reading on related subjects.

103. ART STRUCTURE III—Either half or full Quarter. Two or four hours.

Advanced study of composition. Mediums: oil and water color. Execution of design for specific fine arts objects.

104. DESIGN AND COMPOSITION—Either half or full Quarter. Two or four hours.

Advanced design and color. Principles of design and ways of creating harmony in design and color.

101. DRAWING FROM LIFE—Either half or full Quarter. Two or four hours.

105. OIL PAINTING—Either half or full Quarter. Two or four hours.

108. POTTERY—Either half or full Quarter. Four hours. Fee \$2.00.

115. POTTERY—Either half or full Quarter. One or two hours. Fee \$2.00.

GEOLOGY, PHYSIOGRAPHY, AND GEOGRAPHY

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

4. REGIONAL GEOGRAPHY OF NORTH AMERICA—Either half or full Quarter. Two or four hours.

5. GEOGRAPHY OF THE NEW EUROPE—Either half or full Quarter. Two or four hours.

7. BUSINESS GEOGRAPHY—Either half or full Quarter. Two or four hours.

12. METHODS IN INTERMEDIATE GEOGRAPHY—Two hours. Repeated each half Quarter.

14. JUNIOR HIGH SCHOOL METHODS—Two hours. Repeated each half Quarter.

103. CLIMATOLOGY—Two or four hours. Either half or full Quarter.

150. GEOGRAPHY OF COLORADO—Two or four hours. Either half or full Quarter.

HISTORY AND POLITICAL SCIENCE

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

HISTORY

3. RECONSTRUCTION AND THE NEW UNITED STATES—Full Quarter. Four hours.

4. WESTERN AMERICAN HISTORY—Full Quarter. Four hours.

5. EARLY MODERN EUROPE—Full Quarter. Four hours.

6. MODERN EUROPEAN HISTORY, 1815-1918 — Full Quarter. Four hours.

10. SOCIAL AND INDUSTRIAL HISTORY OF THE UNITED STATES—Full Quarter. Four hours.

27. CONTEMPORARY WORLD HISTORY—Either half Quarter. Two hours.

103. THE REFORMATION—Either half or full Quarter. Two or four hours.

106. THE FRENCH REVOLUTION—Either half or full Quarter. Two or four hours.

108. THE AMERICAN REVOLUTION—Either half or full Quarter. Two or four hours.

117. TEACHING OF HISTORY AND CIVICS IN JUNIOR AND SENIOR HIGH SCHOOLS—First half Quarter. Three hours.

POLITICAL SCIENCE

5. PROBLEMS IN CITIZENSHIP—Second half Quarter. Two hours.

This course is offered for the first time this quarter. Its object is to give teachers an opportunity to study the content of the material that is being organized for some of the newer courses in the Social Sciences. Some of the questions considered for such organization are: How to read a newspaper; Japanese immigration; the relation of the races; the modern woman in industry and social life; strikes and their prevention; conservation; what to do with the radicals; the anti-foreign movement; nationalism versus internationalism; disarmament and the outlawry of war. Other topics will be taken in accordance with the desires of the class.

101. AMERICAN DIPLOMACY—Either half or full Quarter. Two or four hours.

HOME ECONOMICS

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

HOUSEHOLD SCIENCE

1. FOODS AND COOKERY—Full Quarter. Four hours. Fee, \$3.00.

3. COOKING AND SERVING—Full Quarter. Four hours. Fee, \$3.50. H. Sc. 1 and H. Sc. 2 are prerequisite.

4. ELEMENTARY NUTRITION—First half or full Quarter. Two or four hours.

A course designed for non-majors. No chemistry required. Choice of foods for body needs.

7. HOUSEHOLD MANAGEMENT—Either half Quarter. Lecture course. Two hours.

Required of all Home Economics majors. Open to any student.

7a. HOUSEHOLD MANAGEMENT—Full Quarter. Three hours.

Practical application of the preceding course. Open to majors who have had the H. Sc. 1, 2 and 7.

103. DIETETICS—Full Quarter. Four hours. Fee, \$3.00.

104. DEMONSTRATION COOKERY—First half or full Quarter. One or two hours. Fee \$3.50.

105. CHILD CARE—Either half Quarter. Two hours. Fee \$1.00. Open to any student.

106. HOME NURSING—Full Quarter. Four hours. Fee, \$1.00.

Practical course in care of the sick at home.

108. HOUSING AND HOUSE SANITATION—First half or full Quarter. Two or four hours.

Problems relating to modern housing and sanitation.

200. SEMINAR IN HOUSEHOLD SCIENCE—Full Quarter.

Graduate work may be arranged for in this course, dependent on previous training, and interests of the student.

HOUSEHOLD ARTS

1. TEXTILES—Full Quarter. Three hours. Fee \$1.00.

3. GARMENT MAKING—Full Quarter. Four hours.

The fundamentals of plain sewing. This course is for students who have had no sewing in high school. A similar course is offered for those who have had sewing.

4. MILLINERY—First half or full Quarter. Two or four hours. Fee \$2.50.

Designing and making hats for the individual. Some choice as to fabrics.

5. PATTERN DESIGNING—First half or full Quarter. Two or four hours. Fee 50 cents.

This course is prerequisite to H. A. 6.

102. APPLIED DESIGN—First half or full Quarter. Two or four hours.

Open to students who have had color work in design.

108. COSTUME DESIGN—First half or full Quarter. Two or four hours. Fee 50 cents.

A lecture course on the application of the principles of art to the selection of the individual costume.

112. HOME DECORATION—Full Quarter. Four hours.

The application of art principles to the selection of furnishings and to the decoration of simple homes.

200. SEMINAR IN HOUSEHOLD ARTS—Full Quarter.

This work is to be arranged for graduate students who come prepared to take up some specific line of experiment or research.

HOME ECONOMICS, ED. 111—First half or full Quarter. Two or four hours.

Subject matter, methods, courses of study, texts and equipment for Home Economics work.

HOME ECONOMICS, 101—THE HOME—First half Quarter. Two hours.

This course gives some of the problems that relate to every individual who expects to have a home or share in making better homes.

HYGIENE AND PHYSICAL EDUCATION

During the summer, the usual physical training requirement for first and second year students has been waived but several physical training and recreational courses of interest to students in other departments are offered for credit. Courses open to the general student body are indicated in the description below.

I. REQUIRED HEALTH EDUCATION COURSES

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

1. INDIVIDUAL AND SOCIAL HYGIENE—Five periods. Either half quarter. Two hours.

Separate sections for men and women.

108. EDUCATIONAL HYGIENE—Five periods. Either half Quarter. Three hours.

This is a course in methods of teaching health.

Health Education—Report of Joint Committee on Health Problems in Education will be followed.

2. ANATOMY—Five periods. First half Quarter. Three hours. Fee, 50 cents.

A second year course for Physical Education majors.

2a. KINESIOLOGY—Five periods. Second half Quarter. Three hours. Fee, 50 cents.

A continuation of P. E. 2.

5. HISTORY OF PHYSICAL EDUCATION—Four periods. First half Quarter. Two hours.

A first year course. No prerequisites.

Text—Leonard's History of Physical Training.

12. FIRST AID—Four periods. First half Quarter. Two hours. Fee, 50 cents.

The American Red Cross Textbook on First Aid is used.

101. PHYSIOLOGY—Five periods. First half Quarter. Three hours. Fee, 50 cents.

A third year course for students of Physical Education and others who expect to teach Physiology.

101a. PHYSIOLOGY OF EXERCISE—Five periods. Second half Quarter. Three hours. Fee, 50 cents.

A continuation of P. E. 101 with special emphasis on muscle-nerve physiology and the effects of muscular activity upon the various organs of the body. Text—McCurdy, Physiology of Bodily Exercise.

103. PHYSICAL EXAMINATIONS AND ANTHROPOMETRY—Four periods. Full Quarter. Four hours. Fee, 50 cents.

II. COURSES PRIMARILY FOR STUDENTS MAJORING IN PHYSICAL EDUCATION

50. CHARACTERISTIC DANCING—Four periods. Second half Quarter. Two hours. Fee, 25 cents.

50a. GYMNAS TIC DANCING—Four periods. Either half or full Quarter. One half or one hour. Fee, 25 cents.

53. GYMNAS TIC S—Five periods. Second half Quarter. Two hours. A beginning course. Open to general students only by permission of the instructor. A course primarily for Physical Education majors.

56. SINGING GAMES AND ELEMENTARY FOLK DANCES—Three periods. Either half or full Quarter. One-half or one hour. No prerequisites. Open to all. Fee, 25 cents.

57. FOLK AND NATIONAL DANCES—Three periods. Either half or full Quarter. One-half or one hour. Open to all. Fee, 25 cents.

58. ESTHETIC DANCING—Three periods. Each half Quarter. One-half or one hour. Open to all. Fee, 25 cents.

58a. ESTHETIC DANCING FOR PHYSICAL EDUCATION MAJORS—Five periods. First half Quarter. Two hours. Fee, 25 cents.

59a. NATURAL DANCING—Five periods. Second half Quarter. Two hours. Fee, 25 cents.

Prerequisite P. E. 58a. Primarily for Physical Education students. Open to others only by permission of the instructor.

62. PLAYS AND GAMES—Three periods. Either half Quarter. One-half or one hour. Open to all.

64a. ATHLETICS FOR WOMEN—Five periods. Either half Quarter. Two hours.

64b. BASKETBALL COACHING (Women)—Five periods. Either half Quarter. Two hours.

A course for Physical Education majors. Others who have had playing experience in basketball as a prerequisite may be admitted.

64c. ATHLETICS FOR WOMEN—Three periods. Either half or full Quarter. One-half or one hour. No prerequisite. Open to all.

65. RECREATION COURSE—Three periods. Either half or full Quarter. One half or one hour. Open to all.

Group games and tennis are emphasized. Fee for tennis, 50 cents each half.

102. REMEDIAL GYMNAS TIC S—Four periods. Second half Quarter. Two hours. Prerequisite P. E. 2.

A course covering the applications of remedial gymnastics, individual gymnastics, and other physical measures to different type cases. Both theory and practice will be considered.

113. ADMINISTRATION OF PHYSICAL EDUCATION—Full Quarter. Two periods. Two hours.

The general organization and administration of a department of physical education and athletics. Aims, types of activities and courses; personnel; relation to medical advisory work and health service; athletics, etc. Williams' Organization and Administration of Physical Ed. the text.

167. ATHLETIC COACHING PRACTICE—Five periods. Either half Quarter. Two hours. Open by permission only.

This is an elective course for qualified students desiring practical experience in coaching athletic games under supervision.

INDUSTRIAL ARTS

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

1. TECHNIC AND THEORY OF WOODWORKING—Either half or full Quarter. Two or four hours. Fee, \$1.00 or \$2.00.

1a. TECHNIC AND THEORY OF WOODWORKING I—Full Quarter. Four hours. Fee, \$2.00.

2. TECHNIC AND THEORY OF WOODWORKING II—Full Quarter. Four hours. Fee, \$2.00.

5. PRINCIPLES OF TEACHING PRACTICAL ART SUBJECTS—Either half or full Quarter. One and one-half or three hours.

8a. ART METAL—Either half or full Quarter. Two or four hours. Fee, \$2.00.

11. PROJECTIONS, SHADE, AND SHADOW—Either half or full Quarter. Two or four hours. Fee, \$1.00.

19. WOOD TURNING—Full Quarter. Four hours. Fee, \$2.00.

31a. ELEMENTARY PRINTING—Either half or full Quarter. Two or four hours. Fee, \$1.00.

31b. ELEMENTARY PRINTING—Either half or full Quarter. Two or four hours. Fee, \$1.00.

32a. INTERMEDIATE PRINTING—Either half or full Quarter. Two or four hours. Fee, \$1.00.

Emphasizes typographic design in production of different classes of printing.

32b. INTERMEDIATE PRINTING—Either half or full Quarter. Two or four hours. Fee, \$1.00.

Continuation of Course 32a.

41a. ELEMENTARY BOOKBINDING—Either half or full Quarter. Two or four hours. Fee, \$1.00.

41b. ELEMENTARY BOOKBINDING—Either half or full Quarter. Four hours. Fee, \$1.00.

A continuation of Bookbinding 41a.

41c. ELEMENTARY BOOKBINDING—Either half or full Quarter. Two or four hours. Fee, \$1.00.

A continuation of Bookbinding 41b.

42a. INTERMEDIATE BOOKBINDING—Full Quarter. Two or four hours. Fee, \$1.00.

117. ELEMENTS OF MACHINE DESIGN I—Either half or full Quarter. Two or four hours. Fee, \$1.00.

133a. ADVANCED PRINTING—Either half or full Quarter. Two or four hours. Fee, \$1.00.

136. SHOP MANAGEMENT IN PRINTING—On request either half or full quarter. One or two hours.

143a. ADVANCED LEATHER CRAFT AND ART BINDINGS—Either half or full Quarter. Two or four hours. Fee, \$1.00.

143b. ADVANCED LEATHER CRAFT AND COMMERCIAL BINDINGS—Either half or full Quarter. Two or four hours. Fee, \$1.00.

144. SHOP MANAGEMENT IN BOOKBINDING—On request. Two hours. Elective.

145. SECRETARIAL SCIENCE IN BOOKBINDING—On request. Four hours. Elective.

201. SEMINAR—On request. Full Quarter. Four hours.

Individual research in the field of practical arts. Problems to be selected upon consultation.

This is a conference course. Conference hours to be arranged.

LIBRARY SCIENCE

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

103. CLASSIFICATION AND CATALOGUING—Full Quarter. Three hours.

107. ADMINISTRATION AND HISTORY OF LIBRARIES, TRAVELING LIBRARIES, AND COUNTY LIBRARIES—Full Quarter. Two hours.

LITERATURE AND ENGLISH

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

1. MATERIAL AND METHODS IN READING AND LITERATURE—Full Quarter and either half Quarter. Three hours.
2. THE TEACHING OF ENGLISH IN JUNIOR HIGH SCHOOL—First half Quarter. Three hours.
4. SPEAKING AND WRITING ENGLISH—Required of all students unless they pass English 4 Exemption Test. Full Quarter and either half Quarter. Three hours.
6. AMERICAN LITERATURE—Full Quarter. Four hours.
11. THE ENGLISH LANGUAGE—Full Quarter. Four hours.
13. THE ART OF STORY TELLING—Either half Quarter. Three hours.
15. TYPES OF LITERATURE—Either half Quarter. Three hours.
16. TYPES OF CONTEMPORARY LITERATURE—Either half Quarter. Three hours.
20. ADVANCED COMPOSITION—Full Quarter. Four hours.
31. THE SHORT STORY—Second half Quarter. Three hours.
- 102a. JOURNALISTIC WRITING—Full Quarter. Three hours.
103. ADVANCED PUBLIC SPEAKING—Either half Quarter. Three hours.
105. ORAL ENGLISH IN THE HIGH SCHOOL—Second half Quarter. Two hours.
106. THE TEACHING OF ENGLISH IN THE HIGH SCHOOL—First half Quarter. Three hours.
109. COMPARATIVE LITERATURE—Full Quarter. Four hours. Includes the study of Faust.
117. DRAMATIC INTERPRETATION—Full Quarter and either half Quarter. Four hours.
121. EARLY NINETEENTH CENTURY POETRY—Full Quarter. Four hours.
126. THE INFORMAL ESSAY—First half Quarter. Three hours.
128. SHAKESPEARE'S HISTORIES—Full Quarter. Four hours.
130. ELIZABETHAN DRAMA EXCLUSIVE OF SHAKESPEARE—Full Quarter. Four hours.
132. THE DEVELOPMENT OF THE NOVEL—Full Quarter. Four hours.
134. MODERN PLAYS—Full Quarter. Four hours.
150. LITERARY INTERPRETATION—Either half Quarter. Two hours. Daily practice in the oral reading of literature.

MATHEMATICS

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

1. SOLID GEOMETRY—Either half or full Quarter. Two or four hours.
This course takes up the ordinary theorems of solid geometry and at the same time emphasizes the main points to be kept in mind by the teacher in presenting the subject of geometry.
2. PLANE TRIGONOMETRY—Either half or full Quarter. Two or four hours.
5. COLLEGE ALGEBRA—Either half or full Quarter. Two or four hours.

6. COLLEGE ALGEBRA—Either half or full Quarter. Two or four hours.
7. ANALYTIC GEOMETRY—Either half or full Quarter. Two or four hours.
- 8a. JUNIOR HIGH SCHOOL MATHEMATICS—First half Quarter. Two hours.

The formation of the Junior High School has given rise to a great deal of discussion as to just what sort of mathematics should be taught in the seventh and eighth grades, in particular, and just what methods should be used. This course is given over to a study of these questions from the standpoint of the practical teacher.

- 8b. THE TEACHING OF ARITHMETIC—First half Quarter. Two hours.

This course takes up a discussion of the recent tendencies in the teaching of arithmetic. It attempts to give those things which will actually help the teacher in presenting arithmetic in the classroom.

- 100a. THE TEACHING OF ALGEBRA—First half Quarter. Two hours.
- 100b. GEOMETRY FOR TEACHERS—Second half Quarter. Four hours.
101. DIFFERENTIAL CALCULUS—First half or full Quarter. Two or four hours.
102. INTEGRAL CALCULUS—First half or full Quarter. Two or four hours.

More advanced work in the field of mathematics may be arranged for by consultation with the head of the department.

201. DIFFERENTIAL EQUATIONS—Either half or full Quarter. Two or four hours.

MUSIC

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

1. SIGHT SINGING—Five periods. First half. Three hours.
A course for beginners.
- 1b. SIGHT SINGING—Five periods. Second half. Three hours.
An advanced course for music majors.
2. TONE THINKING AND MELODY WRITING—Five periods. Second half. Three hours.
Introductory Course to Beginning Harmony. Required of all music majors.
3. INTRODUCTORY HARMONY—Five periods. First half. Three hours.
Required of music majors. Prerequisite Music 2.
4. ADVANCED HARMONY—Five periods. Second half. Three hours.
Continuation of Music 3. Required of majors in music. Prerequisite Music 3.
10. PRIMARY METHODS—Five periods. First half. Three hours.
Required of public school majors. Prerequisite Music 1 and 2.
11. INTERMEDIATE METHODS—Five periods. Second half. Three hours.
Required of all music majors. Prerequisite Music 1 and 2.
20. HISTORY OF ANCIENT AND MEDIEVAL MUSIC—Five periods. First half. Three hours.
Required of majors in music.
21. MODERN COMPOSERS—Five periods. Second half. Three hours.
Required of majors in music.
22. APPRECIATION OF MUSIC—Five periods. First half. Three hours.
23. MUSICAL LITERATURE—Five periods. Second half. Three 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. INDIVIDUAL LESSONS IN OBOE—One-half period. Full Quarter. One hour.
35. INDIVIDUAL LESSONS IN SAXOPHONE—No credit. Full Quarter. One-half period.
36. INDIVIDUAL LESSONS IN CELLO—One-half period. Full Quarter. One hour.
37. CLASS LESSONS IN VOICE—First and second half Quarter. No Credit.
40. ORCHESTRA—One period. Full Quarter. One hour.
41. BAND—One period. Full Quarter. One hour.
43. ADVANCED ORCHESTRA—Full Quarter. One hour.
44. ADVANCED BAND—Full Quarter. One hour.
45. ORCHESTRAL INSTRUMENTS—A course in instrument study for supervisors. No credit.
103. COUNTERPOINT—Three periods. Full quarter. Three hours. The principles of harmony are here applied to polyphonic writing.
110. SUPERVISOR'S COURSE—Five periods. Second half. Three hours. Required of majors in public school music. Prerequisite, Music, 1, 2, 3, 4, 10, and 11.
111. CONDUCTING (by assignment)—Four periods. Full Quarter. Four hours.
114. METHODS IN CONDUCTING—Two periods. First half. One hour.
123. OPERA—Learning to appreciate opera. First half Quarter. 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.

PHYSICS

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

1. MECHANICS AND HEAT—Full Quarter. Four hours. Fee, \$3.00. An elementary course, especially for secondary school teachers. Lectures and discussion, including one three-hour laboratory period.
2. ELECTRICITY AND MAGNETISM—Full Quarter. Four hours. Fee, \$3.00. A continuation of Physics 1.
11. MECHANICS—Full Quarter. Three hours. Fee, \$3.00. Advanced course similar to Physics 1, but more theoretical and requiring careful quantitative analysis. Prerequisite: Trigonometry.
103. THEORY OF RADIO RECEPTION AND TRANSMISSION—Full Quarter. Four hours. Fee, \$4.00.
108. METHOD OF TEACHING PHYSICS IN ELEMENTARY AND HIGH SCHOOLS—Full Quarter. Four hours. Fee, \$3.00.

ROMANCE LANGUAGES AND LATIN

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

SPANISH

1. ELEMENTARY SPANISH—Four hours.
5. INTERMEDIATE SPANISH—Four hours.
105. ADVANCED SPANISH—Four hours.
131. THE TEACHING OF SPANISH, OR GRADUATE SPANISH, 225 will be offered. Four hours.

FRENCH

1. ELEMENTARY FRENCH—Four hours.
5. INTERMEDIATE FRENCH—Four hours.
105. ADVANCED FRENCH—Four hours.
131. TEACHING OF FRENCH OR FRENCH 225, GRADUATE FRENCH, will be offered. Four hours.

LATIN

1. FIRST YEAR LATIN, FOR BEGINNERS, OR LATIN 5, SECOND YEAR LATIN—Four hours.
5. FOURTH YEAR LATIN—Four hours.
105. FIFTH YEAR LATIN—Four hours.
125. ADVANCED LATIN OR LATIN 131, THE TEACHING OF LATIN—Four hours.

SOCIOLOGY, ANTHROPOLOGY, AND ECONOMICS

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

1. AN INTRODUCTION TO THE SOCIAL SCIENCES—Either half Quarter. Three hours. A substitute for Sociology 3.
101. THE ORIGIN AND ANTIQUITY OF MAN—Full Quarter. Four hours.
102. EARLY CIVILIZATION IN AMERICA—Full Quarter. Four hours.
105. THE PRINCIPLES OF SOCIOLOGY—Full Quarter. Four hours. Required of third year students.
110. PRINCIPLES OF ECONOMICS—Full Quarter. Four hours.
150. MODERN SOCIAL PROBLEMS. Full Quarter. Three hours.

A course involving a study of war, crime, the race question, divorce, poverty, etc., in the light of the more recent sociological investigations. The course is designed for both undergraduate and graduate students, and students are admitted with or without previous study in sociology.

209. SEMINAR IN SOCIOLOGY—Full Quarter. Four hours.

A study of the means, methods and possibilities of the conscious improvement of society. Only graduate students or those capable of doing graduate work will be admitted.

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 the Gymnasium from 8:00 to 12:00 and from 1:00 to 4:00, Tuesday, June 15.

2. ORDER OF REGISTRATION—Do *only two things* on Registration Day:

(a) Fill out the Registration Card (personal data) 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.

This card will admit you to class the first week **ONLY**. 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 should be completed by 5:00 P. M. of the last day for permanent registration, June 25. Permanent Cards, **APPROVED BY THE REGISTRAR**, 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 HOURS—The normal program of a student is sixteen hours. Students whose outside work takes up a considerable part of their time should enroll for twelve to fifteen hours. Any student may make up a program of fifteen, sixteen, or seventeen hours; but if seventeen hours are taken in one quarter, fifteen must be taken at a later quarter, so that any three consecutive quarters *dating from the first quarter in residence* may not average more than sixteen hours. Those wishing to take seventeen or eighteen hours regularly must take the Extra Hour Test, given at 1:30 P. M. on Registration Day, Little Theatre, Administration Building. No schedules will be approved for more than eighteen hours under any condition.

4. LATE REGISTRATION—A fee of \$1.00 is charged for registration after 4:00 P. M. the regular day, June 15. 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.

5. PHYSICAL EXAMINATIONS—An annual health examination is required for each student. Unclassified students are NOT exempt from this requirement.

6. ENGLISH 4 is 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 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 4.

7. Students who have been admitted to the College before October 1, 1923, should determine to their satisfaction that such admission is in accordance with regulations which have been in effect since that date. Students should determine also if they are affected by the new requirements for graduation which went into effect September 1, 1924.

8. 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.

9. Candidates for graduation should NOT take half of a required course without thought of completing the course in a succeeding Summer quarter. This completion cannot be arranged in non-residence or during the Fall, Winter, and Spring quarters.

FEES

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.

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

Non-resident fee to be added to above.

Fees for Laboratory and Materials

Art

Art 1, 2, 7, per course	\$0.50
Art 13, 14, per course	1.50*
Art 108, 115, per course	2.00

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

Biology

Bacteriology 1	\$1.50
Biology 1	1.00
Botany 1	1.00
Botany 103	1.50
Botany 202	3.00
Elementary Science 150
Zoology 5	1.00
Zoology 102, 107, per course	1.50

Chemistry

Chemistry 1, 2, 3, 108, 109, per course	\$3.00
Chemistry 4, 5, 6, 7, 110, 111, 113, 114, per course	4.00

Commercial

Commercial Ed. 11, 12, 13, per course	\$1.00
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Home Economics

H. A. 1	\$1.00
H. A. 4	2.50
H. A. 5, 108, per course50
H. S. 1, 103, per course	3.00
H. S. 3, 104, per course	3.50
H. S. 105, 106, per course	1.00

Industrial Arts

Ind. Art 1, 1a, 2, 8a, 19, per course.....	\$2.00*
Ind. Art 11, 117, per course.....	1.00
Bookbinding, all courses.....	1.00
Printing 31a, 31b, 32a, 32b, 133a, per course	1.00*

Music

Music 30, 31, 32, 33, 34, 35, 36, 130, 131, 132, 133 and 134. Individual lessons. Fees paid before taking lessons. For fees see Mr. Cline, Director of the Conservatory.

Physics

Physics 1, 2, 11, per course.....	\$3.00
Physics 103.....	4.00

Physical Education

Physical Education 2, 2a, 12, 101, 101a, 103, per course.....	\$0.50
Physical Education 50, 50a, 56, 57, 58, 58a, 59, per course.....	.25
Physical Education 65.....	1.00*

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

SCHEDULE OF CLASSES
(Summer Quarter, 1926)

Time and Cat. No.	Description	Days	May Be Taken for Credit	Qr. Hrs.	Teacher	Room
I. 7:00 to 7:50						
Art 2	Art Methods—Primary	MTWTF	Ei. Half or Full Qr.	2 or 4	Gregory	G-200
Art 3	Freehand Drawing I	MTThF	Ei. Half or Full Qr.	2 or 4	Klee	G-203
Art 4a	Art Structure II	MWF	1st Half or Full Qr.	1½ or 3	Moore	G-204
Art 17	Lettering and Poster Composition	TTh	Ei. Half or Full Qr.	1 or 2	Moore	G-204
Biol. 1	Ed. Biol. (Must be taken at 12:00 also)	MTWTF	Either Half	3	Abbott	L-1
Biol. 1	Educational Biology	MTWTh	Full Quarter	3	Frasier	L-13
Bot. 1	General Botany (Lab. at 8:00 TTh)	MTWTh	Full Quarter	4	Jean	304
Chem. 108	Organic Chemistry (Lab. by appt.)	MW	Full Quarter	3	Peet	300
Chem. 110	Organic Chemistry (Lab. by appt.)	MW	Full Quarter	4	Peet	300
C. E. 15	Bus. Reports and Comp. (double pd.)	MTWTh	Second Half	4	Huchingson	212
C. E. 50	Prin. of Accounting I (double pd.)	MTWTh	First Half	4	Colvin	214
C. E. 51	Prin. of Accounting II (double pd.)	MTWTh	Second Half	4	Colvin	214
C. E. 150	Bank Accounting	MTWTh	First Half	3	Huchingson	212
Ed. 1	Introduction to Education	MTTh	Full Quarter	3	Hunt	T-13
Ed. 3	Primary Methods	MTThF	Ei. Half or Full Qr.	2 or 4	Turner	T-9
Ed. 4	Intermediate Methods	MTWTh	Ei. Half or Full Qr.	2 or 4	Hanthon	T-11
Ed. 107	Meth. of Imprvg. Instrn. in Reading	MTWTh	Ei. Half or Full Qr.	2 or 4	Davis	T-209
Ed. 110	Extra Curricular Activities	MTTh	Ei. Half or Full Qr.	1½ or 3	Rugg	203
Ed. 111	Philosophy of Education	MTWTh	Full Quarter	4	{ Raymont Blue }	T-219
Ed. 133	History of Education	Daily	Second Half	3	Morrison	207
Ed. 134	History of Education in the U. S.	Daily	First Half	3	Morrison	207
Ed. 240	Women in Administration	MTWTh	First Half	2	Newman	100a
El. Sci. 1	Elementary Science	MTWTh	Full Quarter	4	Aikman	303
Eng. 4	Speaking and Writing English	Daily	Either Half	3		101
Eng. 4	Speaking and Writing English	MWF	Full Quarter	3		202
Eng. 13	The Art of Story Telling	Daily	Either Half	3	Campbell	100
Eng. 15	Types of Literature	Daily	Either Half	3	Hawes	Little Theatre
Eng. 109	Comparative Literature	MTWTh	Full Quarter	4	Goebel	T-216
Geog. 12	Intermediate Geog. Methods	MTThF	Either Half	2	Blaine	T. S. Aud.

Time and Cat. No.	Description	Days	May Be Taken for Credit	Qr. Hrs.	Teacher	Room
Hist. 4	Western American History	MTWTh	Full Quarter	4	Dickerson	104
H. A. 3 (Sec. 1)	Garment Making (2 pds.—prev. exp. req.)	MTWTh	Ei. Half or Full Qr.	2 or 4	Jean	HE-301
Hyg. & P. E. 2	Anatomy	Daily	First Half	3	Long	1
Hyg. & P. E. 2a	Kinesiology	Daily	Second Half	3	Long	1
Ind. Arts 1	Tech. and Theory of Wdwkg.	MTWTh	Full Quarter	2		T-14
Ind. Arts 1a	Tech. and Theory of Wdwkg. (Lab. at 8:00)	MTWTh	Full Quarter	4	Foulk	G-1
Ind. Arts 8a	Art Metal	MTWTh	Ei. Half or Full Qr.	2 or 4	Hadden	G-101
Ind. Arts 31a	Elementary Printing (Double Pd.)	MTWTh	Ei. Half or Full Qr.	2 or 4	Bishop	G-104
Ind. Arts 32a	Intermediate Printing (Double Pd.)	MTWTh	Ei. Half or Full Qr.	2 or 4	Bishop	G-104
Ind. Arts 41a	Elem. Bkdg. and Leather Craft	MTWTh	Full Quarter	2	Schaefer	G-100
Math. 1	Solid Geometry	MTThF	Ei. Half or Full Qr.	2 or 4	Tobey	T-210
Math. 7	Analytic Geometry	MTThF	Ei. Half or Full Qr.	2 or 4	Finley	210
Mus. 110	Music Supervisor's Course	Daily	Second Half	3	Roesner	T-12
P. E. 58	Esthetic Dancing	MWF	Ei. Half or Full Qr.	½ or 1	Keyes	6
Psych. 104	Psych. of Elem. School Subjects	MTWTh	Ei. Half or Full Qr.	2 or 4	Heilman	103
Psych. 111	Speech Defects	Daily	First Half	2	Willsea	102
Soc. 209	Seminar (Limited to 10)	MTWTF	Full Quarter	4	Howerth	208
Zool. 5	Bird Study	MTThF	Full Quarter	4	Harrah	301
II. 8:00 to 8:50						
Art 2	Art Methods—Primary	MTThF	Ei. Half or Full Qr.	2 or 4	Baker	G-200
Art 5	Water Color Painting	MTWTh	Ei. Half or Full Qr.	2 or 4	Moore	G-203
Art 13	Indus. Art. Methods—Primary	MTWTF	Ei. Half or Full Qr.	2 or 4	Gregory	G-204
Art 103	Art Structure III	MTWTh	Ei. Half or Full Qr.	2 or 4	Dement	G-206
Art 104	Design and Composition	MTWTh	Ei. Half or Full Qr.	2 or 4	Dement	G-206
Biol. 1	Educational Biology	MTThF	Full Quarter	3	Harrah	301
Chem. 112	Food Chemistry (Lab. by Appt.)	MW	Full Quarter	3	Peet	300
Chem. 113	Food Chemistry (Lab. by Appt.)	MW	Full Quarter	4	Peet	300
C. E. 4	Methods of Teaching Shorthand	TW	First Half	1	Merriman	213
C. E. 110	Office Appliances	TWThF	1st Half or Full Qr.	2 or 4	Knies	211
C. E. 157	Prin. and Methods in Commercial Ed.	MTWTh	First Half	2	Huchingson	212
Ed. 1	Introduction to Education	Daily	Either Half	3	{ Risley { MacKay }	100
Ed. 3	Primary Methods	MTWTh	Ei. Half or Full Qr.	2 or 4	Dulin	203
Ed. 4	Intermediate Methods	MTWTh	Ei. Half or Full Qr.	2 or 4	Van Meter	T-13

Time and Cat. No.	Description	Days	May Be Taken for Credit	Qr. Hrs.	Teacher	Room
Ed. 4	Intermediate Methods	MTWTh	Ei. Half or Full Qr.	2 or 4	Hanthorn	T-16
Ed. 5	Principles of Teaching	Daily	Either Half	3	Mahan	L-13
Ed. 52	Kindg. Curriculum and Materials	MTWTh	Full Quarter	4	Lyford	T-9
Ed. 116	Org. and Adm. of a Senior H. S.	MTWTh	Full Quarter	4	Prunty	202
Ed. 120	Educational Finance	MTWTh	First Half	2	{ Strayer Pratt }	L-1
Ed. 125	Rural Education	MTWTh	Ei. Half or Full Qr.	2 or 4	Hargrove	T-211
Ed. 129	Current Educational Thought	MTWTh	Ei. Half or Full Qr.	2 or 4	{ Strayer Pratt Foster Threlkeld }	T-12
Ed. 136	Comparative Education	MTWTh	First Half	2	Raymont	HE-306
Ed. 210	Prob. of the School Curriculum	MTTh	Full Quarter	3	Rugg	207
El. Sci. 1	Elementary Science	MTWF	Ei. Half or Full Qr.	2 or 4		303
Eng. 20	Advanced Composition	MTWTh	Full Quarter	4	Hawes	T-210
Eng. 103a	Extemporaneous Speaking	MTWTh	Either Half	2	Randall	T-222
Eng. 134	Modern Plays	MTWTh	Full Quarter	4	Tobey	100a
Geog. 5	Geography of the New Europe	MTThF	Ei. Half or Full Qr.	2 or 4	Barker	101
Hist. 10	Soc. and Ind. History of the U. S.	MTWTh	Full Quarter	4	Permenter	Little Thtre.
Hist. 103	The Reformation	MTWTh	Ei. Half or Full Qr.	2 or 4	Harding	104
Hyg. 1	Indiv. and Soc. Hygiene (Women)	Daily	Either Half	3	Bryson	T. S. Aud.
Hyg. 1	Indiv. and Soc. Hygiene (Men)	Daily	First Half	3	Long	1
Ind. Arts 143a	Adv. Bkdg. and Leather Craft (Lab. 9:00)	MTWTh	Full Quarter	4	Schaefer	G-100
Math. 5	College Algebra	MTThF	Ei. Half or Full Qr.	2 or 4	Tobey	T-216
Math. 8	The Teaching of Arithmetic	MTWTh	First Half	2	Stone	210
Math. 201	Differential Equations	MTThF	Ei. Half or Full Qr.	2 or 4	Finley	T-212
Mus. 40	Beginning Orchestra	TTh	Full Quarter	1	Thomas	Consv.
Mus. 114	Methods in Conducting	MTWTh	First Half	2	Cline	Consv.
P. E. 59a	Natural Dancing	Daily	Second Half	2	Keyes	6
P. E. 62	Plays and Games	MWF	First Half	1	Keyes	6
P. E. 64c	Athletics for Women	Daily	Either Half	2		Field
P. E. 169	Baseball Coaching	Daily	First Half	2	{ Cooper Jones }	Field
Physics 1	Mechanics and Heat (Lab. TTh 8:00-10)	MTThF	Full Quarter	4	Valentine	HE-106
Psych. 108a	Educ. Tests and Measurements	MTWTh	Ei. Half or Full Qr.	4	Heilman	103

Time and Cat. No.	Description	Days	May Be Taken for Credit	Qr. Hrs.	Teacher	Room
Psych. 110	General Psychology	MTWTF	Full Quarter	4	Hamill	102
Soc. 3	Educational Sociology	Daily	Either Half	3	Howerth	208
Spanish 1	First Year Spanish	MTWTh	Full Quarter	4	Du Poncet	205
III. 9:00 to 9:50						
Art 2	Art Methods—Primary	MTThF	Ei. Half or Full Qr.	2 or 4	Klee	G-200
Art 14	Indus. Art. Methods—Int. and Jr. H. S.	MTWTF	Ei. Half or Full Qr.	2 or 4	Lowe	G-204
Art 100	Supervision of Art Education	TTh	1st Half or Full Qr.	1 or 2	Baker	G-201
Art 105	Oil Painting I	MTWTh	Ei. Half or Full Qr.	2 or 4	Dement	G-203
Biol. 1	Educational Biology	MTWTh	Full Quarter	3	Aikman	303
Biot. 101	Hereditry and Eugenics	MTWTh	Full Quarter	4	Jean	301
Chem. 7	Quantitative Chemistry (Lab. by Appt.)	MTWTh	Full Quarter	2 or 4	Peet	302
Chem. 114	Quantitative Chemistry (Lab. by Appt.)	MTWTh	Full Quarter	2 or 4	Peet	302
C. E. 1	Prin. of Shorthand I (Double Pd.)	TWThF	First Half	4	Merriman	212
C. E. 2	Prin. of Shorthand II (Double Pd.)	TWThF	Second Half	4	Merriman	212
C. E. 11	Principles of Typewriting I	TWThF	Full Quarter	2	Knies	213
C. E. 36	Handwriting Methods	TWThF	Ei. Half or Full Qr.	1 or 2	Bedinger	214
C. E. 37	Business Mathematics (Double Pd.)	MTWTh	First Half	4	Colvin	HE-306
C. E. 158	Problems in Bus. Education (Double Pd.)	MTWTh	Second Half	4	Colvin	HE-306
Ed. 1	Introduction to Education	Daily	Either Half	3	Wyatt	L-13
Ed. 10	Elementary School Curriculum	MTTh	Full Quarter	3	Mahan	T-9
Ed. 28	School and Home Gardens	MTWTh	First Half	2	Hargrove	T-217
Ed. 51	Songs, Games and Story Telling—Kindg.	MTWTh	Ei. Half or Full Qr.	2 or 4		T-13
Ed. 106	Types of Teaching and Learning	MTWTh	First Half	2	Ganders	101
Ed. 107	Meth. of Imprvrg. Instrn. in Reading	MTWTh	Ei. Half or Full Qr.	2 or 4	Hanthorn	T-16
Ed. 108	Education Supervision	MTWTh	Ei. Half or Full Qr.	2 or 4	{ Risley Foster Threlkeld }	100
Ed. 113	Org. and Adm. of a Jr. H. S.	MTWTh	Full Quarter	4	Prunty	203
Ed. 123	Educ. Research (Sr. Coll. Students)	MTWTh	Ei. Half or Full Qr.	2 or 4	Rugg	207
Ed. 126	Project Curric. for Rural Schools	MTWTh	Second Half	2	Hargrove	T-217
Ed. 150	Foundations of Method	MTWTh	Ei. Half or Full Qr.	2 or 4	Armentrott	T-211
Ed. 216	Prob. of Secondary Education	MTWTh	Ei. Half or Full Qr.	2 or 4	Blue	T-218
Eng. 2	Teaching of Written English	MTThF	Full Quarter	4	Johnson	202
Eng. 11	The English Language	MTWTh	Full Quarter	4	Crates	L-1

Time and Cat. No.	Description	Days	May Be Taken for Credit	Qr. Hrs.	Teacher	Room
Eng. 102a	Journalistic Writing	MWTh	Full Quarter	3	Shaw	100a
Eng. 103	Advanced Public Speaking	MTWTh	Full Quarter	3	Randall	T-212
Eng. 121	Early 19th Century Poetry	MTWTh	Full Quarter	4	Oakden	T-12
Geog. 14	Geog. Method—Jr. H. S.	MTThF	Either Half	2	Blackburn	T. S. Aud.
German 1	Beginning German	MTWTh	Full Quarter	4	Goebel	1
Hist. 108	The American Revolution	MTWTh	Ei. Half or Full Qr.	2 or 4	Dickerson	104
H. Sci. 1	Foods and Cookery (Double Pd.)	MTThF	Full Quarter	4	Pickett	HE-202
H. Sci. 4	Ele. Nutrition (Open to All)	MTWTh	Full Quarter	4	Jean	HE-301
H. Sci. 7	Household Management (Open to All)	ThF	Full Quarter	2	Clasbey	HE-207
H. Sci. 106	Home Nursing (Open to All)	MTWF	Full Quarter	4	Wiebking	HE-304
Ind. Arts 1	Tech. and Theory of Wdwkg.	MTWTh	Full Quarter	2		T-14
Ind. Arts 2	Tech. and Theory of Wdwkg. (Lab. at 10:00)	MTWTh	Full Quarter	4	Fouk	G-1
Ind. Arts 5	Prin. of Tehg. Prac. Arts Subjects	MWF	1st Half or Full Qr.	1½ or 3	Hadden	G-105
Ind. Arts 31b	Ele. Printing (Double Pd.)	MTWTh	Ei. Half or Full Qr.	2 or 4	Bishop	G-104
Ind. Arts 133a	Advanced Printing (Double Pd.)	MTWTh	Ei. Half or Full Qr.	2 or 4	Bishop	G-104
Lib. Sci. 103	Classifications and Cataloging	MWF	Full Quarter	3	Carter	Library
Lib. Sci. 107	Admin. and Hist. of Libraries, etc.	TTh	Full Quarter	2	Carter	Library
Math. 6	College Algebra	MTThF	Ei. Half or Full Qr.	2 or 4	Tobey	T-216
Math. 108	Teaching of Jr. H. S. Math.	MTWTh	First Half	2	Stone	210
Mus. 22	Music Appreciation	Daily	First Half	3	Opp	Consv.
Mus. 23	Music Literature	Daily	Second Half	3	Opp	Consv.
Mus. 103	Counterpoint	MWF	Full Quarter	3	Thomas	Consv.
P. E. 50a	Gymnastic Dancing (Open to All)	MTWTh	Ei. Half or Full Qr.	1 or 2		Gym.
P. E. 58a	Esthetic Dancing (P. E. Majors)	Daily	First Half	2	Keyes	6
P. E. 60	Interpretative Dancing	Daily	Second Half	2	Keyes	6
P. E. 65	Tennis	MWF	Ei. Half or Full Qr.	½ or 1		Courts
P. E. 166	Basketball Coaching	Daily	First Half	2	Cooper	Gym
Psych. 2a	Educational Psychology	Daily	Either Half	3	Hamill	T-11
Psych. 108b	Educ. Tests and Measurements	MTWTh	Ei. Half or Full Qr.	2 or 4	Heilman	103
Psych. 215	Educ. Tests and Measurements (Adv.)	MTThF	Full Quarter	4	Gamble	102
Soc. 18	Rural Sociology	MTWTh	Full Quarter	4	Binnewies	300
Soc. 101	Origin and Antiquity of Man	MTWTh	Full Quarter	4	Howerth	208
Spanish 5	Intermediate Spanish	MTWTh	Full Quarter	4	Du Poncet	205

Time and Cat. No.

Description

Days

May Be Taken
for Credit

Teacher
Qr. Hrs.

Room 48

IV. 10:00 to 10:50

Art 6	Art Appreciation	W	Full Quarter	1	Dement	G-200
Art 9	History of Art	MTTh	Full Quarter	3	Dement	G-200
Art 14	Indus. Art Methods—Int. and Jr. H. S.	MTWF	Ei. Half or Full Qr.	2 or 4	Lowe	G-204
Art 16	Freehand Drawing II	MTThF	Ei. Half or Full Qr.	2 or 4	Baker	G-203
Art 101	Drawing from Life	MTThF	Ei. Half or Full Qr.	2 or 4	Baker	G-203
Bact. 1	Elem. Bacteriology (Lab. 2:00-4:00 TTh)	MTWTh	Full Quarter	4	Aikman	303
Biol. 1	Educational Biology	MTWTh	Full Quarter	3	Jean	301
Chem. 1	Inorganic Chemistry (Lab. by Appt.)	MW	Full Quarter	3	Peet	300
Chem. 4	Inorganic Chemistry (Lab. by Appt.)	MW	Full Quarter	4	Peet	300
C. E. 12	Principles of Typewriting II	TWThF	Ei. Half or Full Qr.	2 or 4	Knies	213
C. E. 36	Handwriting Methods	TWThF	Ei. Half or Full Qr.	1 or 2	Bedinger	214
Ed. 1	Introduction to Education	TWTh	Full Quarter	3	Hay	T-9
Ed. 5	Principles of Teaching	Daily	Either Half	3	Mahan	T-11
Ed. 21	Rural School Problems	MTWTh	Ei. Half or Full Qr.	2 or 4	Hargrove	L-13
Ed. 101	Prin. of High School Teaching	MTWTh	Full Quarter	4	Prunty	203
Ed. 114	Primary Supervision	MTWTh	Ei. Half or Full Qr.	2 or 4	Hanscom	T-13
Ed. 115	Org. and Adm. of the Elem. School	MTWTh	First Half	2	Risley	212
Ed. 142	Educational Administration	MTWTh	Ei. Half or Full Qr.	2 or 4	{ Strayer Pratt Foster Threlkeld }	207
Ed. 243	Problems in Educational Adminis.	MTWTh	First Half	2	Ganders	T-221
El. Sci. 1	Elementary Science	MTWF	Full Quarter	4		304
Eng. 1	Mat. and Meth. in Reading and Lit.	Daily	Either Half	3	Tobey	202
Eng. 4	Speaking and Writing English	MWF	Full Quarter	3		L-1
Eng. 16	Contemporary Literature	Daily	First Half	3	Newman	100
Eng. 31	The Short Story	MTWTh	Second Half	2	Hawes	T-220
Eng. 106	Teaching of English in H. S.	MTWTh	First Half	2	Hawes	T-220
Eng. 126	The Informal Essay	MTWTh	First Half	2	Oakden	100a
French 1	Beginning French	MTWTh	Full Quarter	4	Goebel	T-216
French 5	Intermediate French	MTWTh	Full Quarter	4	Crates	T-211
Geog. 12	Geography Method—Intermediate	MTThF	Either Half	2	Blaine	T. S. Aud.
Geog. 103	Climatology	MTThF	Ei. Half or Full Qr.	2 or 4	Barker	101
Hist. 3	Hist. of U. S. Since 1870	MTWTh	Full Quarter	4	Permenter	102

COLORADO STATE TEACHERS COLLEGE

Time and Cat. No.	Description	Days	May Be Taken for Credit	Qr. Hrs.	Teacher	Room
Hist. 27	Contemporary World History	MTWTh	Either Half	2	Harding	104
H. A. 1	Textiles (Open to All)	MTW	Full Quarter	3	Wiebking	HE-304
H. A. 3 (Sec. 2)	Garment Making (Double Pd. Any Studnt.)	MTWTh	Full Quarter	2 or 4	Jean	HE-305
H. Sci. 108	Housing and Sanitation	TWThF	1st Half or Full Qr.	2 or 4	Roudebush	HE-301
H. Econ. 111	Home Economics Education	MTWTh	1st Half or Full Qr.	2 or 4	Clasbey	HE-207
Hyg. & P. E. 113	Administration of Phys. Ed.	MTWTh	First Half	2	Long	1
Ind. Arts 1	Tech. and Theory of Wdwdg.	MTWTh	Full Quarter	2		T-14
Ind. Arts 11	Projection Shade and Shadow	MTWTh	Ei. Half or Full Qr.	2 or 4	Hadden	G-105
Ind. Arts 42a	Int. Bkdg. and Leather Craft	MTWTh	Full Quarter	4	Schaefer	G-100
Math. 101	Differential Calculus	MTThF	Ei. Half or Full Qr.	2 or 4	Finley	210
Math. 102	Integral Calculus	MTThF	Ei. Half or Full Qr.	2 or 4	Finley	210
Mus. 3	Introductory Harmony	Daily	First Half	3	Thomas	Consv.
Mus. 4	Intermediate Harmony	Daily	Second Half	3	Thomas	Consv.
Mus. 20	Ancient Hist. of Music	Daily	First Half	3	Opp	Consv.
Mus. 21	Modern Composers	Daily	Second Half	3	Opp	Consv.
P. E. 56	Rhythmic Games (Sec. 1.)	MWF	Ei. Half or Full Qr.	½ or 1	Keyes	6
P. E. 56	Rhythmic Games (Sec. 2)	MTTh	Ei. Half or Full Qr.	½ or 1	Keyes	6
P. E. 64a	Athletics for Women (Baseball, etc.)	Daily	Either Half	1 or 2		Field
P. E. 65	Tennis	MWF	Ei. Half or Full Qr.	½ or 1		Courts
P. E. 165	Football Coaching	Daily	First Half	2	{ Jones Cooper Hancock }	Field
Physics 2	Elec. & Magnetism (Lab. TTh 9:00-11:00)	MTThF	Full Quarter	4	Valentine	HE-106
Psych. 104a	Psychology of Music	MTWTh	First Half	2	Brown	T-212
Psych. 105	Psych. of H. S. Subjects	MTWF	Ei. Half or Full Qr.	2 or 4	Hamill	103
Psych. 107	Mental Tests and Measurements	MTWTh	Full Quarter	4	Holst	T-219
Psych. 213	Conference Course	Arrange	Ei. Half or Full Qr.	2 or 4	Heilman	Arrange
Soc. 102	Early Civilization in America	MTWTh	Full Quarter	4	Howerth	208
Soc. 110	Principles of Economics	MTWTh	Full Quarter	4	Binnewies	T-16
Spanish 105	Advanced Spanish	MTWTh	Full Quarter	4	Du Poncet	205

V. 11:00 to 11:50

Art 1	Art Methods—Int. and Jr. H. S.	MTWF	Ei. Half or Full Qr.	2 or 4	Lowe	G-203
Art 2	Art Methods—Primary	MTWTh	Ei. Half or Full Qr.	2 or 4	Moore	G-204
Art 13	Industrial Art Methods—Primary	MTThF	Ei. Half or Full Qr.	2 or 4	Klee	G-200

GRIFFIN, COLORADO

Time and Cat. No.	Description	Days	May Be Taken for Credit	Qr. Hrs.	Teacher	Room
Biol. 1	Educational Biology	MTWTh	Full Quarter	3	Frasier	301
Bot. 103	Plant Physiology (Lab. 1:00-4:00 W.)	MTTh	Full Quarter	4	Jean	304
Chem. 2	Inorganic Chemistry (Lab. by Appt.)	MW	Full Quarter	3	Peet	300
Chem. 5	Inorganic Chemistry (Lab. by Appt.)	MW	Full Quarter	4	Peet	300
C. E. 3	Secretarial Practice I	TWThF	Full Quarter	4	Merriman	212
C. E. 36	Handwriting Methods	MTWTh	Ei. Half or Full Qr.	1 or 2	Huchingson	214
C. E. 38	Commercial Law I (Double Pd.)	TWThF	First Half	4	Bedinger	T-6
C. E. 144	Commercial Law II (Double Pd.)	TWThF	Second Half	4	Bedinger	T-6
Ed. 1	Introduction to Education	TWTh	Full Quarter	3	Hay	T-9
Ed. 15	Educational Guidance	MTWTh	First Half	2	Mahan	203
Ed. 20	Agricultural Education	MTWTh	Ei. Half or Full Qr.	2 or 4	Hargrove	L-13
Ed. 51	Story Telling, Songs, Games, Kindg.	MTWTh	Ei. Half or Full Qr.	2 or 4	Hanscom	T-11
Ed. 104	The Project Method of Teaching	MTWTh	Second Half	2	Mahan	203
Ed. 144	School Publicity	MTWTh	First Half	2	{ Risley Shaw }	HE-306
Ed. 147	Educational Surveys	MTWTh	First Half	2	Ganders	T-7
Ed. 152	Prin. Underlying Ed. of Kg.-Primary	MTWTh	Ei. Half or Full Qr.	2 or 4	Lyford	T-13
Ed. 190	Normal School Administration	MTWTh	Ei. Half or Full Qr.	2 or 4	{ Evenden Frasier Cross Rugg Ganders Whitney Armentrout }	100
Ed. 211	Conceptions of Mind in Ed. Theory	MTWTh	First Half	2	Armentrout	T-205
El. Sci. 1	Elementary Science	MTWTh	Ei. Half or Full Qr.	2 or 4	Aikman	L-1
Eng. 6	American Literature	MTWTh	Full Quarter	4	Hawes	T-209
Eng. 117	Play Production	MTWTh	Ei. Half or Full Qr.	2 or 4	Randall	T-206
Eng. 128	Shakespeare's Histories	MTWTh	Full Quarter	4	Oakden	202
Eng. 132	The Development of the Novel	MTWTh	Full Quarter	4	Tobey	100a
Geog. 150	Geography of Colorado	MTThF	Ei. Half or Full Qr.	2 or 4	Barker	101
Hist. 106	The French Revolution	MTWTh	Ei. Half or Full Qr.	2 or 4	Harding	104
Hist. 117	Teaching of Hist. in Jr. and Sr. H. S.	Daily	First Half	3	Dickerson	102
H. A. 4	Millinery (Double Pd. Exp. required)	MTThF	Full Quarter	2 or 4	Roudebush	HE-301
H. A. 102	Applied Design (Open to all)	MTWF	Full Quarter	2 or 4	Wiebking	HE-304

Time and Cat. No.	Description	Days	May Be Taken for Credit	Qr. Hrs.	Teacher	Room
H. Sci. 103	Dietetics (Lab. by Appt., Sr. HE Maj.)	MTThF	Full Quarter	4	Pickett	HE-202
Hyg. 1	Indiv. and Social Hygiene (Women)	Daily	Either Half	3	Bryson	T. S. Aud.
Hyg. 1	Indiv. and Social Hygiene (Men)	Daily	Second Half	3	Long	1
Hyg. & P. E. 5	History of Physical Education	MTWTh	First Half	2	Keyes	1
Hyg. & P. E. 103	Anthropometry	MTWTh	Full Quarter	4		T-218
Ind. Arts 19	Wood Turning (Lab. at 12:00)	MTWTh	Full Quarter	4	Fouk	G-7
Ind. Arts 31b	Ele. Printing (Lab. at 12:00)	MTWTh	Ei. Half or Full Qr.	2 or 4	Bishop	G-104
Ind. Arts 32b	Inter. Printing (Lab. at 12:00)	MTWTh	Ei. Half or Full Qr.	2 or 4	Bishop	G-104
Ind. Arts 117	Elements of Machine Design I	MTWTh	Ei. Half or Full Qr.	2 or 4	Hadden	G-105
Latin 1	Beginning College Latin	MTWTh	Full Quarter	4	Crates	T-217
Math. 1	Trigonometry	MTThF	Ei. Half or Full Qr.	2 or 4	Mallory	T-210
Math. 8	The Teaching of Arithmetic	MTWTh	First Half	2	Stone	210
Math. 100a	The Teaching of Algebra	MTThF	First Half	2	Tobey	T-216
Math. 100b	Geometry for Teachers	MTThF	Second Half	2	Tobey	T-216
Math. 106	Descriptive Astronomy	MTThF	Ei. Half or Full Qr.	2 or 4	Finley	207
Mus. 1b	Sight Singing (Adv.)	Daily	First Half	3	Cline	Consv.
Mus. 2	Melody Writing	Daily	Second Half	3	Cline	Consv.
P. E. 12a	Athletic Training (Men)	MWTh	First Half	2	Cooper	T-204
P. E. 65	Tennis	MWF	Ei. Half or Full Qr.	½ or 1		Courts
P. E. 168	Track and Field Coaching	Daily	First Half	2	Hancock	Field
Physics 108	Meth. of Teaching Physics—General	MTWTh	Full Quarter	4	Valentine	HE-106
Pol. Sci. 5	Prob. of Democracy	MTWTh	Second Half	2	Dickerson	102
Psych. 2b	Educational Psychology	Daily	First Half	3	Brown	103
Psych. 115	Psychology of Jr. H. S. Child	MTWTh	Second Half	2	Pechstein	103
Psych. 214	Advanced Educational Psychology	MTWTh	Full Quarter	4	Holst	T-211
Soc. 3	Educational Sociology	MTTh	Full Quarter	3	Howerth	208
Soc. 125	Social Problems	MTW	Full Quarter	3	Binnewies	207
Spanish 131	Teaching of Spanish	MTWTh	Full Quarter	4	Du Poncet	205
Spanish 235	Graduate Course	MTWTh	Full Quarter	4	Du Poncet	205
Zool. 107	Entomology (Lab. 2:00-4:00 T.)	MTThF	Full Quarter	4	Harrah	303

VI. 12:00 to 12:50

Art 4b	Design	MTWTh	Ei. Half or Full Qr.	2 or 4	Dement	G-203
Art 7	Constructive Design	MTWF	Ei. Half or Full Qr.	2 or 4	Baker	G-204
Art 13	Indus. Art Methods—Primary	MTThF	Ei. Half or Full Qr.	2 or 4	Klee	G-300

Time and Cat. No.	Description	Days	May Be Taken for Credit	Qr. Hrs.	Teacher	Room
Biol. 1	Ed. Biol. (Must be taken at 7:00 also)	MTWTF	Either Half		Abbott	303
C. E. 13	Principles of Typewriting III	MTW	Full Quarter	3	Knies	213
C. E. 14	Methods of Teaching Typewriting	ThF	Second Half	1	Knies	213
C. E. 36	Handwriting Methods	MTWTh	Ei. Half or Full Qr.	1 or 2	Huchingson	214
C. E. 105	Secretarial Practice II	TWThF	Full Quarter	4	Merriman	212
Ed. 1	Introduction to Education	MTW	Full Quarter	3	Hunt	203
Ed. 3	Primary Methods	MTThF	Ei. Half or Full Qr.	2 or 4	Rosenquist	T-9
Ed. 19	Parent-Teacher Education	TW	First Half	1	Dick	L-13
Ed. 105	Practical Projects—Primary	MTWTh	Ei. Half or Full Qr.	2 or 4	Hanscom	T-16
Ed. 141	Special Types of Education	MTWTh	First Half	2	Ganders	207
Ed. 151	The Pre-School	MTWTh	Ei. Half or Full Qr.	2 or 4	Lyford	T-210
Ed. 154	Recent Investigations in Ele. Ed.	MTWTh	Ei. Half or Full Qr.	2 or 4	McCowan	T-209
Ed. 224	Experimental Education	MTWTh	Ei. Half or Full Qr.	2 or 4	Whitney	T-211
Eng. 4	Speaking and Writing English	MWF	Full Quarter	3		100
Eng. 4	Speaking and Writing English	Daily	Either Half	3		T-11
Eng. 105	Oral English in the H. S.	MTWTh	Either Half	2	Randall	T-206
Eng. 130	Elizabethan Drama	MTWTh	Full Quarter	4	Oakden	100a
Eng. 150	Literary Interpretation	MTWTh	Either Half	2	Tobey	202
French 105	Advanced French	MTWTh	Full Quarter	4	Crates	T-216
Geog. 4	Regional Geography of N. A.	MTThF	Ei. Half or Full Qr.	2 or 4	Barker	101
Geog. 7	Business Geography	MTThF	Ei. Half or Full Qr.	2 or 4	Permenter	104
H. A. 112	Home Decoration (Open to all)	MTWTF	Full Quarter	4	Wiebking	HE-304
H. Sci. 105	Child Care (Any Sr. Coll. Students)	MTThF	Either Half	2	Roudebush	HE-304
Hyg. & P. E. 12	First Aid	Daily	Either Half	2		1
Ind. Arts 142a	Adv. Bkdg. and Leather Craft	MTWTh	Full Quarter	2	Schaefer	G-100
Ind. Arts 144	Shop Management (On demand)	MTWTh	Full Quarter	2	Schaefer	G-100
Ind. Arts 145	Secretarial Sci. in Bkdg. (On demand)	MTWTh	Full Quarter	4	Schaefer	G-100
Ind. Arts 201	Seminar (On demand)	Arrange	Ei. Half or Full Qr.	2 or 4	Hadden	G-105
Math. 108	Teaching of Jr. H. S. Math.	MTThF	Second Half	2	Mallory	T-13
Mus. 10	Primary Grade Methods	Daily	First Half	3	Roesner	T-12
Mus. 11	Intermediate Grade Methods	Daily	Second Half	3	Roesner	T-12
Psych. 1	Child Hygiene	MTWTF	Full Quarter	4	Hamill	L-1
Psych. 2b	Educational Psychology	Daily	Either Half	3	Holst	103
Psych. 106a	Indirect Teaching	MTWTh	First Half	2	Brown	102
Psych. 114	Psychology of Kg.-Primary Child	MTWTh	Second Half	2	Pechstein	102

Time and Cat. No.	Description	Days	May Be Taken for Credit	Qr. Hrs.	Teacher	Room
Psych. 212	Statistical Methods	MTThF	Full Quarter	4	Gamble	205
Soc. 105	Principles of Sociology	MTWTh	Full Quarter	4	Binnewies	208
Zool. 101	Inv. Zoology (Lab. M. F. 2:00-4.00)	MTThF	Full Quarter	4	Harrah	304

VII. 2:00 to 2:50

Art 108	Pottery	MTWTh	Full Quarter	4	Lowe	G-204
Art 115	Pottery and Glazing	WTh	Full Quarter	2	Lowe	G-204
Ed. 16	Campfire Leadership—Ele.	MW	Either Half	1	Turner	T-12
Ed. 16a	Campfire Leadership—Adv.	TTh	Either Half	1	Turner	T-12
Ed. 17	Training of Boy Scout Masters	MW	First Half	1	Moore	T-13
Ed. 100a	Problems of Education	MTWTh	Ei. Half or Full Qr.	2 or 4		Little Theater

FORTY SPECIAL TEACHERS

Ed. 165	Bible Study—Old Testament	MW	First Half	1	Wilson	100
Ed. 166	Bible Study—New Testament	MW	Second Half	1	Wilson	100
Ed. 223	Research in Education	MTW	Full Quarter	3	Whitney	T-16
Hist. 5	Early European History	MTWTh	Full Quarter	4	Permenter	104
H. A. 108	Costume Design (Open to all)	MTWTh	Ei. Half or Full Qr.	2 or 4	Roudebush	HE-301
H. Sci. 3	Cookery and Serving (Double Pd.)	MTWTh	Full Quarter	4	Pickett	HE-202
H. Econ. 201	The Home	MTWTh	Full Quarter	4	Roudebush	HE-301
Hyg. 108	Educ. Hygiene (Men and Women)	Daily	Either Half	3	Long	1
Mus. 125	Appreciation of Opera	MTWTh	First Half	2	Southard	Consv.
P. E. 53	Gymnastics	Daily	Either Half	2		Gym
Physics 103	Radio Reception and Trans. Theory	MTWTh	Full Quarter	4	Valentine	HE-106
Pol. Sci. 101	American Diplomacy	MTWTh	Full Quarter	4	Dickerson	202

VIII. 3:00 to 3:50

Ed. 100c	Unit Courses in Education	MTWTh				
	1. School House Construction	Ju. 16-24		1	Strayer	
	2. Individual Instruction	Ju. 28-Jul. 8		1	Washburne	
	3. Contem. Ed. in England	Jul. 12-22		1	Raymont	Little Thtre
	4. The Six Year H. S. Plan	Jl. 26-Ag. 5		1	Foster	
	5. Character Education	Aug. 9-16		1	Pechstein	

Time and Cat. No.	Description	Days	May Be Taken for Credit	Qr. Hrs.	Teacher	Room
Ed. 168	Religious Education	MTWTh	Ei. Half or Full Qr.	2 or 4	Wilson	100
Hyg. & P. E. 101	Physiology	Daily	First Half	3	Long	1
Hyg. & P. E. 101a	Physiology of Exercise	Daily	Second Half	3	Long	1
Mus. 43	Advanced Orchestra	MW	Full Quarter	1	Thomas	Consv.
Mus. 44	Advanced Band	TTh	Full Quarter	1	Thomas	Consv.
P. E. 50	Characteristic Dancing	MTWTh	Second Half	2	Keyes	6
P. E. 64c	Athletics for Women (Hockey, etc.)	Daily	Either Half	2		Field
P. E. 65	Tennis	MWTh	Ei. Half or Full Qr.	½ or 1	Lehan	Courts
Physics 11	Mechanics (Lab. by Appt.)	MW	Full Quarter	3	Valentine	HE-106

IX. 4:00 to 4:50

Book Reviews—No Credit—Little Theatre—Special Teachers and Lecturers. MTWTh

Mus. 101	Chorus	TTh	Full Quarter	1	Cline	Consv.
P. E. 57	Folk and National Dancing	MTTh	Ei. Half or Full Qr.	½ or 1	Keyes	6
P. E. 64b	Athletics for Women (Basketball, etc.)	Daily	Either Half	2		Gym
P. E. 65	Tennis	MWTh	Ei. Half or Full Qr.	½ or 1	Lehan	Courts
P. E. 167	Coaching Practice	Daily	Ei. Half or Full Qr.	2 or 4	Long	Field

X. 5:00 to 5:50

P. E. 65	Tennis	MWTh	Ei. Half or Full Qr.	½ or 1	Lehan	Courts
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XI. 7:00 to 8:00 P. M.

EVENING LECTURE COURSE—NO CREDIT—REQUIRED OF ALL.

TEXT-BOOKS

The following list of text-books used in the courses offered is given for the convenience of prospective students. Text-books may be obtained in the College bookroom.

Art

- Art 1 and 2. Sargent & Miller, How Children Learn to Draw.
Art 9. Reinach, Apollo.
Art 13 and 14. Sargent, Fine and Industrial Arts for Elementary Schools.

Biology

- Zoology 5. Reed, Western Bird Guide.
Zoology 101. Van Cleave, Vertebrate Zoology.
Zoology 107. Comstock, Introduction to Entomology (Complete Ed.).
Biology 1. Burlingame, Heath, Martin and Pierce, General Biology.
Botany 1. Holman & Robbins, Textbook of General Botany.
Botany 103. Coulter, Barnes & Cowles, Textbook of Botany (Pt. II).
Biotics 101. Popenoe & Johnson, Applied Eugenics.
Elementary Science 1. Downing, Our Living World.
Bacteriology 1. Buchanan, Bacteriology.

Chemistry

- Chemistry 1, 2, 3, 4, 5, 6. Newell, Inorganic Chemistry for Colleges; Noyes & Hopkins, Laboratory Exercises in Chemistry.
Chemistry 108, 109, 110, 111. Remsen & Orndorff, Organic Chemistry; W. R. Orndorff, Lab. Manual of Organic Chemistry.
Chemistry 112-113. Vulte, Household Chemistry.
Chemistry 7. W. W. Scott, Qualitative Analysis.
Chemistry 114. Popoff, Quantitative Analysis.

Commercial Education

- C. E. 1, 2, 3. Gregg Shorthand Manual; Gregg Speed Studies.
C. E. 11, 12, and 13. Weise-Coover; Gregg, New Rational.
C. E. 15. Babenroth, Modern Business English.
C. E. 36. Palmer, Method Manual; Zaner, Method Manual.
C. E. 37. Business Mathematics, Smith's Arithmetic of Business.
C. E. 38. Commercial Law I, Elements of Business Law, Huffcut-Bogert.
C. E. 50. Kester, Accounting Theory and Practice.
C. E. 51. Kester, Accounting Theory and Practice.
C. E. 105. Gregg & Hagar, Secretarial Studies.
C. E. 144. Conyngton, Business Law.
C. E. 150. Harris, Practical Banking; Kniffin, The American Bank; Twentieth Century Laboratory Material.
C. E. 157. Jay W. Miller, The Teaching of Commercial Subjects.

Education

- Ed. 1. Frasier & Armentrout, Introduction to Education.
Ed. 3. Penell & Cusack, How to Teach Reading; Moore, The Primary School.
Ed. 4. Phillips, Modern Methods and the Elementary Curriculum.
Ed. 5. Parker, Methods of Teaching in the Elementary School.
Ed. 10. Bonser, Elementary School Curriculum; Department of Superintendence, N. E. A., Third Yearbook.
Ed. 15. Procter, Educational Guidance.
Ed. 20. Widtsoe, Western Agriculture.
Ed. 21. Pittman, Problems of the Rural Teacher.
Ed. 23. Ells, Moeller & Swain, Rural School Management.
Ed. 24. MacGarr, The Rural Community.
Ed. 28. Davis, School and Home Gardens.
Ed. 51. International Kindergarten Union, Selected List of Poetry and Stories; Sies, Spontaneous and Supervised Plays and games.
Ed. 52. Lyford, Textbook for Training Kindergartners.
Ed. 101. Colvin, An Introduction to High School Teaching; Waples, Procedures in High School Teaching.
Ed. 104. Stevenson, Project Method of Teaching.
Ed. 106. Parker, Types of Teaching and Learning.
Ed. 107. University of Chicago, Supplementary Monograph, Summary of Investigations on Reading; National Society for the Study of Education, Twenty-fourth Yearbook, Part I.
Ed. 108. Nutt or Burton, Supervision of Instruction.
Ed. 110. National Society for the Study of Education, Twenty-fifth Yearbook, Part II.

- Ed. 112. Strayer & Engelhardt, Standards for City School Buildings, Standards for Elementary School Buildings, Standards for High School Buildings.
Ed. 113. Briggs, The Junior High School; Davis, Junior High School Education.
Ed. 115. Cubberly, The Principal and His School.
Ed. 116. Belting, The Community and Its High School.
Ed. 120. Case, Handbook of Expenditures, C. F. Williams & Sons, Albany; Pittinger, An Introduction to School Finance.
Ed. 125. O. G. Brinn, Rural Education.
Ed. 126. Collins, An Experiment With a Project Curriculum.
Ed. 133. Cubberley, History of Education (large edition).
Ed. 134. Cubberly, Public Education in the United States.
Ed. 142. Strayer & Engelhardt, Problems in Educational Administration.
Ed. 144. Miller & Charles, Publicity and Public Schools.
Ed. 150. Kilpatrick, Foundations of Method.
Ed. 151. Cleveland, Training the Toddler.
Ed. 152. Parker-Temple, Unified Kindergarten-First Grade Education.
Ed. 154. Third Yearbook, Department of Superintendence, N. E. A.
Ed. 210. Bobbitt, The Curriculum; Department of Superintendence, N. E. A., Third Yearbook.
Ed. 211. Bode, Fundamentals of Education.
Ed. 213. Smith, The Junior High School.
Ed. 216. Uhl, Principles of Secondary Education.

Geography

- Geog. 7. Huntington & Williams, Business Geography; Goode's School Atlas.
Geog. 8. Hadden, Races of Men and Their Distribution.
Geog. 12. Holtz, Principles and Methods of Teaching Geography.

History

- History 1. Greene, Foundation of American Nationality.
History 4. Turner, Rise of the New West.
History 5. Hoyes, Political and Social History of Europe.
History 10. Lippincott, Economics and Social History of the United States.
History 3. Paxson, Recent History of the United States.
History 117. Tryon, Teaching of History in Junior and Senior High Schools.
Political Science 101. Adams, History of the Foreign Policy of the United States.

Literature and English

- English 15. Watt & Munn, Ideas and Forms in English and American Literature.
English 11. Cross, Modern English, Fundamentals in English.
English 105, 106, and 2. U. S. Bulletin 1917, No. 2.
English 6. Newcomber & Andrews, Three Centuries of American Poetry and Prose.
English 102a. Bastian, Editing The Day's News.
English 20. Lathrop, Freshman Composition.
English 31. Cross, The Short Story.
English 109. Bayard Taylor, Goethe's Faust.
English 130. Six Elizabethan Plays, The World's Classics.
English 121. Poems of Wordsworth, Coleridge, Shelley, Keats.

Mathematics

- Math. 1. Smith, Solid Geometry.
Math. 2. Rothrock, Trigonometry.
Math. 5 and 6. Reitz and Crathorne, Introduction to College Algebra.
Math. 7. Smith and Gale, Analytics.
Math. 101 and 112. Granville, Calculus.
Math. 201. Murray, Differential Equations.
Math. 106. Moulton, Astronomy.

Music

- Music 1. McLaughlin & Gilcrest, Song Reader.
Music 3. Preston Ware Orem, Harmony.
Music 20. Topper-Goetscheus, Essentials in Music History.
Music 103. Francis York, Counterpoint.
Music 107. Topper-Goetscheus, Musical Form.

Physics

- Physics 1 and 2. Hadley, Everyday Physics, and Millikan, Gale & Bishop's Laboratory Physics.
Physics 11. Millikan's Mechanics, Molecular Physics and Heat, and Stewart's College Physics.
Physics 14. Millikan & Mills' Electricity, Sound and Light, and Stewart's College Physics.
Physics 15. Berthoud's The New Theories of Matter and the Atom.
Physics 16. Rusk's How to Teach Physics.
Physics 1 and 2. Black & Davis, Physics; Black's Manual.
Physics 11. Millikan's Mechanics, Molecular Physics and Heat.
Physics 103. J. S. Thomas, Fundamentals of Radio.

Psychology

- Psych. 1. Terman, Hygiene of School Child.
Psych. 2a. Freeman, How Children Learn.
Psych. 2b. Gates, Psychology for Students of Education.
Psych. 104. Freeman, Psychology of Common Branches.
Psych. 105. Judd, Psychology of High School Subjects.
Psych. 107. Terman, Measurement of the Intelligence.
Psych. 108a. Monroe, DeVoss & Kelley, Educational Tests and Measurements (Revised).
Psych. 108b. Same text as for 108a.
Psych. 110. Woodworth, Psychology, A Study of Mental Life.
Psych. 212. Otis, Statistical Method in Educational Measurements.
Psych. 214. Thorndike, Educational Psychology, Part II, Psychology of Learning.
Psych. 215. Monroe's Theory of Educational Tests and Measurements.

Romance Languages

- Spanish 1. Wagner's Spanish Grammar.
Spanish 5. Johnson's Cuentos Mexicanos.
Spanish 105. La Malquerida, Benavente.
Spanish 131. Palmer's The Teaching of Modern Languages.
French 1. Camerlynck's France.
French 5. Hathaway's Modern French Stories.
French 105. Corneille's Le Cid.
Latin 105. Horace's Odes.
German 1. Manfred's Ein Praktischer Anfang.

Sociology

- Sociology 3. Howerth, The Art of Education, also Syllabus, Introduction to Social Science.
Sociology 18. Galpin, Rural Social Problems.
Sociology 101. Wilder, Man's Prehistoric Past.
Sociology 102. Wissler, The American Indian.
Sociology 105. Ross, Outlines of Sociology.
Sociology 110. Johnson, Introduction to Economics.



A guide to Greeley, showing the streets and their relation to the College. Student securing rooms within the area shown will be within walking distance of the College.

THE CALENDAR

FOR THE SUMMER QUARTER

1926

June 15—Tuesday.Registration Day for the Summer Quarter

June 16—Wednesday.Classes begin

A fee of two dollars is collected for late registration, after Tuesday, June 15.

July 21—Wednesday.The first half of the Summer Quarter closes

Students, if possible, should enroll June 15 for the full quarter, but they have the privilege of enrolling for either 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 22—Thursday.New Enrollment for the second half Quarter
Classes begin*

*Aug. 26—Thursday.The Summer Quarter closes
Graduation Day*
