

COLORADO STATE TEACHERS COLLEGE

BULLETIN



SUMMER QUARTER

June 16 -- August 27
1925

GREELEY, COLORADO

SERIES XXIV

NUMBER 10

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. 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 13, 14, 15, 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 page 2, on the reverse side of the title page.

EVENING LECTURES AND SPECIAL LECTURE COURSES

See the notice concerning the afternoon and evening lectures under "The Daily Program," page 17.

COLORADO STATE TEACHERS COLLEGE

BULLETIN

Summer Quarter

1925

THE QUARTER

June 16-August 27

First Half
June 16-July 22

Second Half
July 23-August 27

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.

APPLICATION FOR REGISTRATION BY MAIL

Applications by mail for admission to the Summer Quarter will be received between May 1 and May 25 only. The Summer Quarter is divided into halves, but all students are urged to remain the full quarter, which begins on June 16 and ends on August 27.

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 pages 13, 14 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.

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

Permanent Address

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

Date....., 1925.

Remove this page and mail to the Registrar, Colorado State Teachers 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 for each will not be given out until the opening date of permanent registration. Whether the student registers by mail or on June 16, 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.

Class tickets are used where 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 between May 1 and May 25 only. 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 16. 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 16. 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 Thursday, June 18, the opening date of permanent registration, do so. Permanent registration, which includes payment of fees, will be conducted through the offices in the Administration Building on the following dates; June 18, 19, 22, 23, and 24.

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 16. Transfer to the permanent blanks must be completed by 5:00 P. M., Wednesday, June 24, 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.

FACULTY

- GEORGE WILLARD FRASIER, A.B., A.M., Ph.D., President.
- WINFIELD DOCKERY ARMENTROUT, A.B., A.M., Professor of Education
Director of Training Schools.
- GRACE MAY BAKER, Professor of Fine Arts.
- GEORGE ALEXANDER BARKER, B.S., M.S., Professor of Geology, Geography,
and Physiography.
- SAMUEL CLAY BEDINGER, LL.B., Assistant Professor of Commercial Education.
- JOHN RANDOLPH BELL, Pd.B., A.M., Litt.D., Director of Extension Service.
- WILFRED GEORGE BINNEWIES, A.B., A.M., Assistant Professor of Sociology.
- RALPH THOMAS BISHOP, A.B., Associate Professor of Industrial Arts.
- HAROLD GRANVILLE BLUE, A.B., Professor of Secondary Education, Principal
of Teachers College High School.
- LESTER WELLS BOARDMAN, A.B., A.M., Professor of Literature and English.
- WILLIAM GRAY BOWERS, B.S., A.M., Ph.D., Professor of Chemistry.
- MARGARET ELIZABETH BRYSON, M.D., Medical Adviser of Women.
- ALBERT FRANK CARTER, A.B., M.S., Professor of Library Science, College
Librarian.
- ABIGAIL CASEY, A.B., B.L.I., Assistant Professor of Oral English.
- JEAN CAVE, B.S., Associate Professor of Physical Education.
- J. ELBERT CHADWICK, Instructor in Piano and Organ.
- ELIZABETH CLASBEY, A.B., Assistant Professor of Household Science.
- J. DEFOREST CLINE, Professor of Public School Music, Director of the Conservatory of Music.
- AMBROSE OWEN COLVIN, B.C.S., Professor of Commercial Education.
- GEORGE EDWIN COOPER, Pd.B., Pd.M., Associate Professor of Hygiene and
Physical Education.
- HARVE JAMES COTTLE, A.B., A.M., Acting Assistant Professor of Biology.
- ETHAN ALLEN CROSS, A.B., A.M., Ph.D., Dean of the College.
- LILLIAN GRACE CUSHMAN, Pd.B., Assistant Librarian, Instructor in Library
Science.
- HELEN CALDWELL DAVIS, A.B., A.M., Associate Professor of Elementary
Education.
- LUCY DELBRIDGE, Pd.B., Instructor in Violin.
- OLIVER MORTON DICKERSON, A.B., A.M., Ph.D., Professor of History and
Political Science.
- ETHEL TURNER DULIN, B.S., Assistant Professor of Primary Education.

- EDWIN STANTON DU PONCET, A.B., D.D., Ph.D., Professor of Romance Languages.
- GEORGE WILLIAM FINLEY, B.S., M.S., Professor of Mathematics.
- FREDRIC LINDER FITZPATRICK, A.B., M.S., Ph.D., Associate Professor of Biology, Curator of the Museum.
- CHARLES MEADE FOULK, Pd.B., Pd.M., Professor of Industrial Arts.
- HARRY STANLEY GANDERS, B.Ed., A.M., Professor of Education.
- ELLEN LOUISE GOEBEL, A.B., A.M., Assistant Professor of Secondary Foreign Languages.
- ELLA FRANCES HACKMAN, B.S., Assistant Professor of Elementary Education.
- SAMUEL MILO HADDEN, Pd.B., A.B., A.M., Professor of Industrial Education, Dean of Practical Arts.
- GRACE HAMILL, A.B., A.M., Associate Professor of Educational Psychology.
- WILLIAM HENRY HARGROVE, Pd.B., B.S., Professor of Rural and Agricultural Education.
- JOSEPHINE MARY HAWES, A.B., A.M., Associate Professor of Secondary English.
- JACOB DANIEL HEILMAN, A.B., B.E., M.E., Ph.D., Professor of Educational Psychology.
- *FRED LOUIS HERMAN, B.S., Assistant Professor of Secondary Science.
- RAYMOND LEROY HILL, Assistant Professor of Fine Arts.
- MAY HOGAN, A.B., A.M., Assistant Professor of Secondary English.
- IRA WOODS HOWERTH, A.B., A.M., Ph.D., Professor of Sociology and Economics.
- BLANCHE BENNETT HUGHES, Instructor in Piano.
- FRANK COVERT JEAN, A.B., A.M., Professor of Biology.
- MABEL HANCOCK JEAN, A.B., A.M., Associate Professor of Household Science.
- ELIZABETH HAYS KENDEL, Pd.B., Pd.M., A.M., Associate Professor of Secondary Mathematics.
- MARGARET JOY KEYES, A.B., Associate Professor of Physical Education.
- EVA MAY KLEE, A.B., A.M., Acting Assistant Professor of Fine Arts.
- WINFIELD LEROY KNIES, A.B., Assistant Professor of Commercial Education.
- EDWIN WINSLOW KNOWLES, M.D., Medical Adviser of Men.
- ELLEN GERTRUDE LEE, Director of Camp Fire Training.
- ROYCE REED LONG, A.B., Professor of Physical Education.
- FLORENCE LOWE, Pd.B., Pd.M., A.B., Assistant Professor of Fine Arts.
- GENEVIEVE L. LYFORD, B.S., A.M., Associate Professor of Kindergarten Education.

*On leave.

- ARTHUR ERNEST MALLORY, A.B., A.M., Associate Professor of Secondary Mathematics.
- ANNIE MCCOWEN, A.B., B.S., A.M., Associate Professor of Elementary Education.
- LUCY NEELY McLANE, A.B., B.L.I., Associate Professor of Secondary English.
- VIVIEN MERRIMAN, A.B., A.M. Assistant Professor of Commercial Education.
- SONORA TULENA METZKER, B.S., M.S., Associate Professor of Secondary Social Science.
- ROBERT HUGH MORRISON, A.B., Assistant Director of Extension Division, Executive Secretary of Placement Bureau.
- *A. EVELYN NEWMAN, A.B., Ph.B., A.M., Professor of Sociology, Dean of Women.
- LESTER EDWIN OPP, Mus.B., Assistant Professor of Music.
- IVAREŽ BEIL OPP, Instructor in Music.
- LOUIS KOSSUTH OPPITZ, A.B., A.M., Ph.D., Professor of Physics.
- WILLIAM BIDWELL PAGE, M.D., Library Assistant.
- ORA BROOKS PEAKE, A.B., A.M., Associate Professor of Secondary History.
- *ETHEL BLANCHE PICKETT, B.S., Associate Professor of Household Science.
- HEDWIG ELIZABETH RÖESNER, A.B., B.Mus., Associate Professor of Public School Music.
- LUCY LYNDE ROSENQUIST, Ph.B., B.S., Assistant Professor of Primary Education.
- MARGARET MOORE ROUDEBUSH, A.B., Ph.B., Professor of Home Economics.
- EARLE UNDERWOOD RUGG, A.B., A.M., Ph.D., Professor of Education.
- OTTO WILLIAM SCHAEFER, Associate Professor of Industrial Arts.
- JOHN HENRY SHAW, Instructor in Journalism, Editor of Official Publications.
- EDITH STEPHENS, A.B., Library Assistant.
- CORA MAY THOMAS, Library Assistant, Cataloger and Classifier.
- JAMES J. THOMAS, A.C.M., Assistant Professor of Music.
- MARIAN THOMPSON, A.B., Assistant Professor of Secondary Social Sciences and Geography.
- FRANCES TOBEY, B.S., A.B., Professor of English.
- SUSAN HART VAN METER, B.S., Assistant Professor of Elementary Education.
- EDWARD IRL VARVEL, Pd.B., D.D.S., Dental Examiner.
- FREDERICK LAMSON WHITNEY, Ed.B., Ph.B., A.M., Ph.D., Director of Educational Research.
- EDITH GALE WIEBKING, A.B., Associate Professor of Household Arts.
- GRACE HANNAH WILSON, Pd.B., A.B., Assistant Professor of Education, Director of Religious Activities.

*On leave.

SPECIAL FACULTY AND GENERAL LECTURERS

SUMMER QUARTER, 1925

Here is a partial list of eminent educators and lecturers made up at the time the Summer Bulletin went to press. The complete list is one of the attractive features of the Summer Quarter. It furnishes an opportunity to come into personal contact with national leaders in physical science, economics, sociology, and other fields of thought in addition to education.

DOCTOR EDWIN E. SLOSSON, Scientist; Director of Science Service, Washington, D. C. Author, Editor, and Lecturer of note; Former literary editor of "The Independent." Lecturer.

DOCTOR WILLIAM STARR MYERS, Professor of Politics, Princeton University. Author of "Socialism and American Ideals" and other works and articles on History and Political Science. Lecturer.

DOCTOR HARRY LAIDLER, Social Economist; Director of the League for Industrial Democracy; Chairman of the Labor Research Department of the Federal Council of Churches; Author and Lecturer on Social and Labor subjects. Lecturer.

MR. RAYMOND ROBINS, Social Economist; Lawyer and noted Civic worker; Industrial expert and strike arbiter. Lecturer.

DOCTOR GEORGE E. RAIGUEL, Physician and Lecturer on History and Politics; Staff Lecturer on International Politics for the American Society for University Teaching. Lecturer.

DOCTOR WILLIAM MATHER LEWIS, President George Washington University; Author and Lecturer on Economic questions. Lecturer.

PROFESSOR ELLA VICTORIA DOBBS, Associate Professor of Industrial Arts, University of Missouri, and President of The Missouri State Teachers Association. Lecturer.

DOCTOR EDWARD HOWARD GRIGGS, Author and Lecturer on Literature and Philosophy. Lecturer.

PROFESSOR SARAH M. STURTEVANT, Assistant Professor of Education, Teachers College, Columbia University; Expert on Extra Curricular Activities in high schools and courses for deans of women and advisers of girls in high schools; Author of several books on the subject. Lecturer.

DOCTOR HENRY HARAP, Member of the faculty of Cleveland School of Education; Expert in Practical Arts. Courses in Education.

DOCTOR N. L. ENGELHARDT, Professor of Education, Teachers College, Columbia University; Specialist in Educational Administration. Lecturer and courses in Education.

DOCTOR HAROLD RUGG, Professor of Education, Teachers College, Columbia University; Educational Psychologist; Curriculum Expert in the Social Sciences. Courses in Education.

- DOCTOR JOHN R. CLARK, Lincoln School, Teachers College, Columbia University; Expert in Mathematics. Courses in Education and Mathematics.
- MRS. I. ODENWALD UNGER, Sociologist, Author and Teacher. Former student of Lester F. Ward, and translator of his works. Lecturer and courses in Sociology.
- DOCTOR EDWARD RYNEARSON, Principal Fifth Avenue High School, Pittsburgh, Pennsylvania; Author, Lecturer and Teacher on Biology and specialist in Vocational and Educational Guidance. Courses in Education.
- DOCTOR CARLETON W. WASHBURN, Superintendent of Schools, Winnetka, Illinois; Expert in the field of Individual Instruction. Courses in Education.
- DOCTOR HENRY C. PEARSON, Professor of Education, Teachers College, Columbia University, Principal of the Horace Mann School; Author of textbooks in the field of English and Latin. Courses in Education.
- PROFESSOR LUCIA WILLIAMS DEMENT, Department of Fine Arts, Teachers College, Columbia University. Courses in Art.
- MR. A. L. THRELKELD, Deputy Superintendent of Schools, Denver, Colorado; Specialist in Public School Curriculum Work. Courses in Education.
- MR. H. GRAHAM DUBOIS, Professor of English, Newark, New Jersey; Poet and Short Story Writer. Courses in English.
- DOCTOR SAMUEL B. HARDING, Head of Department of History, University of Minnesota; Author, Lecturer and Teacher in Historical Subjects. Courses in History and Political Science.
- DOCTOR JESSE H. NEWLON, President National Education Association, Superintendent of Schools, Denver, Colorado. Lecturer.
- MR. JAMES H. RISLEY, Superintendent of Schools, Pueblo, Colorado. Classes in Education.
- MR. PERCY RECTOR STEPHENS, Celebrated Soloist, New York City. Special classes in Voice Demonstration.
- MISS JEANETTE VREELAND, Noted Soprano. Concert.
- MR. J. R. BARTON, Superintendent of Schools, Okmulgee, Oklahoma; Specialist in School Organization. Courses in Education.
- MR. O. D. WYATT, Principal E. M. Daggett School, Fort Worth, Texas. Courses in Education.
- MR. HOWARD H. JONES, Celebrated Athletic Coach, University of Southern California. Courses in Coaching.
- MR. G. O. CLOUGH, Superintendent of Schools, Tyler, Texas. Courses in Education.
- DR. KIMBALL YOUNG, University of Oregon. Courses in Psychology.

THE SUMMER QUARTER, 1925

To keep pace with the increased attendance for the Summer Quarter and the recognized advanced standing of Colorado State Teachers College as a professional institution, the administration has increased all previous efforts in planning its program for the Summer School of 1925.

Thoroughly awake to the tremendous problems in education, the administration has combed the United States for the foremost men and women in their respective fields to augment the present regular large faculty of the College. As a result of these efforts, there has been gathered a special faculty of fifty, who will serve the Summer School in addition to the regular faculty. The regular faculty numbers one hundred and five members.

As was done last year, careful attention has been given to the arrangement of the Summer Quarter courses to the end that students may complete the core subjects of the two-year course in either half. This will be found to be of extraordinary advantage to those students who find it impossible to spend full time in the Summer School. It should be remembered, however, that the College authorities advise all who can do so to remain for the full quarter.

At the same time careful attention has been given to the convenience of the students, and the closing date of the quarter is fixed so that students who spend the full time in the Summer School will be able to reach their homes in ample time to take up their work with the opening of their schools in September.

TWENTY-SIX HUNDRED STUDENTS ENROLLED

Beginning with a small group of students, less than 200, and a small faculty group in 1905, the Summer School at Colorado State Teachers College has grown to mammoth proportions from the standpoint of students enrolled, faculty engaged, and work covered. In the Summer Quarter last year there were 2597 active college students enrolled.

Seven years ago the Summer Quarter was placed on an academic level with the other quarters of the College year, and at the same time the College entered upon the four-quarter year. Since then, the College attendance has grown rapidly, evidencing the popularity of the change.

The character of the work furnished in the Summer Quarter has had the larger influence in attracting students, until it is now coming to be the custom for superintendents to recommend that their teachers attend Summer School at Colorado State Teachers College, at Greeley, and these superintendents set the example by themselves enrolling as students. Superintendents, supervisors, principals, and administrators increase in numbers on the campus at Greeley each succeeding year, and teachers come from all over the United States, and from foreign countries.

FEES 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 \$7.00, \$8.00, \$9.00, or \$10.00 a month for each student; for one student in a room \$12.00 to \$18.00.

DORMITORIES—The Dormitory Triangle provides accommodations for 114 women students. Each room is provided with two beds, with com-

plete accommodations for two students. Rooms in the dormitories cost from \$19.80 to \$27.00 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 Miss Grace Wilson, Colorado State Teachers College.

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 16. If students are prevented from arriving at that time, and will notify Miss Wilson 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 \$15.00 for a half quarter, or \$30.00 for the full quarter. Students not citizens of Colorado pay an additional fee of \$5.00 for the full 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 16, and the other, July 23.

BOOKS—New books may be bought from the College book room.

Students may check towels from the book room 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 | \$ 25.00 |
| Board | 70.00 |
| College Fees | 30.00 |
| Books and Supplies | 10.00 |
| Total | <u>\$135.00</u> |

LOCATION OF THE COLLEGE

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—4567 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 and 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.

BUILDINGS AND EQUIPMENT

Profiting by a continuing appropriation for building purposes made by the General Assembly of the State some time ago, the College has been able to add from time to time new buildings, a condition which is very fortunate, for the growth of the student body, and especially in the Summer attendance, has made more accommodations imperative. Consequently the campus is now dotted with many large buildings, imposing in appearance and serviceable in their rooming accommodations and equipment. Another large wing to the Training School building has been completed recently.

Quite naturally, the Administration Building stands out as the pivotal point of all activities. This building, a large red brick structure with red sandstone trimmings, the oldest on the campus, in addition to housing the administrative offices, contains a large number of class rooms, the Little Theatre, museums, and science laboratories, and the wireless station.

The Library, which contains 58,200 volumes, a large picture collection, and hundreds of pamphlets, is centrally located in a building of gray stone, with some beautiful stained glass windows, class mementoes. The two floors are used for library purposes. The main floor is a reading and general reference room, where are shelved many of the periodicals and reference books. On this floor also are kept reserved books, which are for special use within the building.

The basement floor contains the general book collection stacks, government publications, and unbound volumes of magazines. An automatic electric book lift operates between the floors. The volumes in the library

have been selected with special reference to needs of students in education, for teachers, and for educational research work.

In the Home Economics Building, a magnificent structure in the classic style of architecture, is housed one of the most complete laboratories for instruction in home economics in all its phases. The class rooms are large and flooded with light. In the basement of this building is located the College cafeteria which serves students at cost.

Guggenheim Hall of Industrial Arts is a building similar in style of architecture to the Home Economics building. In this building students majoring in fine and applied arts get their training, while the departments of industrial arts occupy the two lower floors with complete equipment.

The Training School, a large building similar in structure to that of the Administration Building, houses a complete graded public school system, from Kindergarten to Senior High School. This building is a model in complete school plants.

The Dormitories consist of three separate houses for the accommodation of the girl students. The plans call for seven buildings on the Dormitory Triangle. The three buildings now in use provide accommodations for 114 young women. The buildings are arranged on the cottage plan. They are built of concrete and stucco, with red brick foundations, with white woodwork surmounted by green outside shutters and slate roofs. In fact, they are colonial in their general appearance. The interiors are finished in ivory woodwork, with mahogany trimmings. Each building is supplied with a large living room, with open fireplace, and attractive and comfortable wicker furniture. Each room contains two beds, and accommodations are provided for two students in a room.

The Dormitories are really the center of much student life on the campus. The buildings have been appropriately named, Decker Hall, Gordon Hall, and Belford Hall, in honor of well known clubwomen of Colorado who have shown more than ordinary interest in young women students of the state.

The Model Cottage is what its name implies, and it serves an important mission to those young women who are studying home economics.

Located alongside the Model Cottage is the Club House. Here, in a building that has won the admiration of everyone who has crossed the threshold of its inviting doors, students find the social life on the campus centered. On the spacious veranda, which extends about three sides of the building, afternoon teas are frequent, and in the evening brilliant social gatherings fill the building. There is a large music room, rooms for writing and for the private *tete-a-tete*, a well appointed dining room, and a completely equipped kitchen, showers, and the Grotto, a large play room, where dancing parties and banquets are held.

The Conservatory of Music is located in the seventeen-room brick building, formerly occupied by the President, but now furnished and equipped completely for the preparation of teachers of public school music.

The large gymnasium, a wooden structure, erected temporarily during war time, but still in use, is packed every night during the Summer Quarter by crowds to hear the special lectures. Another gymnasium is located in the basement of the Administration Building, while still another one is found in the Training School, and all of these places are in almost constant use. In addition, there is provision for outdoor gymnasium work, which is made possible the greater part of the year at Colorado State Teachers College by reason of the equable climate.

THE CAMPUS

The entire campus of forty acres is covered with velvety grass, adorned with shade trees, shrubbery and flowers, the whole combining to make a real garden spot. The campus at Colorado State Teachers College

is regarded by those who are in position to know to be one of the most attractive in the country.

During the Summer and Fall Quarters, the faculty receptions are held on the campus, when the beauties are heightened by the use of Japanese lanterns and electric lights. The commencement exercises in the Spring are also held on the campus.

In the rear of the buildings is a large playground, which covers several acres. In the southwestern portion of this playground is a general athletic field, a complete view of which is secured from a grandstand which will accommodate more than a thousand spectators. On the portion of the ground adjacent to the buildings there is a complete outdoor gymnasium. To the south of the buildings are located the tennis courts, clay and concrete, and the garden theatre.

During the Summer, courses on the organization of playgrounds will be given and demonstration of how to carry on these courses in the public schools will be made on the campus.

COLORADO STATE TEACHERS COLLEGE

FUNCTION—The purpose of the 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.

ADMISSION, CERTIFICATION, AND GRADUATION

1. ADMISSION.

Prior to the school year 1923-24, students were admitted to this institution 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 is 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 (4) units must be presented.

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

GROUP II (Required) Minimum of five (5) units must be presented.

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|---|-----|
| 3. Foreign Languages (A single unit will be accepted in one foreign language, but not in more than one). | } 5 |
| 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). | |

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

GROUP III (Elective) A maximum of six (6) units may be presented.

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|--|-----|
| 6. Music and Fine Arts | } 6 |
| 7. Commercial Arts | |
| 8. Home Economics | |
| 9. Manual Arts | |
| 10. Normal Training (Maximum of two (2) units) | |

NOTE: If more than four (4) units are presented in any special field (Nos. 6, 7, 8, 9) they will be accepted only for entrance in the same special field of work in the College.

Graduates of non-accredited high schools are required to meet the same conditions, except that a standard college entrance test is required in addition to the transcript.

Exception is made to this regulation for admission to the Summer School. See paragraph under "Important Announcement", on reverse side of front cover of this bulletin.

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 the student's 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.

II. CERTIFICATION AND GRADUATION.

Since September 1, 1921, credit has been given only for regular College work in institutions regularly 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 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 A.B. and A.M. 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 A.B. 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 college or normal school 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 normal school or college 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.

COLLEGE ENTRANCE TEST—One of the standardized college entrance tests is required once of every student working for credit in this College or for credit to be transferred elsewhere. A fee of \$1.00 is charged to cover the cost of the test and scoring. The student's score is used as a supplement to high school graduation to determine fitness for admission to the college and ability to carry college work creditably.

UNIT OF COLLEGE CREDIT—All credit toward graduation is 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. In no case are more than eighteen hours allowed.

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 one 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 20.

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

STUDENT TEACHING—Teachers who have had less than two years of College training take their student teaching in the Elementary School. Those who have had two years of College training may choose between the Elementary School and the High School, according to their own personal needs and interests. Students are required to do one quarter of Pre-Teaching Observation (Ed. 2a) and one quarter of student teaching before being granted the diploma of graduation from the two-year course. Experienced public school teachers may be excused from the one quarter of

pre-teaching observation by presenting to the Director of the Training Schools satisfactory evidence warranting such exemption.

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.

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. 100b—Reconstruction of the School Curriculum
- 3:00 to 3:50—Ed. 100a, Problems of 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 figures by reason of new plans made for the Summer Quarter this year. There will be three lecture hours in the afternoons. The first will be devoted to the subject of curriculum reconstruction, the second to present-day educational problems, and the third to book reviews. There will be a different lecturer for each period each day.

The lecturers for 1925 are up to the high standard set in previous years. A list of them will be found in the fore part of this bulletin.

Following up the success of a few book review hours given in the Summer Quarter of 1924, the College is establishing for 1925 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. The hour is from 4:00 to 4:50 P. M., four days a week.

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

ELEMENTARY SCHOOL

The Elementary Training School is a complete elementary school unit containing Kindergarten, First, Second, Third, Fourth, Fifth, and Sixth grades. In the Elementary Training School, the training teacher spends approximately one-half of her time teaching and the other half observing student teaching. The work of the student teacher consists of observation, supervision, and teaching under the direction of the training teacher.

SECONDARY SCHOOL

The primary function of the Secondary Training School is to train that group of teachers who intend to enter the field of secondary education. Teachers College High School, the Secondary Training School of Colorado State Teachers College, is founded upon the theory that the highest educational interests of high school pupils and the highest professional interests of prospective high school teachers are largely identical and involve no serious inconsistency. The Secondary Training School is a complete secondary school unit containing the Junior High School (grades seven, eight, and nine) and the Senior High School (grades ten, eleven, and twelve).

Student teachers spend two-fifths or more of their time in teaching under the training teacher and the remainder in observing the training teacher. Student teachers are assigned teaching in terms of problems or units. Each problem requires at least five consecutive recitations or as many more as the training teacher may think necessary. Student teaching in the secondary training school consists of teaching, observing, lesson planning, reading, and individual conferences with the training teacher.

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).

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 60 of the Year Book, 1924-25. 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 two one-hour group conferences the first and fourth Tuesdays in each month.

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 DIVISION

The College maintains an extension division 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, pages 34 and 35, explains the work of this division 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 Division. 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 in Education, 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 A.B. 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 in Education. 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 should offer among their graduate courses 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. These courses must include Ed. 210, Ed. 211, and Ed. Psych. 212 or 214, or their equivalents to be determined by the Dean of the College.

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 IN EDUCATION

1. **ADMISSION TO CANDIDACY FOR DEGREE**—Admission to graduate work does not guarantee admission to candidacy for the degree of Master of Arts in Education. 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 requisites 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 the student will be required to take a written examination upon certain books prescribed by the head of the department in which the candidate is majoring and by the heads of the departments of Education and of Educational Psychology. Such students must be given a grade above average on such examination or examinations before being admitted to candidacy for the degree.

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 in Education 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 scattered 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 in Education 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 in Education 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 Education.

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 division 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 two 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 8½ x 11 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 in Education

by

(Student's Name)

(Title of Major Department)

(Date)

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 Arts | 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 |
| Rural Schools | Physics |
| Educational Psychology | Romance Languages and Latin |
| | 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 | Music |
| Intermediate Grades | Art |
| Upper Grades | Manual Training |
| Rural | Home Economics |
| | Commercial Education |

Each student selects a department in which he expects to specialize. The head of the department selected becomes the student's permanent adviser thruout 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, Hygiene 108, Psychology 105 and 108b, and Sociology 105.

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 18, 20.

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.

BIOLOGY

In addition to the core subjects listed on page 23, this department requires:

BOTANY THE MAJOR INTEREST

First Year: Botany 1, 2, and 3.

Second Year: Zoology 4 and 5; Chemistry 1 and 2.

Third Year: Physics 1 and 2; Botany 103; Zoology 1 and 2.

Fourth Year: Biotics 101; Biology 102; Botany 101 and 102; Bacteriology 1; Geology 100.

ZOOLOGY THE MAJOR INTEREST

First Year: Zoology 1, 2, and 3.

Second Year: Botany 2; Chemistry 1 and 2; Zoology 5.

Third Year: Physics 1 and 2; Zoology 4; Botany 1 and 3.

Fourth Year: Biotics 101; Biology 102; Geology 100; Zoology 101 and 105; Botany 103.

For detailed descriptions of courses see Year Book

1. **EDUCATIONAL BIOLOGY**—Core subjects for first year students. Either half or full Quarter. Three hours. Fee 75 cents.

BOTANY

101. ADVANCED SYSTEMATIC BOTANY—First half or full Quarter. Two or four hours. Fee \$1.00.

ZOOLOGY

4. PRACTICAL ZOOLOGY—Full Quarter. Four hours. Fee 75 cents.

5. BIRD STUDY—Either half or full Quarter. Two or four hours. Fee 75 cents.

ELEMENTARY SCIENCE

1. ELEMENTARY BIOLOGICAL SCIENCE—Either half or full Quarter. Two or four hours. Fee 50 cents.

1. ELEMENTARY BIOLOGICAL SCIENCE—Field Course—Either half or full Quarter. Two or four hours. Fee 50 cents.

The subject matter of this course is the same as in the preceding, but the treatment differs. The class will meet two hours a week in Greeley. Friday and Saturday will be spent in field work at Camp Olympus in Estes Park. Each student will be required to pay \$6.00 per week (provided the individual registers for a two or a four-hour course) for transportation, and for accommodations in Estes Park, including meals and lodging. The course will be organized when twenty students desire it.

2. PROBLEMS IN NATURE STUDY—Two or four hours. By appointment.

BACTERIOLOGY

1. BACTERIA, YEASTS, AND MOLDS—Full Quarter. Four hours. Fee \$1.50.

BIOTICS

101. HEREDITY AND EUGENICS—Full Quarter. Four hours.

CHEMISTRY

The increasing importance of the applications of chemistry to the industries since the European War has led to intensified interest in this subject. More comprehensive and practical courses in chemistry are being given in the high schools than heretofore, and more chemistry is being given in connection with the courses in home economics since the realization of the magnitude of the world's food problems. Likewise, teachers of chemistry, and teachers of home economics with some knowledge of chemistry, are being demanded. It is the duty of every teacher to know something of the source, preparation, properties of foods, dyes, poisons, etc.

In the program offered in the Chemistry Department, the teacher of chemistry will find an opportunity to augment his or her knowledge of this subject. The prospective student of chemistry will find the program suited to his or her needs; and home economics students of the regular school year will be enabled to pursue one or more of the required chemistry courses.

In addition to the core subjects listed on page 23, this department requires:

First Year: Nature Study 1, Physics 1, 2, and 3, and Chemistry 4, 5, and 6.

Second Year: Botany 2, and Chemistry 7, 110, and 111.

Third Year: Zoology 1 and 2, Chemistry 113, 114, and 114b.

Fourth Year. Chemistry 115, 115b, 116, and 117.

For detailed descriptions of courses see Year Book

1. GENERAL CHEMISTRY—Full Quarter. Three hours. Fee \$3.00.
2. GENERAL CHEMISTRY—Full Quarter. Three hours. Fee \$3.00.
4. GENERAL CHEMISTRY—Full Quarter. Four hours. Fee \$4.00.
5. GENERAL CHEMISTRY—Full Quarter. Four hours. Fee \$4.00.
7. QUALITATIVE ANALYSIS—Either half or full Quarter. Two or four hours. Fee \$4.00.
108. ORGANIC CHEMISTRY—Full Quarter. Three hours. Fee \$3.00.
109. ORGANIC CHEMISTRY—Full Quarter. Three hours. Fee \$3.00.
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.
111. ORGANIC CHEMISTRY—Full Quarter. Four hours. Fee \$4.00.
Prerequisites for Courses 110 and 111 are courses 4, 5. Required of students specializing in Chemistry and of four year Home Economics students.
- 114 and 114b. QUANTITATIVE ANALYSIS—Either half or full Quarter. Two or four hours. Fee, \$4.00 per course.

COMMERCIAL EDUCATION

There is a constantly growing demand for well-trained commercial teachers from the vocational and technical schools, high schools, normal schools and colleges. Commercial courses have been or are being added to practically all the high schools over the country. The purpose of the Commercial Department is to meet this demand by offering instruction in practical courses that will prepare teachers for this special field of teaching.

In addition to the core subjects, listed on page 23, this department requires:

For teachers of Bookkeeping, Accounting, or Economics:

FIRST YEAR: C.E. 37, 38, and Geography 7.

SECOND YEAR: C.E. 50, 51, 52, and Economics 10.

THIRD YEAR: C.E. 155, 157, and History 101, Economics 110.

FOURTH YEAR: C.E. 144, 154, 158, and Economics 112.

For teachers of Secretarial Training Courses:

FIRST YEAR: C.E. 12, 13, 14, 15.

SECOND YEAR: C.E. 3, 4.

THIRD YEAR: C.E. 105, 106, 110.

FOURTH YEAR: Twelve hours of commercial education to be selected by the student.

For detailed descriptions of courses see Year Book

1. BEGINNING SHORTHAND—Full Quarter. Four hours.
11. BEGINNING TYPEWRITING—Full Quarter. No credits. Fee \$1.00.
12. INTERMEDIATE TYPEWRITING—Full Quarter. Four hours. Fee \$1.00.
13. ADVANCED TYPEWRITING—Full Quarter. Three hours. Fee \$1.00.
50. ELEMENTARY ACCOUNTING—Full Quarter. Four hours.
53. BUSINESS MATHEMATICS—First half or full Quarter. Two or four hours.
56. BEGINNING HANDWRITING AND METHODS—First half or full Quarter. One or two hours.

102. PRINCIPLES OF ACCOUNTING II—Full Quarter. Four hours.
104. SECRETARIAL PRACTICE II—Full Quarter. Four hours.
105. SECRETARIAL SCIENCE—Full Quarter. Three hours.
106. METHODS IN COMMERCIAL EDUCATION—Shorthand—Second half Quarter. One hour.
107. METHODS IN COMMERCIAL EDUCATION—Typewriting—First half Quarter. One hour.
117. OFFICE PRACTICE—Either half or full Quarter. Three or six hours.
143. COMMERCIAL LAW I—Full Quarter. Four hours.
150. BANK ACCOUNTING—Full Quarter. Three hours.
153. SALESMANSHIP AND BUSINESS EFFICIENCY—Full Quarter. Three hours.
154. BUSINESS ORGANIZATION—Full Quarter. Four hours.
155. THE ECONOMICS OF RETAILING—Full Quarter. Four hours.
157. METHODS IN COMMERCIAL EDUCATION—Full Quarter. Two hours.
220. SEMINAR IN COMMERCIAL EDUCATION—Full Quarter.

EDUCATION

The aim of the Department of Education is to help make better teachers, principals, supervisors, and superintendents. Many courses are given that are basic to all. Many other courses are highly specialized. An attempt is made to give enough general work so that every student will get a thorough foundation in the field, and enough specialized work so that he may become a specialist in some one branch. The student will find courses in the theory, the history, and the philosophy of education in which clear analysis and straight thinking are of chief concern. He will also find courses that teach definite skills. These skills vary from the making of a plan for a single lesson to the making of a curriculum or the planning of a school building.

Besides the courses taught by members of the Department, attention is also directed to other courses which visiting specialists—noted administrators, curriculum experts, and teachers—will conduct during the Summer Quarter of 1925.

Special attention is directed to Ed. 100a, Ed. 100b, Ed. 148, and Ed. 149. Ed. 100a, Problems of Education, is a course in which forty different lecturers will discuss educational topics, each of vital significance at present. Ed. 100b, Reconstruction of the School Curriculum, is a course in which recent research in the curriculum will be presented and evaluated by noted specialists. Ed. 148 and Ed. 149 are courses on Individual Instruction, illustrated by the Winnetka Experiment as organized and directed by Doctor Carleton Washburne.

In addition to the core subjects as listed on page 23, this department requires:

For Kindergarten and Primary Teachers: Ed. 3, Ed. 51, Ed. 52, Elem. Science 1, Eng. 15, Art 2, Art 13, Ind. Arts 1 (2 hrs.), Lib. Sci. 1, Music 10.

For Intermediate Teachers: Ed. 4, Elem. Science 1, English 1, Eng. 13, Eng. 15., Art 14, Geog. 12, Hist. 1, 4, or 10 (one of these courses), Lib. Sci. 1, Math. 8b, Music 11.

For Junior High School Teachers: Ed. 15, Ed. 110, Ed. 113, Elem. Science 1, Eng. 2, Eng. 15, Geog. 14, Hist. 1, 2, 4, or 10 (one of these courses), Math. 108.

For Teachers and Supervisors in Rural Schools: Ed. 3, Ed. 4, Ed. 20, Ed. 21,, Ed. 22, (substituted for Ed. 2b), Ed. 23, Eng. 1, Geog. 12, Hist. 1, 2, 3, or 10 (one of these courses), Math. 8b, Music 12.

FOR THIRD AND FOURTH YEAR STUDENTS IN EDUCATION

Majors in Elementary Education: Ed. 104, Ed. 106, Ed. 129, Ed. 134, Ed. 152, Ed. 210, Psych. 107, Biotics 101.

Superintendents Supervisors, and Principals: Ed. 104, Ed. 108, Ed. 113 or 115, Ed. 120, Ed. 129, Ed. 134, Ed. 142 or 143, Ed. 144, Ed. 147, Ed. 210, Ed. 147 or 120, Psych. 107, Biotics 101.

For detailed descriptions of courses see 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.

This course consists of two regularly scheduled observation hours each week and one conference hour. The student observes the class he is to teach for a quarter preceding his actual teaching. This quarter of pre-teaching observation gives the student an opportunity to gain an insight into the technic of teaching and the mechanics of class room management; a knowledge of the complete sequence of the subject matter of which he will teach only a part. Related readings and references in both content and method are required in this course. A student making a grade of less than "C" shall repeat the course.

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

Required of all junior college students. A full quarter of teaching carries five hours' credit, meeting five days a week with two monthly group conferences on the first and fourth Tuesday. Each student making a grade of less than "C" shall be required to repeat the course. As a prerequisite to student teaching (Ed. 2b) each student must make at least a grade of "C" in observation (Ed. 2a); pass satisfactorily an achievement test; Ed. 1, 5, and a method course. (See page 18).

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. Prerequisite, Ed. 1.

7. Now numbered Ed. 105.

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

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

51. LITERATURE, SONGS, AND GAMES FOR KINDERGARTEN AND PRIMARY CHILDREN—Either half or full Quarter. Two or four hours.

A study of classification of the different types of stories, songs, and games according to their fitness for various ages and purposes.

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

A study of the educational possibilities of the natural activities of childhood.

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 lecturer, either a member of the regular faculty or a visiting lecturer or teacher, will take up for discussion a problem of current interest and significance, a problem to which the particular lecturer has given detailed and serious study. This course attempts, therefore, to bring to interested students the results of research concerning current educational problems.

100b. RECONSTRUCTION OF THE SCHOOL CURRICULUM—Either half or full Quarter. Two or four hours. When taken for credit students must be in attendance every day and take the prescribed examination.

This course offers students an opportunity to obtain in one Summer from many noted specialists in the field of the school curriculum the results of recent scientific research and practical suggestions concerning what should be taught in the school. The lecturers in the course include: President George W. Frasier, Doctor John R. Clark, Doctor Harold Rugg, Superintendent A. L. Threlkeld, Doctor Henry Harap, Principal Henry Pearson, Superintendent Carleton W. Washburne, Doctor E. A. Cross, Doctor F. L. Whitney, Professor W. D. Armentrout, and Doctor Earle Rugg.

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. Four hours.

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

This course will deal with practical problems and projects in the work of the primary grades.

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-CURRICULA ACTIVITIES—Either half or full Quarter. One and a half or three hours.

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

This course is designed to study the underlying philosophy of education.

112. SCHOOL HOUSE CONSTRUCTION—Second half Quarter. Two hours.

This course will deal with the practical problems in the planning and building of school houses.

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.

This course is intended to meet the needs of kindergarten and primary supervisors.

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.

This course deals with budget making, taxation, financial reports, and other subjects that relate to financing the public schools. A study will also be made of cost units and financial comparisons of schools.

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—Second half. Three hours.

134. HISTORY OF EDUCATION IN THE UNITED STATES—First half. Three hours.

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

143. NATIONAL, STATE, AND COUNTY EDUCATIONAL ADMINISTRATION—Either half or full Quarter. Two or four hours.

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

147. EDUCATIONAL SURVEYS—Either half or full Quarter. Two or four hours.

148. METHODS OF TEACHING UNDER THE PLAN OF INDIVIDUAL INSTRUCTION—Second half. Two hours.

This course is intended to give the classroom teacher the technic of in-

dividual instruction, both as applied to systems where administrative conditions are favorable to this work, and as applied to systems in which some compromise is necessary. It will include both the study of materials especially prepared for individual instruction, and the adaptation of regular text books and courses of study for individual work.

149. ORGANIZATION AND ADMINISTRATION OF A SCHOOL ON THE INDIVIDUAL PLAN—Second half. Two hours.

This course is primarily for principals, superintendents, and supervisors, and has to do with the general reorganization of the school to fit individual differences. It will include in summarized form some of the material from the course on "Methods of Teaching Under the Plan of Individual Instruction", but will deal primarily with the administrative and supervisory aspects of the subject.

152. THE CHILD AND HIS SCHOOL—Either half or full Quarter. Two or four hours.

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

The purpose of this course is to show the growth, through experience, of the Hebrew mind and religion.

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

A study of the personality of Jesus and the practical application of his teachings to the life of today.

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.

This course will NOT be given Summer of 1925. Students may substitute for this Summer, Ed. 213. Problems of the Junior High School with Special Reference to the Curriculum, or Ed. 100b, Reconstruction of the School Curriculum.

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

This course will attempt to offer practical suggestions for the reorganization of the junior high school grades. The following problems, with possible solutions based upon sound educational theory, practice, and scientific method, will be discussed: how to relate and integrate the program of the junior high school with that of the elementary and senior high schools, economy of time and learning, enrichment of the curriculum, and how to organize junior high schools for effective training in citizenship. The Rugg-Schweppé program, as embodied in the Social Science Pamphlets, will be presented and applications of their experimental curriculum procedure will be made to other subjects of the junior high school. Curriculum specialists appearing in Ed. 100b will also discuss their work in the course. Opportunity will be given to observe the teaching of the Social Science Pamphlets in the Training School of the College.

216. 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 prob-

lems 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.

This is a seminar and conference course for graduate students who are working on their masters' theses. The Director of Educational Research will meet the Graduate Thesis Seminar three times each week and will confer with individual students upon appointment when necessary. In seminar, the proper technic to be used in educational investigations and allied topics are considered, and opportunity is given each student to report upon and discuss the details of his study.

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

This course will involve: names, reasoning, and induction in experimentation; four historical methods of experimental inquiry; recent methods of experimentation in education; findings in experimental schools and classes; planning an educational experiment; selection of technic; finding the subjects; relevant and irrelevant variables; experimental measurements; the statistics of experimentation; interpretation of experimental data; the reliability of conclusions reached; report and publication of the results of an experiment; thoughtful reading of experimental literature; selection, making, and scoring of tests and examinations; principles of graphic and tabular representation; classification of pupils; educational diagnosis; educational and vocational guidance.

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

242. 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

The courses of this department have been arranged with the general purpose of making the student familiar with the important contributions which psychology has made to such phases of education as school organization and administration, the aims of education, and the best means and methods of realizing these aims. The whole public school system is viewed from the standpoint of the nature and needs of the child. An attempt is made to point out what the schools should be in order to preserve the child's physical and mental health, respect his native capacities and tendencies, secure his normal development, utilize his most natural modes of learning, and promote and check up the efficiency of his responses. More specific statements of the purposes of the department are given in the descriptions of the courses.

The department offers two curricula, the one in Psychology and the other in special schools and classes. The first prepares the student to teach psychology in normal schools and high schools and to fill such positions in clinical psychology and tests and measurements as are developing in connection with public school systems. The second prepares the student to take charge of special schools and classes especially such as are de-

signed for backward and feeble-minded children. Students who elect either of these curricula are advised to take at least six courses of the curriculum of some other department.

In addition to the core subjects listed on page 23, this department requires:

FIRST YEAR: Library Science 1, and Psychology 1 and 110.

SECOND YEAR: Psychology 3.

THIRD YEAR: Psychology 104, 105, 106, 107, and 109, Biotics 102.

FOURTH YEAR: Psychology 108a, 108b, 109, 111, 113, and 212.

Students who wish to specialize in the department, but find it impossible to remain in school four years, will be permitted to elect advanced courses.

For detailed descriptions of courses see Year Book

2a. EDUCATIONAL PSYCHOLOGY—Second year. Either half Quarter. Three hours credit, five hours recitation. Required of all students.

2b. EDUCATIONAL PSYCHOLOGY—Second year. Either half Quarter. Three hours credit, five hours recitation. Required of all students.

3. CHILD DEVELOPMENT—Second year. Full Quarter. Four hours.

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

105. PSYCHOLOGY OF THE HIGH SCHOOL SUBJECTS—Third year. Either half or full Quarter. Two or four hours. Required of senior high school teachers and high school principals.

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

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

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

110. GENERAL PSYCHOLOGY—Full Quarter. Four hours.

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

113. VOCATIONAL PSYCHOLOGY—Full Quarter. Four hours.

212. STATISTICAL METHODS—Full Quarter. Four hours.

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

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

Purposes: (a) to give the student a first hand acquaintance with the experimental literature in educational psychology; (b) to develop an appreciation of psychological methods and experimental technic; (c) to give a fuller knowledge of some of the topics which are the subject matter of the elementary courses in educational psychology. Topics: a study of some of the psychological methods and experimental technic involved in the development of educational psychology; the nature and varieties of learning; decimal learning; associative learning in man; analytical learning; selective thinking and reasoning; the nature of mental functions; learning curves; the improvement of mental functions; the amount, rate, and limits of improvement; the factors and conditions of improvement; forgetting; the spread of improvement or the transfer of training; fatigue; curves of work; heredity; differences in individuals, families, sexes, and races

FINE AND APPLIED ARTS

The department of Fine and Applied Arts aims to prepare teachers to meet all the demands made upon regular teachers in public schools from the kindergarten through the high school in all branches of drawing, and to train special students to act as departmental teachers and supervisors in Fine and Applied Arts. The courses are open to all students of the College as electives. The department is well equipped. In addition to the usual material and apparatus, there is a museum of ceramics, original paintings, and reproductions and copies of masterpieces.

In addition to the core subjects as listed on page 23, this department requires:

FIRST YEAR: Art 1, 2, 3a, 4a, 14, 16, and Industrial Arts 10.

SECOND YEAR: Art 4b, 5, 6, 7, 9, 11, 12, 13, 17, and Industrial Arts 5.

THIRD YEAR: Art 100, 101, 102, 104, 108, and six hours of Art to be selected by the student.

FOURTH YEAR: Art 103, 104a, 105, and six hours of Art to be selected by the student.

For detailed descriptions of courses see Year Book

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

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

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

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 APPLIED ART IN PRIMARY GRADES—First half or full Quarter. Two or four hours. Fee \$1.50.

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

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

Prerequisite—Art 3 or equivalent.

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.

The class will meet two hours a week in Greeley. Friday and Saturday will be spent in landscape painting at Camp Olympus in Estes Park. Each student will be required to pay \$6.00 per week (provided the individual registers for a two or four-hour course) for transportation, and for accommodations in Estes Park, including meals and lodging.

This course will include a study of methods in oil painting, types, impressionism, neo-impressionism, post-impressionism, old masters, and modern. There will be a development of individual style through still-life, figure, and landscape in composition:

108. POTTERY—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

Geography is a definite science in which the super-structure of commercial and human factors is built upon the underlying climatic and geologic causes. It is from this point of view that the work of the department is given.

In addition to the core subjects as listed on page 23, this department requires:

- First Year: Geography 7 and 8, Nature Study 1, and History 10.
 Second Year: Geography 4, 5, 12, and 52.
 Third Year: Twelve hours of Geography selected by the student.
 Fourth Year: Eight hours of Geography selected by the student.

For detailed descriptions of courses see Year Book

7. BUSINESS GEOGRAPHY—Full Quarter. Four hours.
 8. HUMAN GEOGRAPHY—Full Quarter. Four hours.
 12a. METHODS IN INTERMEDIATE GEOGRAPHY—Either half Quarter. Two hours. See Geog. 12.
 14a. JUNIOR HIGH SCHOOL METHOD—Second half Quarter. Two hours. See Geog. 14.

54. GEOGRAPHY OF AFRICA—Full Quarter. Four hours.

This is a course designed for teachers who are taking up the geography of Africa. It stresses the organization and method of presentation of the subject matter and centers the study of Africa around different topics such as: (1) the Nile as a factor in Egyptian geography and history; (2) effect of water falls on African development; (3) the white men in South Africa; and (4) the Cape to Cairo Railway.

102. MOUNTAIN PHYSIOGRAPHY—Either half or full Quarter. Two or four hours.

This course will cover the ordinary work given in Geog. 2, but so far as possible from the field viewpoint.

The course will be held Monday and Tuesday in Greeley, and Friday and Saturday in Estes Park. The arrangement makes possible the use of the Rocky Mountain National Park as a laboratory of vast resources for field study, and the Library and Museum of the College for reference purposes and as a means of investigating those subjects that do not fall within the range of the field activities. Each student will be required to pay \$6.00 per week (provided the individual registers for a two or a four-hour course) for transportation and accommodations, meals, and lodging in Estes Park.

HISTORY AND POLITICAL SCIENCE

In addition to the core subjects listed on page 23, this department requires:

FIRST YEAR: Political Science 1, History 27, and one course selected from each of the following groups: (1) History 1 and 10, (2) History 2 and 3.

SECOND YEAR: History 4, 5, 6, and 13, Political Science 2.

THIRD YEAR: Twelve hours of History and Political Science selected by the student.

FOURTH YEAR: Fifteen hours of History and Political Science selected by the student.

In addition to the above at least twelve hours of Sociology, Economics, and Geography should be selected by the student. This work may be distributed over the four years.

For detailed descriptions of courses see Year Book

HISTORY

4. WESTERN AMERICAN HISTORY—Full Quarter. Four hours.
6. MODERN EUROPEAN HISTORY—Full Quarter. Four hours.
13. THE TEACHING OF HISTORY AND CIVICS IN THE ELEMENTARY SCHOOL—First half. Three hours.
27. CONTEMPORARY WORLD HISTORY—Either half. Two hours.
104. THE LITERATURE OF AMERICAN HISTORY—Second half. Two hours.
105. MEDIEVAL INSTITUTIONS—Either half or full Quarter. Two or four hours.

A course for mature students with some knowledge of European history. A study of medieval institutions with illustrations drawn largely from French sources. The origins and leading features of feudalism and the manorial system; the rise of towns and the beginnings of the Third Estate; accession of the Capetian dynasty, growth of the royal domain, and the recovery of monarchical power; ecclesiastical institutions and the relations of church and state; origins of the Parlement of Paris, the Exchequer, the King's Council, and the Estates-General; transformation of the feudal monarchy into the modern state.

109. SLAVERY, SECESSION, AND RECONSTRUCTION, 1850-1870—Full Quarter. Four hours.

A detailed study of the period, including: slavery as an institution; the great debates of 1850; fugitive slaves and the Underground Railway; formation of the Republican Party; the Dred Scott decision; Lecomptonism; Lincoln and Douglas debates; the fight of Douglas for control of the Democratic party; secession; civil war; foreign relations; emancipation; problem of the freedmen; reconstruction; threatened negro supremacy; constitutional amendments, white supremacy in the south.

POLITICAL SCIENCE

1. GOVERNMENT OF THE UNITED STATES—Full Quarter. Four hours.

HOME ECONOMICS

The Home Economics Department not only trains teachers of Home Economics, but also trains homemakers in the selection, use, and care of materials for the home. It has as an ideal the establishment of sane standards of living, including the economic, social, and esthetic sides of life. It is now the policy of this department to recommend for elementary school positions those students who have had the work in high school and two years of creditable college work in the subject. This seems advisable because so many students are dependent on their own efforts to supplement scholarships or assistance given by parents. Students entering the Home Economics Department without previous training in the high school will be required to take H. S. 1b and H. S. 2b before any credit is given.

In addition to the core subjects listed on page 23, this department requires:

FIRST YEAR: H. A. 1, H. A. 2, H. A. 3, and H. A. 4; Home Econ. Ed. 1; Chem. 1, Chem. 2, Chem. 3; Bact. 1.

SECOND YEAR: H. A. 5, H. A. 6, H. Sc. 1, H. Sc. 2, H. Sc. 3, and H. Sc. 7; Eng. 15 or Eng. 16.

THIRD YEAR: Chem. 108, Chem. 109, Chem. 112; H. A. 102, H. A. 108, H. A. 109; H. Sc. 104.

FOURTH YEAR: H. A. 112; H. Sc. 103, H. Sc. 105, H. Sc. 106, H. Sc. 108; Home Econ. Ed. 111, Home Econ. 101.

For detailed descriptions of courses see Year Book

HOUSEHOLD SCIENCE

1. FOODS AND COOKERY—Full Quarter. Four hours. Fee \$3.00.
 2. FOODS AND COOKERY—Full Quarter. Four hours. Fee \$3.00.
A continuation of 1a.
 4. ELEMENTARY NUTRITION—First half or full Quarter. Two or four hours.
A course designed for non-majors. No chemistry required.
 7. HOUSEHOLD MANAGEMENT—First half or full Quarter. Lecture course. One or two hours. Required of all Home Economics majors.
 - 7a. HOUSEHOLD MANAGEMENT—Full Quarter. Three hours.
Practical application of the preceding course. Open to majors who have had the theory work given above in 1, 2, and 7.
 104. DEMONSTRATION COOKERY—Either half or full Quarter. One or two hours. Fee \$3.50. This course presupposes at least three quarters of previous training in cookery.
 105. CHILD CARE—First half or full Quarter. Two or four hours. Fee \$1.00.
 106. HOME NURSING—Full Quarter. Four hours. Fee \$1.00.
 108. HOUSING AND HOUSE SANITATION—First half or full Quarter. Two or four hours.
 200. SEMINAR IN HOUSEHOLD SCIENCE—Full Quarter.
- Graduate work may be arranged for in this course, dependent on previous training.

HOUSEHOLD ARTS

- 3a. GARMENT MAKING—Full Quarter. Four hours.
The fundamentals of plain sewing. This course is for students who have had no sewing in high school.
4. MILLINERY—First half or full Quarter. Two or four hours. Fee \$2.50.
5. DRAFTING AND PATTERN MAKING—First half or full Quarter. Two or four hours. Fee 50 cents.
This course is prerequisite to H. A. 6.
102. APPLIED DESIGN—Full Quarter. Four hours.
109. ADVANCED DRESSMAKING—Full Quarter. Four hours. Fee 50 cents.
In this course we put into practice the accumulated experience of all the preceding Household Arts courses.
112. HOME DECORATING—Full Quarter. Four hours.
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.

INDUSTRIAL ARTS

The Industrial Arts Department includes work in woodworking, drafting, printing, bookbinding, and metal craft work. These departments are well equipped. They occupy the first and second floors of Guggenheim Hall of Industrial Arts. The rooms are large, well ventilated, and well lighted. The students in these classes are never crowded for room or hindered in their work by lack of equipment, which is of the latest and best type, and is always kept in first-class condition.

The first aim of the department is to prepare teachers for elementary and secondary schools. The courses are varied, and are organized along two lines. The practical or technical phases of the subjects and the educational phases give an opportunity for study along technical, theoretical, and historic lines. An excellent Training Department housed in the Training School Building gives full opportunity to put into practice, in teaching, the ideas presented in the various courses.

Two, three, or four years for majors in Industrial Arts.

In addition to the core subjects listed on page 23, this department requires:

FIRST YEAR: Industrial Arts 1, 2, 8a, 11, two hours in Fine and Applied Arts.

SECOND YEAR: Industrial Arts 3, 5, 12, 13, 14, and Art 11.

THIRD YEAR: Industrial Arts 105, 109a, 117, 118.

FOURTH YEAR: Industrial Arts 104, 121, and eight hours in Industrial Arts to be selected.

INDUSTRIAL ARTS MAJORS

1. Students not prepared to do regular beginning collegiate courses will be required to do extra work in special sections.
2. Credit for extra work in special sections shall be withheld until work is completed in a second quarter of each subject.

NON-MAJORS

Non-Majors in Industrial Arts are not subject to Section 2 above.

For detailed descriptions of courses see Year Book

1. **TECHNIC AND THEORY OF WOODWORKING I**—Either half or full Quarter. One or two hours. Fee \$1.00 or \$2.00.

This course is arranged for those who have had no experience in woodworking.

2. **TECHNIC AND THEORY OF WOODWORKING II**—Either half or full Quarter. Two or four hours. Fee \$2.00.

This course is a continuation of Course 1, and is designed for advanced students and majors.

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**—Either half or full Quarter. Two or four hours. Fee \$2.00.

The aim of this course is to give the student knowledge of the woodworking lathe.

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

201. SEMINAR IN INDUSTRIAL ARTS—Either half or full Quarter. Two or four hours.

PRINTING

1a. ELEMENTARY PRINTING—Either half or full Quarter. Two or four hours. Fee \$1.00.

1b. ELEMENTARY PRINTING I—Either half or full Quarter. Two or four hours. Fee \$1.00.

Continuation of Elementary Printing.

2a. INTERMEDIATE PRINTING I—Either half or full Quarter. Two or four hours. Fee \$1.00.

2b. INTERMEDIATE PRINTING—Either half or full Quarter. Two or four hours. Fee \$1.00.

103a. ADVANCED PRINTING—Either half or full Quarter. Two or four hours. Fee \$1.00.

BINDING ART AND LEATHER CRAFT

1a. ELEMENTARY BOOKBINDING—Either half or full Quarter. Two or four hours. Fee \$1.00.

This course aims to acquaint students with tools and machines.

1b. ELEMENTARY BOOKBINDING—Either half or full Quarter. Two or four hours. Fee \$1.00.

A continuation of Bookbinding 1a.

2a. INTERMEDIATE BOOKBINDING—Either half or full Quarter. Two or four hours. Fee \$1.00.

Continuation of Elementary Bookbinding 1b.

2b. INTERMEDIATE BOOKBINDING—Either half or full Quarter. Two or four hours. Fee \$1.00.

A continuation of Bookbinding 2a.

103a. ADVANCED LEATHER CRAFT AND ART WORK—Either half or full Quarter. Two or four hours. Fee \$1.00.

103b. ADVANCED LEATHER CRAFT WORK—Either half or full Quarter. One or two hours. Fee \$1.00.

LIBRARY SCIENCE

For detailed descriptions of courses see Year Book

1. ELEMENTARY LIBRARY COURSE—Full Quarter. One hour. No credit given except to first year students.

This is an introductory course intended to familiarize the student with the arrangement of the books and general classification scheme of the library. A brief study is made of the catalogs and various indexes; also the standard books of reference, dictionaries, encyclopedias, and the like, the purpose being to acquaint the student with the most ready means of using the library.

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

LITERATURE AND ENGLISH

The courses offered in Literature and English fall into three classes: (1) courses in composition; (2) courses in methods of teaching Literature and English in elementary and high schools; (3) literary courses, cultural in nature, intended to equip a high school teacher of English with the teaching materials and a literary background.

In addition to the core subjects listed on page 23, this department requires:

FIRST YEAR: Library Science 1, and English 3, 4, 8, 9, 10, and 11.

(Students may be excused from English 4 by passing the English 4 Exemption Test. This is given at 2 p. m. on the day after registration day. Fee 25 cents.)

SECOND YEAR: English 1, 2, 6, and 16.

THIRD YEAR: English 105 and 106 and eight hours of English selected by the student.

FOURTH YEAR: Twelve hours of English selected by the student.

For detailed descriptions of courses see Year Book

1. MATERIAL AND METHODS IN READING AND LITERATURE—Full Quarter and either half Quarter. Three hours.

2. THE TEACHING OF WRITTEN ENGLISH—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 HISTORY OF 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—Full Quarter and second half. Three or four hours.

17. COMEDY: A LITERARY TYPE—Full Quarter. Four hours.

18. DEBATING—First half Quarter. One hour.

This course deals with technic and methods of conducting high school debate work.

20. ADVANCED COMPOSITION—Full Quarter. Four hours.

102a. JOURNALISTIC WRITING—Full Quarter. Three hours.

103. ADVANCED PUBLIC SPEAKING—Full 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.

120. LYRIC POETRY—Full Quarter. Four hours.

127. SHAKSPERE'S COMEDIES—Either half or full Quarter. Two or four hours.

133. THE RECENT NOVEL—First half or full Quarter. Two or four hours.

160. LITERATURE OF THE BIBLE—Full Quarter. Three hours.

This course gives a general view of the literature of the Bible from the period of exile. It continues with the study of the work of Jeremiah, the book of Ezekiel, and the writings of the other great Prophets. The New Testament is studied from the point of view of the origin and purpose of each of its books. Special reference will be given to the Pauline Epistles and the Book of Acts.

MATHEMATICS

All courses in mathematics are given in such a way as to make them of greatest value to teachers. A strong effort is made to give a clear understanding of the underlying principles in each subject and to show how they may best be presented to the student.

Dr. John R. Clark, Specialist in Mathematics, Lincoln School, Teachers College, Columbia University, New York City, will offer courses in this department during the first quarter. This will give students an opportunity of contact with the latest scientific thought in the field of mathematics in the public schools.

In addition to the core subjects listed on page 23, this department requires:

FIRST YEAR: Mathematics 2, 5, and 6.

SECOND YEAR: Mathematics 7, 8, 9 or 108.

THIRD YEAR: Geography 113, Mathematics 100, 101, and 102.

FOURTH YEAR: Sixteen hours of Mathematics selected by the student.

For detailed descriptions of courses see Year Book

1. SOLID GEOMETRY—Either half or full Quarter. Four hours.
2. PLANE TRIGONOMETRY—Either half or full Quarter. Two or four hours.
5. COLLEGE ALGEBRA—Either half or full Quarter. Two to four hours.
6. COLLEGE ALGEBRA—Either half or full Quarter. Two or four hours.
7. ANALYTICS—Either half or full Quarter. Two or four hours.
8. THE TEACHING OF ARITHMETIC—Either half Quarter. Two hours.
- 100a. THE TEACHING OF ALGEBRA—First half Quarter. Two hours.
- 100b. COLLEGE PLANE GEOMETRY—Second half Quarter. Two hours.
- 101-102. DIFFERENTIAL AND INTEGRAL CALCULUS—Either half or full Quarter. Two or four hours each.
103. THEORY OF EQUATIONS—Either half or full Quarter. Two or four hours.
106. ASTRONOMY—Either half or full Quarter. Two or four hours.
108. THE TEACHING OF JUNIOR HIGH SCHOOL MATHEMATICS—Either half Quarter. Two hours.
201. ADVANCED DIFFERENTIAL CALCULUS AND DIFFERENTIAL EQUATIONS—Either half or full Quarter. Two or four hours.

MUSIC

The courses offered by the department are of two kinds: (a) Courses which are elementary and methodical in their nature and meant to pro-

vide comprehensive training for teachers of vocal music in public schools; (b) Courses which treat of the professional, historical, literary, and esthetic side of music, or for those who wish to become supervisors or professional teachers of vocal and instrumental music.

In addition to the core subjects listed on page 23, this department requires for majors in public school music:

First Year: 1, 2, 20, 22, 40, and 101.

Second Year: 3, 4, 10, 11, 21, 23, 40, and 101.

Third Year: 40, 101, 103, 104, and 110.

Fourth Year: 40, 101, 105, 106, 107, 108, 114, 120, and 122.

For detailed descriptions of courses see Year Book

1. SIGHT READING—Five periods. First half. Three hours.
A course for beginners. A required course for majors in music.
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.
40. ORCHESTRA—One period. Full quarter. One hour.
41. BAND—One period. Full Quarter. One hour.

42. GLEE CLUB—Entrance by examination. Two periods. Full quarter. One hour.
43. ADVANCED ORCHESTRA—Full Quarter. One hour.
44. ADVANCED BAND—Full Quarter. One hour.
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.
122. APPRECIATION—Two periods. First half. Two hours. This course will be given from the viewpoint of the modern concert goer.
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

The various courses to be given by the Physics Department have a double purpose in view: first, to give the students an adequate knowledge of theoretical and applied physics; second, to develop in close cooperation with the students more efficient methods of teaching this subject in secondary school and college. Although the former is essential, the latter constitutes the problem proper in a teachers college.

In addition to the core subjects listed on page 23, this department requires:

- First Year: Physics 1, 2, and 3; Chemistry 1, 2, and 3.
 Second Year: Physics 11, 14, and 15; Math. 2, 5, and 6.
 Third Year: Physics 20, 107, and 108; Math. 7, 101, and 102.
 Fourth Year: Physics 111 and 121; Math. 103.

For detailed descriptions of courses see Year Book

1. GENERAL PHYSICS—Full Quarter. Four hours. Fee, \$3.00.
 2. GENERAL PHYSICS—Full Quarter. Four hours. Fee \$3.00.
 13. MECHANICS, MOLECULAR PHYSICS, AND HEAT—Full Quarter. Four hours. Fee, \$3.00.

This course covers the same subjects as is the case in the course in General Physics 1, but in a more advanced manner. Three hours of discussion and problem solving per week. Laboratory work for two hours per week. The apparatus used is much more elaborate than that used in General Physics 1. The pursuit of such a course as this and the following one will give the candidate-teacher some degree of "perspective". Prerequisites: General Physics 1 and a working knowledge of plane geometry.

14. SOUND, LIGHT, AND ELECTRICITY—Full Quarter. Four hours. Fee, \$3.00.

This course together with the preceding one constitutes a well-rounded course in second-year college physics. The class meets for three hours a week for discussion and the solution of problems. Laboratory work is required for two hours each week. Prerequisite: Mechanics, Molecular Physics, and Heat.

15. CONSTITUTION OF MATTER—First half. Two hours.

This course considers the evidence in support of the electrical nature of matter and the material nature of electricity. The course will furnish a general view of the so-called "New Physics". The nature of the atom, the electron, x-rays, cathode rays, radioactivity, Brownian movement, ions, relativity, isotopism, the theory of quanta, are some of the topics studied. The course makes an equal appeal to students of either physics or chemistry. Prerequisite: General Physics and General Chemistry.

16. THE PEDAGOGY OF PHYSICS—Second half. Two hours.

The organization and administration of physics instruction in high school will be carefully considered in this course. The function of the laboratory and its integration with the informational side of the subject will also be studied. This course does not aim to teach physics except incidentally. It is designed for those who have a foundation in physics and who are eager to give some thought to the methods of arousing the interest of the student therein and of securing his best adaptation to his physical environment.

PHYSICAL EDUCATION AND ATHLETIC COACHING

The function of the Division of Hygiene and Physical Education is: (1) to provide specialized courses for athletic coaches and teachers of physical education (2) to provide organized physical and recreational activities for the general student body, (3) to give the courses in informational hygiene, or health education, required of all teachers, (4) to make the required health examinations, and through the college medical advisers to provide medical advice free to all students with a view to promoting wise health habits and to securing the correction of physical defects likely to interfere with the success of students or teachers.

Outlined below are courses of special value to athletic coaches and to teachers of physical education. These courses are identical with similarly numbered courses in the Year Book and may be counted toward the degree of A.B. in Education.

GENERAL PHYSICAL TRAINING REQUIREMENTS WAIVED DURING THE SUMMER QUARTER

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.

REQUIRED HEALTH EXAMINATIONS

Students registering here for the first time should make an appointment on registration day for the required health examination. *Registration is not complete until this examination has been made and recorded.* The College medical advisers keep regular office hours for free consultation. The College, however, does not undertake any medical treatment.

In addition to the core subjects listed on page 23, this department requires:

I. FOR WOMEN

FIRST YEAR: P.E. 5, 51, 56, 57, and 62.

SECOND YEAR: P.E. 12, 50, 50a, 58, Hyg. 108, Ed. Psych. 1, Mus. 14, and H.Ec. 4.

THIRD YEAR: P.E. 102, 110 or 111, 113, 126, 153, 153a, 158a, 163, Biol. 102, Ed. Psych. 104, 108a, Soc. 105.

FOURTH YEAR: P.E. 60, 101, 101a, 103, 106 162a, 164a, Ed. Psych, 105, 107.

II. FOR MEN

FIRST YEAR: P.E. 5, 66, 66a, 66b, Hyg. 7, Geog. 4.

SECOND YEAR: P.E. 12, 52, 66, 66c.

THIRD YEAR: P.E. 66d, 102, 102a, 102b, 113, 163, 166, Ed. Psych, 104, 106, 108a, Soc. 105, 167.

FOURTH YEAR: P.E. 101, 101a, 103, 106, 166a, 166b or d, 166c, Biol. 102, Hyg. 108, Ed. Psych. 105, 107.

I. REQUIRED HEALTH EDUCATION COURSES

For detailed descriptions of courses see Year Book

HYG. 7. GENERAL HYGIENE (Men and Women)—Five periods. Either half. Three hours.

HYG. 108. INDIVIDUAL HYGIENE (Women)—Five periods. Either half. Two hours.

The section for men is offered on alternate years, but is not given in 1925.

II. SCHOOL FOR ATHLETIC COACHES

Howard Jones, formerly head coach at the University of Iowa, now at the University of Southern California, will have personal direction of this school. Work will be offered during the first half quarter, June 16 to July 22, 1925.

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.

166a. 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.

166b. 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.

166c. 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.

166d. 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.

168a. ADMINISTRATION OF ATHLETICS—Two periods. First half Quarter. One hour.

Problems in the organization and administration of intercollegiate athletics; sportsmanship and ethics; financial, eligibility, and advertising problems; construction of athletic fields, equipment; and management of teams on the road are among the subjects considered.

III. COURSES PRIMARILY FOR STUDENTS MAJORING IN PHYSICAL EDUCATION

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.

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 Text Book on First Aid is used.

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

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

53. LIGHT 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. Half or full 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, tennis, and swimming are emphasized. Fee for tennis, 50 cents each half, and for swimming, \$5.00 each half. The latter fee is to cover cost of transportation and swimming facilities.

101. PHYSIOLOGY—Five periods. First half Quarter. Three hours. A third year course for students of Physical Education.

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.

102b. REMEDIAL GYMNASTICS—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.

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

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.

ROMANCE LANGUAGES AND LATIN

For detailed descriptions of courses see Year Book

SPANISH

1. BEGINNING SPANISH—First half or full Quarter. Two or four hours.

5. INTERMEDIATE SPANISH—First half or full Quarter. Two or four hours.

Texts: La Navidad en las Montanas, Historietas de Pinol and Sierra's Teatro de Ensurno. Conducted in Spanish.

105. ADVANCED SPANISH—Either half or full Quarter. Two or four hours.

Spanish Drama.

131. THE TEACHING OF SPANISH IN HIGH SCHOOLS—Either half or full Quarter. Two or four hours.

This course is open only to students able to understand spoken Spanish.

LATIN

10. SECOND YEAR LATIN. First half or full Quarter. Two or four hours.

131. THE TEACHING OF LATIN IN SECONDARY SCHOOLS—Either half or full Quarter. Two or four hours.

FRENCH

1. BEGINNING FRENCH—Either half or full Quarter. Two or four hours.

105. ADVANCED FRENCH—Either half or full Quarter. Two or four hours.

SOCIOLOGY, ANTHROPOLOGY, AND ECONOMICS

This department offers the following series of courses in Sociology, Anthropology, and Economics to which other courses will be added from time to time. These courses are designed primarily to prepare the student for educational service as teacher, supervisor, or administrator. They are arranged and conducted so as to provide a desirable preparation for the successful teaching of the social sciences, and for those who combine teaching with social work. An unusually fine collection of anthropological and sociological material is available for the use of classes. A full four year course is offered.

As a knowledge of sociology is commonly regarded as a necessary basis of educational theory and practice, courses specially adapted to supply such basis, and to render practical assistance to all grades of teachers, are given in the Summer Quarter.

Two years or four years for majors in Sociology. In addition to the core subjects, as shown on page 23, this department requires:

FIRST YEAR: Sociology 1, Sociology 10, History 10.

SECOND YEAR: Biotics 101, Anthropology 100, Geology 100.

THIRD YEAR: Twelve hours of Sociology selected by the student.

FOURTH YEAR: Twelve hours of Sociology selected by the student.

For detailed descriptions of courses see Year Book

2. AN INTRODUCTION TO THE STUDY OF SOCIOLOGY—Full Quarter. Four hours.

This is a special elementary course given only in the summer of 1925 by the visiting instructor, Mrs. I. O. Unger.

3. EDUCATIONAL SOCIOLOGY—Either half Quarter. Three hours.

101. THE ORIGIN AND ANTIQUITY OF MAN—Full Quarter. Four hours.

This course presents the knowledge that has been accumulated with respect to fossil man, with such scientific inferences as seem to be warranted by the facts thus far discovered.

102. EARLY CIVILIZATION—Full Quarter. Four hours.

Types of early civilization are studied, including those of Europe, Mexico, Peru, and North America. In this course exclusive use is made of a fine collection of material illustrative of early American art and industry.

105. THE PRINCIPLES OF SOCIOLOGY—Full Quarter. Four hours. Required of third year students.

110. PRINCIPLES OF ECONOMICS—Full Quarter. Four hours.
130. SOCIAL PSYCHOLOGY—Full Quarter. Four hours.
132. THE FAMILY—Full Quarter. Three hours.
140. THE SOCIAL PHILOSOPHY OF LESTER F. WARD—Full Quarter. Four hours.

Professor Ward was practically the founder of Sociology in America, and was admittedly one of the greatest sociologists of the world. Mrs. Unger has long been a student of Ward, and is the translator of his work. This course is offered as a unique opportunity to become acquainted with a great social philosopher through personal instruction from one who knew him and is thoroughly familiar with his teachings

209. SEMINAR IN SOCIOLOGY—Full Quarter. When requested by five or more students. Four hours.

INSTRUCTIONS CONCERNING REGISTRATION

1. ORDER OF REGISTRATION.—See page 3 for instructions.

2. 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 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—Room 214, Administration Building. No schedules will be approved for more than eighteen hours except under this condition.

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

4. ALL COURSES FOR CREDIT.—There are no non-credit courses except Phys. Ed. 68. This is taken by students who have been examined by the College physicians and exempted from active exercise. Students who take this course must present a certificate of recommendation from one of the College physicians and register for the course as for any other subject.

5. PHYSICAL EDUCATION.—All freshmen and sophomores, including the unclassified students who expect later to become classified, are required to take an ACTIVE EXERCISE course in physical education each quarter in residence.

6. REQUIRED COURSES IN HYGIENE.—To meet the requirements of the Federal Hygiene Board, Hygiene 7 is required once of all first year students. Hygiene 108 is required once of all Juniors and Seniors.

7. **PHYSICAL AND DENTAL EXAMINATIONS.**—The same Board requires an annual health examination for each student. Unclassified students are NOT exempt from this requirement.

8. Old Ed. 8 is now designated as Ed. 1. Old Ed. 1 is now designated Ed. 5. Note this carefully in registering. Old Biol. 2 is now designated Biol. 1.

9. **BIOLOGY AND SOCIOLOGY.**—Sociology 3 cannot be taken by any student who has not had Biology 1 or 2.

10. **EDUCATION 1** (Formerly Ed. 8, Introduction to Education) must be taken by all candidates for graduation who have not already had the course.

11. **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.

12. 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.

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

FEES

Incidental fee, paid by all, \$30.00 per quarter; \$15.00 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 16 hours:

| | |
|----------------------------|---------|
| 1 or 2 quarter hours | \$ 5.00 |
| 3 quarter hours | 7.50 |
| 4 quarter hours | 10.00 |

No course for less than \$5.00. Any program of 5 hours or more, regular fee of \$15.00 or \$30.00 for half or full quarter, respectively.

Fees for Laboratory and Materials

Art—Fine and Applied:

| | |
|--|--------|
| Art 1—Methods | \$.50 |
| Art 2—Primary Methods | .50 |
| Art 7—Constructive Design | .50 |
| Art 115—Pottery | 2.00* |
| Art 108—Pottery | 2.00 |
| Art 13—Applied Art Primary Grades..... | 1.50* |
| Art 14—Applied Art Grades and High School | 1.50* |

Biology:

| | |
|----------------------------|-------|
| Bacteriology 1 | 1.50 |
| Biology 1 | .75 |
| Botany 101 | 1.00* |
| Elementary Science 1 | .50 |
| Zoology 4 | .75 |
| Zoology 5 | .75 |

Chemistry:

| | |
|---|------|
| Chemistry, 1, 2, 108, 109, per course..... | 3.00 |
| Chemistry 4, 5, 7*, 110, 111, 114, per course | 4.00 |

Commercial Ed.:

| | |
|--|------|
| Commercial Ed. 11, 12, 13, per course..... | 1.00 |
|--|------|

Home Economics:

| | |
|-----------------|------|
| H. A. 4 | 2.50 |
| H. A. 5 | .50 |
| H. A. 109 | .50 |

| | |
|--|------|
| H. S. 1, Food and Cookery | 3.00 |
| H. S. 2 | 3.00 |
| H. S. 104, Demonstration Cookery | 3.50 |
| H. S. 105, Child Care | 1.00 |
| H. S. 106, Home Nursing | 1.00 |

Industrial Arts:

| | |
|-------------------------------------|-------|
| Ind. Art 1 Woodworking | 2.00* |
| Ind. Art 2 Woodworking | 2.00* |
| Ind. Art 8a Art Metal | 2.00* |
| Ind. Art 11 Projections | 1.00 |
| Ind. Art 19 Wood Turning | 2.00* |
| Ind. Art 117 Machine Design I | 1.00 |
| Bookbinding—All Courses | 1.00 |
| Printing—All Courses | 1.00 |

Music:

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

Physics:

| | |
|--------------------------------------|--------|
| 1, 2, 13, and 14 | 3.00 |
| P. E. 2, 2a, 12, 101a, 103 | .50 |
| P. E. 50a, 56, 57, 58, 58a, 59 | .25 |
| P. E. 65 Tennis | 1.00* |
| P. E. 65 Swimming | 10.00* |

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

SCHEDULE OF CLASSES

(Summer Quarter, 1925)

| Time and Cat. No. | Description | Days | May be Taken for Credit | Qr. Hrs. | Teacher | Room |
|------------------------|---------------------------------------|--------|----------------------------|----------|-----------|--------|
| I. 7:00 to 7:50 | | | | | | |
| Art 1. | Intermediate Grade Methods | MWThF | Ei. Half or Full Qr. | 2 or 4 | Lowe | G-204 |
| Art 3. | Freehand Drawing | MTThF | Ei. Half or Full Qr. | 2 or 4 | Klee | G-203 |
| Art 4b | Design | MTWTh | 1st. Half or Full Qr. | 2 or 4 | Dement | G-200 |
| El. Biol. Sci. 1 | Nature Study | MTWTh | Ei. Half or Full Qr. | 2 or 4 | Jean | 303 |
| El. Biol. Sci. 1 | Nature Study (See Courses of Study) | MTWTh | Ei. Half or Full Qr. | 2 or 4 | Cottle | L-1 |
| El. Biol. Sci. 1 | Nature Study (See Courses of Study) | MTFSat | Ei. Half or Full Qr. | 2 or 4 | Cottle | L-1 |
| Bkdg. 1a | Elem. Bookbinding (Double Pd.) | MTWTh | Ei. Half or Full Qr. | 2 or 4 | Schaefer | G-100 |
| Bkdg. 2a | Intermediate Bkdg. (Double Pd.) | MTWTh | Ei. Half or Full Qr. | 2 or 4 | Schaefer | G-100 |
| Chem. 108 | Organic Chem. (Lab. by Appt.) | MW | Full Quarter | 3 | Bowers | 300 |
| Chem. 110 | Organic Chem. (Lab. by Appt.) | MW | Full Quarter | 4 | Bowers | 300 |
| Com. Ed. 117 | Office Practice | Daily | Ei. Half or Full Qr. | 3 or 6 | Merriman | 215 |
| Com. Ed. 155 | Economics of Retailing | MTThF | Full Quarter | 4 | Bedinger | 214 |
| Ed. 1 | Intro. to Education | MWF | Full Quarter | 3 | Hunt | 207 |
| Ed. 3 | Primary Methods | MTWTh | Ei. Half or Full Qr. | 2 or 4 | Dulin | T-13 |
| Ed. 4 | Intermediate Methods | MTWTh | Ei. Half or Full Qr. | 2 or 4 | McCowan | T-16 |
| Ed. 51 | Story Telling, Songs & Games—Kdg. | MTWTh | Ei. Half or Full Qr. | 2 or 4 | Lyford | 205 |
| Ed. 107 | Meth. of Improving Instrn. in Reading | MTThF | Ei. Half or Full Qr. | 2 or 4 | Bland | T-3 |
| Ed. 110 | Extra Curricula Activities | MTTh | Ei. Half or Full Qr. | 1½ or 3 | Rugg | 203 |
| Ed. 133 | Hist. of Educ.—especially modern | Daily | Second Half | 3 | Morrison | 102 |
| Ed. 134 | Hist. of Educ. in the U. S. | Daily | First Half | 3 | Morrison | 102 |
| Eng. 1. | Mat. and Meth. in Read. and Liter. | MWF | Full Quarter | 3 | Casey | T-11 |
| Eng. 4 | Speaking and Writing English | Daily | First Half | 3 | Todd | 100 |
| Eng. 4 | Speaking and Writing English | Daily | Second Half | 3 | Lowe | 100 |
| Eng. 17 | Comedy: A Literary Type | MTThF | Full Quarter | 4 | Tobey | 202 |
| French 105 | Advanced French | MTThF | Ei. Half or Full Qr. | 2 or 4 | Goebel | T-216 |
| Hist. 4 | Western American History | MTWTh | Full Quarter | 4 | Dickerson | 104 |
| H. Sci. 104 | Demonstration Cooking | TW | Ei. Half or Full Qr. | 1 or 2 | Pickett | HE-202 |
| H. Sci. 106 | Home Nursing | MTThF | Full Quarter | 4 | Wiebking | HE-304 |
| H. Ec. 111 | Home Economics Education | MTThF | 1st Half or Full Qr. | 2 or 4 | Clasbey | HE-207 |
| H. & P. E. 2 | Anatomy | Daily | First Half | 3 | Long | 1 |

PROGRAM OF CLASSES

| Time and Cat. No. | Description | Days | May be Taken for Credit | Qr. Hrs. | Teacher | Room |
|-------------------------|---|-------|----------------------------|----------|-------------|--------|
| H. & P. E. 2a | Kinesiology | Daily | Second Half | 3 | Long | 1 |
| Ind. Arts 1 | Tech. & Theory of Wdwdg. I (Double Pd.) | MTWTh | Ei. Half or Full Qr. | 2 or 4 | Foulk | G-7 |
| Ind. Arts 8a | Art Metal | MTWTh | Ei. Half or Full Qr. | 2 or 4 | Hadden | G-101 |
| Math. 7 | Analytic Geometry | MTThF | Ei. Half or Full Qr. | 2 or 4 | Tobey | L-13 |
| Math. 106 | Astronomy | MTThF | Ei. Half or Full Qr. | 2 or 4 | Finley | 304 |
| Mus. 110 | Supervisors' Course | Daily | Second Half | 3 | Roesner | T-12 |
| P. E. 58 | Esthetic Dancing | MWF | Ei. Half or Full Qr. | ½ or 1 | Keyes | 6 |
| Physics 13 | General Physics | MTTh | Full Quarter | 4 | Oppitz | HE-106 |
| Print. 1a | Elem. Printing (Double Pd.) | MTWTh | Ei. Half or Full Qr. | 2 or 4 | Bishop | G-104 |
| Print. 2a | Inter. Printing (Double Pd.) | MTWTh | Ei. Half or Full Qr. | 2 or 4 | Bishop | G-104 |
| Psych. 2a | Educational Psychology | Daily | Ei. Half | 3 | Hamill | 101 |
| 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 | T-101 |
| Soc. 3 | Educational Sociology | Daily | Ei. Half | 3 | Binnewies | 208 |
| Zool. 5 | Bird Study | MTWTh | Ei. Half or Full Qr. | 2 or 4 | Fitzpatrick | 301 |
| II. 8:00 to 8:50 | | | | | | |
| Art 2 | Drawing and Design Meth.—Prim. | MTThF | Ei. Half or Full Qr. | 2 or 4 | Baker | G-200 |
| Art 5 | Water Color Painting | TTh | Ei. Half or Full Qr. | 1 or 2 | Dement | G-203 |
| Art 14 | App. Art Methods—Int. & Jr. H. S. | MTWF | Ei. Half or Full Qr. | 2 or 4 | Lowe | G-204 |
| Biol. 1 | Educational Biology | MTWTh | Full Quarter | 3 | Cottle | 1 |
| Biol. 1 | Educational Biology | MTWTh | Full Quarter | 3 | Jean | 301 |
| Biol. 1 | Edu. Biology (Take at 11:00 also) | MTWTh | Ei. Half | 3 | Fitzpatrick | 303 |
| Chem. 109 | Organ. Chem. (Lab. by Appt.) | MW | Full Quarter | 3 | Bowers | 300 |
| Chem. 111 | Organ. Chem. (Lab. by Appt.) | MW | Full Quarter | 4 | Bowers | 300 |
| Com. Ed. 56 | Penmanship Methods | MTThF | 1st Half or Full Qr. | 1 or 2 | Bedinger | 214 |
| Com. Ed. 102 | Advanced Accounting | MTWTh | Full Quarter | 4 | Colvin | 213 |
| Com. Ed. 113 | Advanced Typing | MWF | Full Quarter | 3 | Knies | 210 |
| Com. Ed. 117 | Office Practice | Daily | Ei. Half or Full Qr. | 3 or 6 | Merriman | 215 |
| Com. Ed. 150 | Bank Accounting | MWTh | Full Quarter | 3 | Colvin | 213 |
| Ed. 1 | Introduction to Education | Daily | Ei. Half | 3 | Risley | 101 |
| Ed. 3 | Primary Methods | MTThF | Ei. Half or Full Qr. | 2 or 4 | Rosenquist | T-13 |
| Ed. 4 | Intermediate Grade Methods | MTWTh | Ei. Half or Full Qr. | 2 or 4 | Van Meter | T-11 |
| Ed. 5 | Principles of Teaching | Daily | Ei. Half | 3 | Mahan | 203 |

| Time and Cat. No. | Description | Days | May be Taken for Credit | Qr. Hrs. | Teacher | Room |
|-------------------|---|-------|----------------------------|----------|-----------------------------|------------|
| Ed. 52 | Kindergarten Curric. and Mat. | MTWTh | Full Quarter | 4 | Lyford | T-16 |
| Ed. 107 | Meth. of Improving Instrn. in Read. | MTWTh | Ei. Half or Full Qr. | 2 or 4 | Davis | T-3 |
| Ed. 116 | Org. and Adm. of a Sr. H. S. | MTWTh | Full Quarter | 4 | Hook Rynearson Prunty | 207 |
| Ed. 125 | Rural Education | MTWTh | Ei. Half or Full Qr. | 2 or 4 | Hargrove | L-13 |
| Ed. 213 | Jr. H. S. Probms.—Spec. Ref. to Curric. | MTWTh | Ei. Half or Full Qr. | 2 or 4 | Rugg | 100A |
| Eng. 1 | Mat. and Meth. in Read. and Liter. | Daily | 1st Half | 3 | Casey | L-1 |
| Eng. 4 | Speaking and Writing English | Daily | 1st Half | 3 | Todd | T-101 |
| Eng. 4 | Speaking and Writing English | Daily | 2nd Half | 3 | Lowe | |
| Eng. 4 | Speaking and Writing English | MWF | Full Quarter | 3 | Broadman | 100 |
| Eng. 13 | The Art of Story Telling | Daily | 1st Half | 3 | Tobey | 202 |
| Eng. 13 | The Art of Story Telling | Daily | 2nd Half | 3 | Casey | L-1 |
| Eng. 15 | Types of Literature | Daily | 2nd Half | 3 | Tobey | 202 |
| Eng. 127 | Shakespeare's Comedies | MTWTh | Ei. Half or Full Qr. | 2 or 4 | DuBois | T-121 |
| Geog. 12 | Geog. Methods—Intermediate | MTThF | First Half | 2 | Barker | T. S. Aud. |
| Geog. 14 | Geog. Methods—Jr. H. S. | MTThF | 2nd Half | 2 | Barker | |
| Hist. 6 | Modern Europe | MTWTh | Full Quarter | 4 | Harding | T-103 |
| H. A. 3 | Garment Making (Double Pd.—Majors) | MTWTh | Full Quarter | 4 | Jean | HE-301 |
| H. A. 5 | Pattern Making (Double Pd.) | MTThF | 1st Half or Full Qr. | 2 or 4 | Roudebush | HE-305 |
| H. A. 109 | Adv. Dressmaking (Double Pd.) | MTThF | Full Quarter | 4 | Wiebking | HE-304 |
| H. Sci. 105 | Child Care | MTWTh | 1st Half or Full Qr. | 2 or 4 | Pickett | HE-207 |
| Hyg. 7 | General Hygiene | Daily | Ei. Half | 3 | Long | T-9 |
| Ind. Arts 1 | Tech. & Theory of Wdwdg. (Double Pd.) | MTWTh | Ei. Half or Full Qr. | 2 or 4 | Foulk | G-7 |
| Latin 10 | Second Year Latin | MTThF | 1st Half or Full Qr. | 2 or 4 | Goebel | T-216 |
| Math. 1 | Solid Geometry | MTThF | Ei. Half or Full Qr. | 2 or 4 | | 212 |
| Math. 8 | Teaching Arithmetic | MTWTh | Ei. Half | 2 | Bland | 304 |
| Mus. 40 | Beginning Orchestra | TTh | Full Quarter | 1 | Thomas | Con. |
| Mus. 41 | Beginning Band | MW | Full Quarter | 1 | Thomas | Con. |
| Mus. 114 | Meth. in Conducting | TTh | 1st Half | 1 | Cline | Con. |
| P. E. 50a | Gymnastic Dancing | MWTh | Ei. Half or Full Qr. | ½ or 1 | Cave | Gym. |
| P. E. 59a | Natural Dancing | Daily | 2nd Half | 2 | Keyes | 6 |
| P. E. 62 | Plays and Games | MWF | 1st Half | ½ or 1 | Keyes | 6 |
| P. E. 166a | Football Coaching | Daily | 1st Half | 2 | Jones | Field |

| Time and Cat. No. | Description | Days | May be Taken for Credit | Qr. Hrs. | Teacher | Room |
|-------------------|--------------------------------|-------|----------------------------|----------|-----------|--------|
| Physics 14 | Electricity and Light | MTTh | Full Quarter | 4 | Oppitz | HE-106 |
| Pol. Sci. 1 | Govt. of the U. S. | MTWTh | Full Quarter | 4 | Dickerson | 104 |
| Psych. 105 | Psych. of H. S. Subjects | MTThF | Ei. Half or Full Qr. | 2 or 4 | Hamill | 103 |
| Psych. 212 | Statistical Methods | MTWTh | Full Quarter | 4 | Heilman | 102 |
| Soc. 2 | Int. to the Study of Sociology | MTWTh | Full Quarter | 4 | Unger | |
| Soc. 101 | Origin and Antiquity of Man | MTWTh | Full Quarter | 4 | Howerth | 208 |
| Soc. 132 | The Family | TWTh | Full Quarter | 3 | Binnewies | |
| Span. 1 | Beginning Spanish | MTWTh | 1st Half or Full Qr. | 2 or 4 | DuPoncet | 205 |

III. 9:00 to 9:50

| | | | | | | |
|--------------|---------------------------------------|--------|----------------------|--------|---------------------------------|-------|
| Art 2 | Draw. and Design Meth.—Prim. | MTThF | Ei. Half or Full Qr. | 2 or 4 | Klee | G-200 |
| Art. 11 | History of Architecture | Th | Ei. Half | ½ or 1 | Hadden | G-105 |
| Art 14 | App. Art Meth.—Int. and Jr. H. S. | MTWF | Ei. Half or Full Qr. | 2 or 4 | Lowe | G-204 |
| Art 105 | Oil Painting (See "Courses of Study") | MTWTh | Ei. Half or Full Qr. | 2 or 4 | Dement | G-203 |
| Art 105 | Oil Painting (See "Courses of Study") | MTFSat | Ei. Half or Full Qr. | 2 or 4 | Dement | G-203 |
| Biot. 101 | Heredity and Eugenics | MTWTh | Full Quarter | 4 | Jean | 301 |
| Bkdg. 1b | Elem. Bookbinding (Double Pd.) | MTWTh | Ei. Half or Full Qr. | 2 or 4 | Schaefer | G-100 |
| Bkdg. 2b | Inter. Bookbinding (Double Pd.) | MTWTh | Ei. Half or Full Qr. | 2 or 4 | Schaefer | G-100 |
| Chem. 7 | Qualitative Chem. (Lab. by Appt.) | MTWTh | Ei. Half or Full Qr. | 2 or 4 | Bowers | 302 |
| Chem. 114 | Quantitative Chem. (Lab. by Appt.) | MTWTh | Ei. Half or Full Qr. | 2 or 4 | Bowers | 302 |
| Com. Ed. 3 | Secretarial Practice I | MTThF | Full Quarter | 4 | Merriman | 213 |
| Com. Ed. 12 | Intermediate Typing | MTThF | Full Quarter | 4 | Knies | 210 |
| Com. Ed. 53 | Business Mathematics | MTWTh | 1st Half or Full Qr. | 2 or 4 | Colvin | 214 |
| Com. Ed. 153 | Salesmanship | MWF | Full Quarter | 3 | Bedinger | 212 |
| Ed. 1 | Intro. to Education | Daily | Ei. Half | 3 | Wyatt | T-11 |
| Ed. 10 | Elem. School Curriculum | MTTh | Full Quarter | 3 | Rugg | 203 |
| Ed. 28 | School and Home Gardens | MTWTh | 2nd Half | 2 | Hargrove | L-13 |
| Ed. 106 | Types of Teaching and Learning | MTWTh | Ei. Half or Full Qr. | 2 or 4 | Ganders | T-3 |
| Ed. 108 | Educational Supervision | MTWTh | Ei. Half or Full Qr. | 2 or 4 | { Risley Washburne } | 300 |
| Ed. 111 | Philosophy of Education | MTWTh | Full Quarter | 4 | Armentrout | |
| Ed. 113 | Org. and Adm. of The Jr. H. S. | MTWTh | Full Quarter | 4 | { Hook Rynearson Prunty } | T-16 |

| Time and Cat. No. | Description | Days | May be Taken for Credit | Qr. Hrs. | Teacher | Room |
|-------------------|---|-------|----------------------------|----------|--------------|---------|
| Ed. 126 | Proj. Curric. for Rural Schools | MTWTh | 1st Half | 2 | Hargrove | L-13 |
| Ed. 224 | Experimental Education | MTWTh | Ei. Half or Full Qr. | 2 or 4 | Whitney | T-121 |
| Eng. 4 | Speaking and Writing English | MWF | Full Quarter | 3 | Todd | 1 |
| Eng. 15 | Types of Literature | Daily | 1st Half | 3 | Boardman | 100 |
| Eng. 16 | Contemporary Literature | Daily | 2nd Half | 3 | Boardman | 100 |
| Eng. 18 | Debating | MT | First Half | 1 | Casey | L-1 |
| Eng. 20 | Advanced Composition | MTWTh | Full Quarter | 4 | DuBois | 100a |
| Eng. 102a | Journalistic Writing. | MWTh | Full Quarter | 3 | Shaw | T-103 |
| Eng. 105 | Oral English in the H. S. | MTThF | Second Half | 2 | Casey | L-1 |
| Eng. 120 | Lyric Poetry | MTWTh | Full Quarter | 4 | Tobey | 202 |
| Geog. 7 | Business Geography | MTThF | Ei. Half or Full Qr. | 2 or 4 | Barker | 101 |
| Geog. 102 | Mountain Physiography (See Courses | MTWTh | Ei. Half or Full Qr. | 2 or 4 | Blaine | T-101 |
| Geog. 102 | Mountain Physiography of Study) | MTFS | Ei. Half or Full Qr. | 2 or 4 | Blaine | T-101 |
| H. Sci. 1 | Foods and Cookery (Double Pd.) | MTWTh | Full Quarter | 4 | Pickett | HE-202 |
| H. Sci. 7 | Home Management—Theory | ThF | 1st Half or Full Qr. | 1 or 2 | Clasbey | HE-305 |
| H. Sci. 7a | Home Management—Pract. (Majors only) | Daily | Full Quarter | 3 | Clasbey | Cottage |
| Ind. Arts 1 | Tech. & Theory of Wdwkg. I (Double Pd.) | MTWTh | Ei. Half or Full Qr. | 2 or 4 | Harmon | T-15 |
| Ind. Arts 2 | Tech. & Theory of Wdwkg. I (Double Pd.) | MTWTh | Ei. Half or Full Qr. | 2 or 4 | Foulk | G-7 |
| Ind. Arts 5 | Prin. of Teaching Prac. Arts Subj. | MWF | Ei. Half or Full Qr. | 1½ or 3 | Hadden | G-105 |
| Latin 131 | Teaching Latin | MTThF | Ei. Half or Full Qr. | 2 or 4 | Goebel | T-216 |
| Math. 100a | The Teaching of Algebra | MTThF | First Half | 2 | Tobey | 207 |
| Math. 100b | College Geometry | MTThF | Second Half | 2 | Tobey | 207 |
| Math. 108 | Junior H. S. Mathematics | MTThF | Either Half | 2 | Finley | 304 |
| Music 22 | Appreciation | Daily | First Half | 3 | Opp | Con. |
| Music 23 | Music Literature | Daily | Second Half | 3 | Opp | Con. |
| Music 103 | Counterpoint | MWF | Full Quarter | 3 | Thomas | Con. |
| P. E. 58a | Esthetic Dancing | Daily | Either Half | 2 | Keyes | 6 |
| P. E. 62 | Plays and Games | MWF | First Half | ½ | Cave | Gym. |
| P. E. 102b | Remedial Gymnastics | MTWTh | Second Half | 2 | Cave | Gym. |
| P. E. 166c | Baseball Coaching | Daily | First Half | 2 | Jones-Cooper | Field |
| Physics 15 | Constitution of Matter | WTh | First Half | 2 | Oppitz | HE-106 |
| Physics 16 | Teaching of Physics | WTh | Second Half | 2 | Oppitz | HE-106 |
| Print. 1b | Elem. Printing (Double Pd.) | MTWTh | Ei. Half or Full Qr. | 2 or 4 | Bishop | G-104 |
| Print. 2b | Inter. Printing (Double Pd.) | MTWTh | Ei. Half or Full Qr. | 2 or 4 | Bishop | G-104 |

| Time and Cat. No. | Description | Days | May be Taken for Credit | Qr. Hrs. | Teacher | Room |
|---------------------------|-----------------------------------|---------|----------------------------|----------|---|-------|
| Psych. 107 | Mental Tests | MTWTh | Full Quarter | 4 | Young | 103 |
| Psych. 110 | General Psychology | MTThF | Full Quarter | 4 | Hamill | 102 |
| Soc. 105 | Principles of Sociology | MTWTh | Full Quarter | 4 | Howerth | 208 |
| Soc. 110 | Principles of Economics | MTWTh | Full Quarter | 4 | Binnewies | T-13 |
| Span. 5 | Intermediate Spanish | MTWTh | 1st Half or Full Qr. | 2 or 4 | DuPoncet | 205 |
| IV. 10:00 to 10:50 | | | | | | |
| Art 6 | Art Appreciation | Th | Full Quarter | 1 | Dement | G-200 |
| Art 9 | History of Art | MTW | Full Quarter | 3 | Dement | G-200 |
| Art 16 | Freehand Drawing | 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 |
| Art 108 | Pottery | MTWTh | Full Quarter | 4 | Lowe | G-204 |
| Art 115 | Pottery—Glazing | MTWTh | Ei. Half or Full Qr. | 1 or 2 | Lowe | G-204 |
| Biol. 1 | Educational Biology | MTWTh | Full Quarter | 3 | Cottle | 301 |
| Chem. 1 | Inorganic Chem. (Lab. by Appt.) | MW | Full Quarter | 3 | Bowers | 300 |
| Chem. 4 | Inorganic Chem. (Lab. by Appt.) | MW | Full Quarter | 4 | Bowers | 300 |
| Com. Ed. 50 | Principles of Accounting 1 | MTWTh | Full Quarter | 4 | Colvin | 214 |
| Com. Ed. 105 | Secretarial Science | MWF | Full Quarter | 3 | Merriman | 213 |
| Com. Ed. 106 | Teaching of Shorthand | TTh | Second Half | 1 | Merriman | 213 |
| Com. Ed. 107 | Teaching of Typewriting | TTh | First Half | 1 | Knies | 210 |
| 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 | Principles of Teaching in H. S. | MTWTh | Full Quarter | 4 | { Blue Prunty } | T-3 |
| Ed. 114 | Primary Supervision | MTWTh | Ei. Half or Full Qr. | 2 or 4 | Griswold | |
| Ed. 115 | Org. and Adm. of Elem. School | MTWTh | First Half | 2 | Risley | 203 |
| Ed. 123 | Ed. Research—Sen. Coll. Students | Arrange | Ei. Half or Full Qr. | 2 or 4 | Rugg | 201 |
| Ed. 142 | City School Administration | MTWTh | Ei. Half or Full Qr. | 2 or 4 | { Clough Engelhardt Andrews Barton } | 207 |
| Ed. 148 | Meth. of Teach. by Indiv. Instrn. | MTWTh | Second Half | 2 | Washburne | |
| Ed. 223 | Thesis Seminar | MTW | Full Quarter | 3 or 4 | Whitney | T-121 |

| Time and Cat. No. | Description | Days | May be Taken for Credit | Qr. Hrs. | Teacher | Room |
|-------------------|---|-------|----------------------------|----------|-------------|---------|
| Ed. 242 | Problems of Educational Adm. | MTWTh | Ei. Half or Full Qr. | 2 or 4 | Ganders | T-16 |
| Eng. 1 | Mat. and Meth. in Read. & Liter. | MTWTh | Second Half | 3 | Casey | T-13 |
| Eng. 13 | The Art of Story Telling | Daily | First Half | 3 | Casey | T-13 |
| Eng. 16 | Contemporary Literature | Daily | Full Quarter | 4 | DuBois | 100 |
| Eng. 103 | Adv. Public Speaking | MTTh | Full Quarter | 3 | Tobey | 202 |
| Eng. 133 | The Recent Novel | MTThF | 1st Half or Full Qr. | 2 or 4 | Boardman | 100A |
| French 1 | Beginning French | MTThF | Ei. Half or Full Qr. | 2 or 4 | Goebel | T-216 |
| Geog. 12 | Geog. Methods—Intermediate | MTThF | Either Half | 2 | Bland | 101 |
| Hist. 109 | Slavery, Secession, Reconstruction | MTWTh | Full Quarter | 4 | Dickerson | 104 |
| H. A. 4 | Millinery (Double Pd.) | TWThF | 1st Half or Full Qr. | 2 or 4 | Roudebush | HE-301 |
| H. Sci. 4 | Nutrition | MTWTh | 1st Half or Full Qr. | 2 or 4 | Jean | HE-207 |
| H. & P. E. 101 | Physiology | Daily | First Half | 3 | Long | 1 |
| H. & P. E. 101a | Physiology of Exercise | Daily | Second Half | 3 | Long | 1 |
| Ind. Arts 1 | Tech. & Theory of Wdwkg. I (Double Pd.) | MTWTh | Ei. Half or Full Qr. | 2 or 4 | Harmon | T-15 |
| Ind. Arts 11 | Projection, Shade and Shadow | MTWTh | Ei. Half or Full Qr. | 2 or 4 | Hadden | G-105 |
| Lib. Sci. 107 | Adm. and Hist. of Libraries | TTh | Full Quarter | 2 | Carter | Library |
| Math. 5 | College Algebra | MTThF | Ei. Half or Full Qr. | 2 or 4 | Tobey | T-101 |
| Math. 101 | Differential Calculus | MTThF | Ei. Half or Full Qr. | 2 or 4 | Finley | 304 |
| Math. 102 | Integral Calculus | MTThF | Ei. Half or Full Qr. | 2 or 4 | Finley | 304 |
| Music 3 | Introductory Harmony | Daily | First Half | 3 | Thomas | Con. |
| Music 4 | Advanced Harmony | Daily | Second Half | 3 | Thomas | Con. |
| Music 20 | Ancient and Medieval Music | Daily | First Half | 3 | Opp | Con. |
| Music 21 | Modern Composers | Daily | Second Half | 3 | Opp | Con. |
| 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 | Daily | Either Half | 2 | Cave | Field |
| P. E. 166b | Basket Ball Coaching | Daily | First Half | 2 | Cooper | Gym. |
| Psych. 3 | Child Development | MTThF | Full Quarter | 4 | Hamill | 102 |
| Psych. 108a | Educ. Tests and Measurements | MTWTh | Ei. Half or Full Qr. | 2 or 4 | Heilman | 103 |
| Psych. 113 | Vocational Psychology | MTWTh | Full Quarter | 4 | Young | T-103 |
| Soc. 102 | Early Civilization | MTWTh | Full Quarter | 4 | Howerth | 208 |
| Soc. 140 | Sociology of Lester F. Ward | MTWTh | Full Quarter | 4 | Unger | L-1 |
| Span. 105 | Advanced Spanish | MTWTh | Ei. Half or Full Qr. | 2 or 4 | DuPoncet | 205 |
| Zool. 4 | Practical Zoology | MTWTh | Full Quarter | 4 | Fitzpatrick | 303 |

| Time and Cat. No. | Description | Days | May be Taken for Credit | Qr. Hrs. | Teacher | Room |
|--------------------------|--------------------------------------|-------|----------------------------|----------|---|-------|
| V. 11:00 to 11:50 | | | | | | |
| Art 2 | Draw. and Design Meth.—Prim. | TWThF | Ei. Half or Full Qr. | 2 or 4 | Hicok | G-203 |
| Art 7 | Constructive Design | MTThF | 1st Half or Full Qr. | 2 or 4 | Baker | G-204 |
| Art 13 | App. Art Meth.—Prim. | MTWTh | Ei. Half or Full Qr. | 2 or 4 | Klee | G-200 |
| Bot. 101 | Field Botany | MTWTh | Full Quarter | 4 | Jean | 303 |
| Biol. 1 | Educ. Biology (Take at 8:00 also) | MTWTh | Either Half | — | Fitzpatrick | 301 |
| Bkdg. 103a | Adv. Leather Craft (Double Pd.) | MTWTh | Ei. Half or Full Qr. | 2 or 4 | Schaefer | G-100 |
| Chem. 2 | Inorganic Chem. (Lab. by Appt.) | MW | Full Quarter | 3 | Bowers | 300 |
| Chem. 5 | Inorganic Chem. (Lab. by Appt.) | MW | Full Quarter | 4 | Bowers | 300 |
| Com. Ed. 1 | Principles of Shorthand | MTThF | Full Quarter | 4 | Merriman | 213 |
| Com. Ed. 104 | Secretarial Practice II | MTThF | Full Quarter | 4 | Merriman | 212 |
| Com. Ed. 143 | Commercial Law I | MTThF | Full Quarter | 4 | Bedinger | T-121 |
| Com. Ed. 154 | Business Organization | MTWTh | Full Quarter | 4 | Colvin | 214 |
| Ed. 1 | Introduction to Education | TWTh | Full Quarter | 3 | Hay | T-11 |
| Ed. 15 | Educational Guidance | MTWTh | First Half | 2 | { Hook Rynearson } | T-103 |
| Ed. 20 | Agricultural Education | MTWTh | Ei. Half or Full Qr. | 2 or 4 | Hargrove | L-13 |
| Ed. 104 | The Project Method of Teaching | MTWTh | First Half | 2 | Armentrout | |
| Ed. 143 | Nat., State and County Adm. | MTWTh | Ei. Half or Full Qr. | 2 or 4 | { Clough Engelhardt Andrews Barton Risley Shaw } | 207 |
| Ed. 144 | School Publicity | MTWTh | First Half | 2 | { Risley Shaw } | 203 |
| Ed. 147 | Educational Surveys | MTWTh | Ei. Half or Full Qr. | 2 or 4 | Ganders | T-101 |
| Ed. 149 | Indiv. Instruction—Org. and Adm. | MTWTh | Second Half | 2 or 4 | Washburne | 203 |
| Ed. 152 | Prin. Underlying Ed. of Kdg. & Prim. | MTWTh | Ei. Half or Full Qr. | 2 or 4 | Griswold | L-1 |
| Ed. 211 | Conceptions of Mind in Ednl. Theory | MTWTh | Second Half | 2 | Armentrout | |
| Eng. 6 | American Literature | MTWTh | Full Quarter | 4 | DuBois | 100 |
| Eng. 11 | Hist. of the English Language | Daily | Full Quarter | 4 | Boardman | 100 |
| Eng. 106 | Teaching English in the H. S. | MTWTh | First Half | 3 | Hawes | T-3 |
| Geog. 8 | Human Geography | MTThF | Ei. Half or Full Qr. | 2 or 4 | Barker | 101 |
| Hist. 13 | Teaching History and Civics | Daily | First Half | 3 | Dickerson | 104 |

| Time and Cat. No. | Description | Days | May be Taken for Credit | Qr. Hrs. | Teacher | Room |
|-------------------|---------------------------------|-------|----------------------------|----------|-----------|---------|
| Hist. 104 | Literature of American History | MTWTh | Second Half | 2 | Dickerson | 104 |
| Hist. 105 | Medieval Institutions | MTWTh | Ei. Half or Full Qr. | 2 or 4 | Harding | 104 |
| H. A. 3 | Garment Making (Double Pd.) | MTWTh | Full Quarter | 4 | Jean | HE-301 |
| H. Sci. 2 | Foods and Cookery (Double Pd.) | MTWTh | Full Quarter | 4 | Pickett | HE-202 |
| H. A. 102 | Applied Design | MTThF | 1st Half or Full Qr. | 2 or 4 | Wiebking | HE-304 |
| Hyg. 7 | General Hygiene | Daily | Either Half | 3 | Long | T-9 |
| Hyg. 108 | Individual Hygiene (Women) | Daily | Either Half | 2 | Bryson | 1 |
| H. & P. E. 5 | History of Physical Education | MTWTh | First Half | 2 | Keys | |
| H. & P. E. 12 | First Aid | MTWTh | First Half | 2 | Cooper | |
| Ind. Arts 19 | Wood Turning (Double Pd.) | MTWTh | Ei. Half or Full Qr. | 2 or 4 | Fouk | G-7 |
| Ind. Arts 117 | Elements of Machine Design I | MTWTh | Ei. Half or Full Qr. | 2 or 4 | Hadden | G-105 |
| Lib. Sci. 1 | Elementary Library Course | TTh | Either Half | 1 | Carter | Library |
| Math. 6 | College Algebra | MTThF | Ei. Half or Full Qr. | 2 or 4 | Tobey | T-16 |
| Math. 103 | Theory of Equations | MTThF | Ei. Half or Full Qr. | 2 or 4 | Finley | 304 |
| Math. 201 | Differential Equations | MTThF | Ei. Half or Full Qr. | 2 or 4 | Finley | 304 |
| Music 1 | Sight Singing | Daily | First Half | 3 | Cline | Con. |
| Music 2 | Melody Writing | Daily | Second Half | 3 | Cline | Con. |
| P. E. 64b | Basket-Ball Coaching (Women) | MTWTh | Either Half | 2 | Cave | Gym. |
| P. E. 166d | Track Coaching | Daily | First Half | 2 | Irish | Track |
| Print. 103a | Adv. Printing (Double Pd.) | MTWTh | Ei. Half or Full Qr. | 2 or 4 | Bishop | G-104 |
| Psych. 108b | Edu. Tests and Measurements | MTWTh | Ei. Half or Full Qr. | 2 or 4 | Heilman | 103 |
| Psych. 214 | Advanced Educational Psychology | MTWTh | Full Quarter | 4 | Young | 102 |
| Soc. 130 | Social Psychology | MTWTh | Full Quarter | 4 | Binnewies | 208 |
| Soc. 209 | Seminar in Sociology | MTWTh | Full Quarter | 4 | Howerth | Arrange |
| Span. 131 | Teach. of Spanish in the H. S. | MTWTh | Ei. Half or Full Qr. | 2 or 4 | PuPoncet | 205 |

PROGRAM OF CLASSES

VI. 12:00 to 12:50

| | | | | | | |
|-------------|--------------------------|-------|----------------------|--------|----------|-------|
| Art 13 | Applied Art. Meth.—Prim. | MTWTh | Ei. Half or Full Qr. | 2 or 4 | Hicok | G-203 |
| Art 13 | Applied Art. Meth.—Prim. | MTWTh | Ei. Half or Full Qr. | 2 or 4 | Klee | G-200 |
| Bact. 1 | Elementary Bacteriology | MTWTh | Full Quarter | 4 | Cottle | 303 |
| Bkdg. 103b | Advanced Leather Craft | MTWTh | Ei. Half or Full Qr. | 1 or 2 | Schaefer | G-100 |
| Com. Ed. 11 | Beginning Typewriting | MTThF | Full Quarter | NC | Knies | 210 |

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| Time and Cat. No. | Description | Days | May be Taken for Credit | Qr. Hrs. | Teacher | Room |
|-------------------|---------------------------------|-------|----------------------------|----------|------------------------|---------|
| Com. Ed. 56 | Penmanship Methods | MTThF | 1st Half or Full Qr. | 1 or 2 | Bedinger | 214 |
| Com. Ed. 157 | Methods in Commercial Education | TTh | Full Quarter | 2 | Colvin | 213 |
| Ed. 1 | Introduction to Education | MTW | Full Quarter | 3 | Hunt | 203 |
| Ed. 105 | Practical Projects—Prim. | MTWTh | Ei. Half or Full Qr. | 2 or 4 | Griswold | T-3 |
| Ed. 112 | School House Construction | MTWTh | Second Half | 2 | { Andrews Barton | } 102 |
| Ed. 120 | Educational Finance | MTWTh | First Half | 2 | { Engelhardt Clough | |
| Ed. 229 | Current Educational Thought | MTWTh | Full Quarter | 4 | Ganders | |
| Ed. 216 | Problems of Secondary Education | MTWTh | Ei. Half or Full Qr. | 2 or 4 | Blue | T-216 |
| Eng. 2 | Teaching of Written English | Daily | First Half | 3 | Hogan | T-13 |
| Geog. 54 | Geography of Africa | MTThF | Ei. Half or Full Qr. | 2 or 4 | Barker | 101 |
| Hist. 27 | Contemporary History | MTWTh | Either Half | 2 | Harding | 104 |
| H. A. 112 | Interior Decoration | MTThF | Ei. Half or Full Qr. | 2 or 4 | Wiebking | HE-304 |
| H. Sci. 108 | The House and Sanitation | MTWTh | 1st Half or Full Qr. | 2 or 4 | Roudebush | HE-207 |
| H. & P. E. 12a | Athletic Training | TTh | First Half | 1 | Cooper | T-121 |
| H. & P. E. 103 | Anthropometry | MTWTh | Full Quarter | 4 | Cave | T-103 |
| H. & P. E. 168a | Administration of Athletics | MW | First Half | 1 | Cooper | T-121 |
| Ind. Arts 201 | Seminar (On Demand) | Appt. | Ei. Half or Full Qr. | 2 or 4 | Hadden | Arrange |
| Math. 2 | Trigonometry | MTThF | Ei. Half or Full Qr. | 2 or 4 | | 304 |
| Music 10 | Primary Methods | Daily | First Half | 3 | Roesner | T-12 |
| Music 11 | Intermediate Methods | Daily | Second Half | 3 | Roesner | T-12 |
| Psych. 2b | Educational Psychology | Daily | Either Half | 3 | Young | 103 |

VII. 2:00 to 2:50

| | | | | | | |
|----------|--------------------------------------|-------|-----------------------|--------|-------|----------------|
| Ed. 16 | Camp Fire Leadership—Elem. | MW | Either Half | 1 | Lee | L-1 |
| Ed. 16a | Camp Fire Leadership—Adv. | TTh | Either Half | 1 | Lee | L-1 |
| Ed. 17 | Training for Boy Scout Masters | MW | First Half | 1 | Moore | 102 |
| Ed. 100b | Reconstruction of the School Curric. | MTWTh | Ei. Half or Full. Qr. | 2 or 4 | | Little Theatre |

Frasier, E. U. Rugg, Clark, H. O. Rugg, Threlkeld, Harap, Pearson, Washburne, Armentrout, Whitney, Cross.

| Time and Cat. No. | Description | Days | May be Taken for Credit | Qr. Hrs. | Teacher | Room |
|-------------------|------------------------------|-------|----------------------------|----------|----------|------|
| Ed. 223 | Research in Education | MTW | Full Quarter | 3 | Whitney | T-16 |
| Music 122 | Apprec. for the Concert-Goer | MTWTh | First Half | 2 | Southard | Con. |

VIII. 3:00 to 3:50

| | | | | | | |
|----------|-----------------------|-------|----------------------|--------|--|----------------|
| Ed. 100a | Problems of Education | MTWTh | Ei. Half or Full Qr. | 2 or 4 | | Little Theatre |
|----------|-----------------------|-------|----------------------|--------|--|----------------|

Forty Special Teachers

| | | | | | | |
|----------|---------------------------------------|---------|----------------------|--------|--------|--------|
| Ed. 165 | Great Personalities of the Old. Test. | MW | First Half | 1 | Wilson | 203 |
| Ed. 166 | Personality & Teaching of Jesus | MW | Second Half | 1 | Wilson | 203 |
| Eng. 160 | Literature of the Bible | MWTh | Full Quarter | 3 | Church | 100 |
| Music 43 | Advanced Orchestra | MW | Full Quarter | 1 | Thomas | Con. |
| Music 44 | Advanced Band | TTh | Full Quarter | 1 | Thomas | Con. |
| P. E. 50 | Characteristic Dancing | MTWTh | Second Half | 2 | Keyes | 6 |
| P. E. 53 | Light Gymnastics | MTWTh | Either Half | 2 | Cave | Gym. |
| P. E. 65 | Tennis (Three Periods) | Arrange | Ei. Half or Full Qr. | ½ or 1 | Martz | Courts |

IX. 4:00 to 4:50

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

| | | | | | | |
|-----------|------------------------|---------|----------------------|--------|-------|--------|
| Music 42 | Schumann Club | TTh | Full Quarter | 1 | Cline | Con. |
| P. E. 57 | Folk Dancing | MTTh | Ei. Half or Full Qr. | ½ or 1 | Keyes | 6 |
| P. E. 64c | Baseball (Women) | MTTh | Ei. Half or Full Qr. | ½ or 1 | Cave | Field |
| P. E. 65 | Tennis (Three Periods) | Arrange | Ei. Half or Full Qr. | ½ or 1 | Martz | Courts |

X. 5:00

| | | | | | | |
|-----------|------------------------|---------|----------------------|--------|-------|--------|
| P. E. 65 | Tennis (Three Periods) | Arrange | Ei. Half or Full Qr. | ½ or 1 | Martz | Courts |
| P. E. 167 | Coaching Practice | Daily | Either Half | 2 | Cave | Gym. |

XIII. 7:00 to 8:00

EVENING LECTURE COURSE—NO CREDIT—REQUIRED OF ALL.

Gym. 63

WUOLAKAU STATE
TEACHERS COLLEGE
Greenville, Colo.

TEXT-BOOK LIST

Text-books are not used in all courses. Some courses are conducted by the lecture, library reading, and recitation method. Wherever text-books are used and these are known at the time this program goes to press, the basic text-book is listed below for the convenience of those who have books already purchased or who wish to purchase their books at home before coming to Greeley.

The College maintains a book store where new books may be bought as cheaply as anywhere.

The following books will be used:

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

- Biology 1. Woodruff, Foundations of Biology.
Botany 101. Coulter & Nelson, New Manual of Rocky Mountain Botany.
Zoology 4. Reese, Economic Zoology.
Zoology 5. Reed, Western Bird Guide.
Bact. 1. Buchanan, Bacteriology.
Biotics 101. Walter, Genetics; Popenoe & Johnson, Applied Eugenics.

Chemistry

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

Commercial Arts

- Com. Arts 155. Nystrom, Economics of Retailing.
Com. Arts 56. Palmer, Palmer Method Manual.
Com. Arts 153. Whitehead, Principles of Salesmanship.
Com. Arts 143. Conyngton, Business Law.
Com. Arts 102. Kester, Accounting Theory & Practice, Vol. 1.
Com. Arts 53. Smith, Arithmetic of Business.
Com. Arts 150. 20th Century Bank Accounting.
Com. Arts 50. Kester, Accounting Theory & Practice, Vol. 1.
Com. Arts 154. Walker, Business Organization.
Com. Arts 157. Kahn & Klein, Principles & Methods in Commercial Education.
Com. Arts 11, 12 & 113. Gregg, New Rational Type-writing.
Com. Arts 1. Gregg, Shorthand Manual.
Com. Arts 104. Gardner, Constructive Dictation.
Com. Arts 105. Gregg & Hagar, Secretarial Studies.
Com. Arts 103. Gregg, Speed Studies.

Education

- Ed. 1. Frasier-Armentrout: Introduction to Education.
- Ed. 3. Pennell & Cusack, How to Teach Reading; Stone, How to Teach Primary Numbers.
- Ed. 4. Phillips, Modern Methods and the Elementary Curriculum.
- Ed. 5. Parker, Methods of Teaching.
- Ed. 10. Bonser, The Elementary School Curriculum; Department of Superintendence, N. E. A. Third Year Book, 1925—"Research in Constructing the Elementary School Curriculum."
- Ed. 15. Bloomfield, Vocational Guidance; Brewer, Vocational Guidance.
- Ed. 20. Widtsoe, Western Agriculture.
- Ed. 21. Pittman, Problems of the Rural Teacher.
- Ed. 28. Davis, Home and School Gardens.
- Ed. 51. Sies, Spontaneous and Supervised Play. Selected List of Poetry and stories compiled by the International Kindergarten Union.
- Ed. 52. Hill, Conduct Curriculum for the Kindergarten and Primary Grades.
- Ed. 101. Waples, Procedures in High School Teaching; Colvin, Introduction to High School Teaching.
- Ed. 104. Hoscic & Chase, Brief Guide to the Project Method; Stevenson, Project Method of Teaching.
- Ed. 106. Parker, Types of Teaching and Learning; Wheat, The Teaching of Reading.
- Ed. 107. 24th Year Book, Part 1, of the National Society for the Study of Education.
- Ed. 108. 18th Year Book, Part II, of the National Society for the Study of Education.
- Ed. 111. Dewey, Democracy and Education.
- Ed. 112. Strayer & Engelhardt, Standards and Score Card for Elementary School Buildings; Strayer & Engelhardt, Standards and Score Card for High School Buildings.
- Ed. 113. Briggs, The Junior High School; Davis, Junior High School Education.
- Ed. 115. Cubberley, The Principal and His School.
- Ed. 116. Belting, The Community and Its High School.
- Ed. 120. Strayer & Haig, Educational Finance Inquiry, Vol. I. Case, Handbook for Distribution of Educational Expenditures.
- Ed. 125. Brim, Rural Education.
- Ed. 126. Collings, An Experiment with the Project Curriculum.
- Ed. 133. Cubberley, History of Education.
- Ed. 134. Cubberley, Public Education in the United States.
- Ed. 142. Strayer & Evenden, Syllabus, Principles of Educational Administration; Cubberley, City School Administration.
- Ed. 143. Strayer & Evenden, Syllabus, Principles of Educational Administration; Cubberley, State and County Educational Administration.
- Ed. 144. Miller & Charles, Publicity for the Public Schools.
- Ed. 148. 24th Yearbook, Part II, National Society for the Study of Education.
- Ed. 149. 24th Yearbook, Part 11, National Society for the Study of Education.
- Ed. 152. Hartman, The Child and the Curriculum.
- Ed. 166. Kent, Chas. F., Life & Teachings of Jesus.
- Ed. 211. Bode, Fundamentals of Education.
- Ed. 213. 22nd Year Book, Part II, of the National Society for the Study of Education; Third Year Book, 1925, Department of Superintendence of the N. E. A.

Literature and English

- English 4. The Little Grammar, E. A. Cross (Atlantic).
Modern American Speeches, L. W. Boardman (Longmans).
- English 15. Types of Great Literature, Houston & Bonell (Doubleday, Page).
- English 133. A Manual of the Art of Fiction, Clayton Hamilton (Doubleday, Page & Co.).
- English 11. Modern English, G. P. Krapp (Scribner's).
- English 120. Introduction to Poetry, Hubbell & Beaty (Macmillan).
- English 18. How to Debate, Babcock & Powell (Lippincott).
- English 105, 106 and 2. U. S. Bulletin 1917, No. 2 (Supt. of Documents, Washington, D. C.).
- English 127. Complete edition of Shakspeare; Downden's, Shakspeare Primer.
- English 20. Freshman Composition, Lathrop (Century).
- English 6. Three Centuries of American Poetry & Prose, Newcomer & Andrews (Scott, Foresman).
- English 102a. Editing The Day's News, Bastian (Macmillan Co.).

Geography

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

History

- History 4. Turner, Rise of the New West.
- History 6. Hoyes, Political and Social History of Europe, Vol. II.
- History 13. Johnson, Teaching of History in the Elementary Schools.
- History 27. Gibbons, An Introduction to World Politics.
- Pol. Sci. 1. Beard, American Government and Politics.

Mathematics

- Math. 1. Palmer and Taylor, Solid Geometry.
- Math. 2. Rothrock, Trigonometry.
- Math. 5 and 6. Rietz and Crathorne, Introduction to College Algebra.
- Math. 7. Smith and Gale, Analytics.
- Math. 101 and 112. Granville, Calculus.
- Math. 103. Dickson, Theory of Equations.
- Math. 201. Murray, Differential Equations.

Music

- Music 1. McLaughlin & Gilchrest, 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 13. Millikan's Mechanics, Molecular Physics & Heat, and Stewart's College Physics.

Physics 14. Millikan & Mills' Electricity, Sound & Light, and Stewart's College Physics.

Physics 15. Berthoud's The New Theories of Matter & the Atom.

Physics 16. Rusk's How to Teach Physics.

Psychology

Psych. 2a. Freeman, How Children Learn.

Psych. 2b. Gates, Psychology for Students of Education.

Psych. 3. Norsworthy and Whitley, Psychology of Childhood.

Psych. 105. Judd, Psychology of High School Subjects.

Psych. 104. Freeman, Psychology of Common Branches.

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. 113. Griffitts, Vocational Psychology.

Psych. 214. Thorndike, Educational Psychology, Part II, Psychology of Learning.

Romance Languages

Spanish 1. Wagner's Spanish Grammar.

Spanish 5. Cuentos Mexicanos, Johnson.

Spanish 105. La Malquerida, Benavente.

Spanish 131. Palmer's The Teaching of Modern Languages.

Sociology

Sociology 3. Howerth, The Art of Education.

Sociology 2. Dealey and Ward, Textbook in Sociology.

Sociology 132. Goodsell, The Family as a Social and Educational Institution.

Sociology 105. Ross, Outlines of Sociology.

Sociology 110. Johnson, Introduction to Economics.

Sociology 140. Ward, Pure Sociology.

Sociology 130. Bogordus, Essentials of Social Psychology.



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
1925

June 16. Tuesday.....Registration Day for the Summer Quarter

June 17. Wednesday Classes begin

A fee of two dollars is collected for late registration—after Tuesday, June 16.

July 22. Wednesday.....The first half of the Summer Quarter closes

Students, if possible, should enroll June 16 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 23. Thursday.....New Enrollment for the second half Quarter
Classes begin

Aug. 27. Thursday.....The Summer Quarter closes
Graduation Day
