

CATALOG  
and  
YEAR BOOK

COLORADO STATE TEACHERS COLLEGE

1923 - 1924

GREELEY, COLORADO  
PUBLISHED BY THE COLLEGE  
APRIL, 1923



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THE COLLEGE CALENDAR

1923

- Oct. 2. *Tuesday* .....Registration Day for the Fall Quarter.
- Oct. 3. *Wednesday*.....Classes Begin.
- Nov. 29-30. ....Thanksgiving Recess.
- Dec. 20. *Thursday* .....The Fall Quarter Closes.

1924

- Jan. 2. *Wednesday* .....Registration Day for the Winter Quarter.
- Jan. 3. *Thursday* .....Classes Begin.
- Feb. 22. *Friday* .....Washington's Birthday.
- Mar. 14. *Friday* .....Winter Quarter Closes.
- Mar. 18. *Tuesday* .....Registration Day for Spring Quarter.
- Mar. 19. *Wednesday* .....Classes Begin.
- May 2. *Friday* .....Insignia Day.
- May 30. *Friday* .....Memorial Day.
- June 4. *Wednesday* .....Commencement Exercises.
- June 10. *Tuesday* .....Registration Day for the Summer Quarter.
- June 11. *Wednesday* .....Classes Begin.
- July 4. *Friday* .....Independence Day.
- Aug. 21. *Thursday* .....Summer Quarter Closes
- Sept. 30. *Tuesday*.....Registration Day, Fall Quarter.

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IMPORTANT ANNOUNCEMENT

CERTIFICATES OF HIGH SCHOOL GRADUATION.—Students enrolling for the first time in the College and those whose admission to the College has not yet been formally arranged must present a transcript from an acceptable high school. This transcript must cover at least fifteen units properly distributed among the special groups listed on page 19, and contain a statement of graduation. Diplomas are not required except where such a statement is not shown, or where an official transcript is not available.

Students not high school graduates may be admitted conditionally upon presenting a certificate showing the completion of fourteen units. This condition must be removed during the first year by taking one unit of work in the Teachers College High School.

SPECIAL STUDENTS—See page 20 for a statement concerning admission as unclassified students.

## TRUSTEES OF THE COLLEGE

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HON. GEORGE HETHERINGTON, Gunnison.....	Term Expires 1929
HON. H. V. KEPNER, Denver.....	Term Expires 1927
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HON. GEORGE A. CARLSON, Denver.....	Term Expires 1925
HON. ROSEPHA C. PULFORD, Durango.....	Term Expires 1925
HON. MARY C. C. BRADFORD, Denver.....	Term Expires 1925

*State Superintendent of Public Instruction*

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THE PRESIDENT, Colorado State Teachers College.

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JOHN GRANT CRABBE, A.M., Pd.D., LL.D.....	President of the College
ETHAN ALLEN CROSS, A.M.....	Dean of the College
J. P. CULBERTSON.....	Secretary to the President
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ALBERT FRANK CARTER, M.S.....	Librarian
VERA CAMPBELL.....	Assistant Librarian
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MISS MAUDE ARMSTRONG.....	File Clerk
MISS FLETA CRAIG.....	Stenographer
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MISS IDA JONES.....	Stenographer
MISS MARY HUNTINGTON.....	Stenographer
MRS. WALTER SATTERFIELD.....	Stenographer
MRS. HELEN BUCHER.....	Stenographer



## THE FACULTY

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Graduate in music, Washington State College; Graduate Student Columbia University; Voice under Percy Rector Stevens; Composition under Arthur Edward Johnston; United States Infantry Band, Montana; Ninth C. A. C. Band U. S. A. Florida; Director of Music at Chehalis, Washington, State Training School; Head of Department of Music and Dramatic Art, State Teachers College, Cheney, Washington; Phi Mu Alpha; Sinfonia.

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## M. EVA WRIGHT

*Piano and Pipe Organ*

Student under the Artists and Masters, William H. Sherwood, Chicago; Samuel Fabion, Washington, D. C.; Alfred G. Robyn, New York; W. H. Jones, College of Music of Ceminote; Certificates in Piano and Organ under Rudolph Ganz and Clarence Eddy, Chicago Musical College; Organist and Director of Old Brunton Parish Church, Williamsburg, Virginia; Organist, St. Thomas Church, Norfolk, Virginia; Instructor, William Wood College, Bollenger, Conservatory; Alfred University and Norfolk, Virginia; Member, American Guild of Organists, Ohio Chapter.

## \*D. L. ZYVE

*Professor of Physics*

B.S., Gymnasium of Warsaw; Student, University of Warsaw; Higher Diploma, University of Paris; M.S., University of Grenoble; Graduate Student University of Warsaw; Graduate Student, Columbia University; Instructor of Physics, The Velton School, New York; Professor of Physics, Cours St. Louis, Paris, France; Professor of Physics, College of Normandy, France; Chemist with the British Commission during the Great War.

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\*On Leave.



## SUMMER QUARTER, 1923

## SPECIAL FACULTY

EDWARD HOWARD GRIGGS, A.M., L.H.D., LL.D., author, and lecturer on literature and philosophy.

EDWARD H. REISNER, Ph.D., Associate Professor of Education, Teachers College, Columbia University. Administration.

JOHN ADAMS, A.M., Emeritus Professor of Education, University of London. Education, and evening lecturer.

JOHN W. WITHERS, Ph.D., LL.D., Dean of the School of Education, University of New York. Administration, and evening lecturer.

ERNEST HORN, Ph.D., College of Education, University of Iowa. Education.

A. S. RAUBENHEIMER, Ph.D., Psychologist, Leland Stanford University. Educational psychology.

ALFRED L. HALL-QUEST, A.M., Ph.D., Professor of Secondary Education, Teachers College, University of Cincinnati. Secondary education.

C. R. FOSTER, Superintendent Latimer Junior High School, Pittsburg, Pa. Secondary education.

JOHN J. TIGERT, LL.D., United States Commissioner of Education. Special lecturer on national educational movements and developments.

JESSE H. NEWLON, A.M., LL.D., Superintendent Denver Public Schools. Administration, and evening lecturer.

EMANUEL STERNHEIM, D.D., Lecturer, University of New York, and Extension Lecturer, University of Minnesota. Educational and sociological problems, and evening lecturer on sociological questions.

WILLIAM MATHER LEWIS, A.M., Chief of the Educational Service U. S. Chamber of Commerce. Special courses and evening lecturer.

J. H. BEVERIDGE, A.M., Pd.D., Superintendent of the Omaha Public Schools. Administration.

GEORGE MELCHER, Assistant Superintendent of Schools, Kansas City, Mo. Administration.

DALLAS LORE SHARP, Litt.D. Lecturer, and Professor of English, Boston University. Literature, and Lecturer.

CORA WILSON STEWART, Chairman of the Illiteracy Commission of the National Education Association. Special problems, and evening lecturer.

- J. H. RISLEY, A.M., Superintendent of the Pueblo Public Schools. Administration.
- EARL D. BRUNER, Superintendent George Junior Republic, Grove City, Pa. Special open classes.
- EDWARD A. STEINER, D.D., Professor of Social Sciences, Grinnell College, Grinnell, Iowa. Special lecturer on sociological questions, both day and evening.
- RODNEY A. PUFFER, Director of vocational guidance, Denver Public Schools. Lecturer on vocational guidance and public school publicity.
- DAVID LEFKOWITZ, Rabbi, Dallas, Texas. Lecturer Jewish Chautauqua Association. Lecturer open courses, and evening lecturer.
- F. H. BAIR, A.M., Superintendent of Colorado Springs Public Schools. English and Literature.
- J. M. BLEDSOE, A.M., Professor of Mathematics, East Texas State Normal School. Mathematics.
- JOHN C. RANSOM, Oxford Professor of English, Vanderbilt University. English and literature.
- ALMA B. CALDWELL, A.M., Supervisor of Elementary Education in the Public Schools of Cleveland, Ohio. Primary supervision, and principles of teaching in the elementary school.
- ALICE KILLGORE, Special Elementary Teacher in the Minneapolis Public Schools. Primary supervision, and principles of teaching in the elementary schools.
- H. B. BRUNER, Superintendent of Schools, Okmulgee, Oklahoma. Administration.

## COMMITTEES OF THE FACULTY

## FACULTY COUNCIL

President of the College, Ex-officio; Dean of the College Ex-officio; Mr. Finley, Dean Frasier, Director Armentrout, Miss Tobey, Mr. Smith.

## COMMITTEE ON COMMITTEES:

President of the College, Ex-officio; Dean of the College, Ex-officio; Mr. Blue, Mr. Jean, Mr. Barker, Mr. Boardman, Mr. Heilman.

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*NOTE:*—The President of the College is ex-officio a member of all committees.

*Clerk of the Faculty:* Mr. Colvin.

*Admission and Credits:* Dean of the College, Dean of the Graduate School, Mr. Smith, Mr. Bowers.

*Alumni:* Mr. Bell, Mr. Hadden, Mrs. Wiebking, Mr. Hunt, Miss Nicholson, Mr. Foulk, Mr. Carter.

*Arts-Crafts:* Miss Baker, Mr. Hill, Mr. Schaefer, Mrs. Wiebking.

*Artist Series*—For the Faculty: Mr. Finley, Mr. Colvin, Mr. Cline, Mr. Knies, Mr. Culbertson; For the City: Mr. Hansen, Mrs. Kelly, Mr. Mathews, Judge Southard, Mr. Dodds.

*Assembly:* Mr. Wright, Mr. Howerth, Miss Roudebush, Director of the Conservatory, Miss Davis, Mr. Bowers.

*Calendar:* Dean of Women, Mr. Long, Miss Tobey.

*Course of Study:* Dean of the College, Dean of the Graduate School, Mr. Armentrout, Miss Baker, Mr. Barker, Mr. Boardman, Mr. Bowers, Mr. Burrows, Mr. Colvin, Mr. DuPoncet, Mr. Finley, Mr. Hadden, Mr. Wright, Mr. Hargrove, Mr. Heilman, Mr. Howerth, Mr. Jean, Mr. Cline, Mr. Long, Mr. Smith, Miss Roudebush, Mr. Zyve.

*Estes Park Outings:* Mr. Bell, Mr. Bishop, Mr. Hargrove.

*Faculty Club:* Miss Newman, Miss Lyford, Mrs. Wiebking, Mr. Hunt, Mrs. Sibley, Miss Lowe, Miss Pickett, Mr. Bedinger, Mr. Herman.

*Loan Funds:* Dean of the Graduate School, Principal of the High School, Miss Hawes, Mr. Colvin, Mr. Bowers, Mr. Long, Mr. McMurdo.

*Museum:* Mr. Hadden, Mr. Barker, Mr. Jean.

*Official Publications:* Dean of the College, Mr. Shaw.

*Religious Organizations:* Miss Wilson, Mr. Finley, Mr. Bishop, Miss Bryson, Miss Dilling, Mrs. Van Meter.

*Research:* Mr. Heilman, Mr. Boardman, Mr. Jean, Mr. Smith, Mr. Zyve.

*Scholarships:* Dean of the Graduate School, Director of Extension Service, Director of Training Schools.

*Student Programs:* Mr. Heilman, Miss Bere, Miss McCowan.

*Student Receptions:* Miss Baker, Miss Roudebush, Miss Metsker, Miss Roesner, Mr. Finley, Mr. Mallory.

*Teachers Bureau:* Director of the Training Schools, Principal of the High School, Director of Extension Service, Mr. A. F. Carter.

*Text-Books:* Librarian, Dean of the College, Mr. Smith, Mr. Burrows, Miss Putzke, Mr. Blue, Manager of the Bookroom.

*Visual Education:* Mr. Burrows, Mr. Barker, Mr. Long, Mr. Zyve.

*Women's Building:* Dean of Women, Miss Peak, Miss Pickett.

PART I

ADMISSION TO THE COLLEGE—GRADUATION  
—GENERAL INFORMATION



## COLORADO STATE TEACHERS COLLEGE

LOCATION—Colorado State Teachers College is located at Greeley, in Weld County, Colorado, on the Union Pacific and the Colorado & Southern Railways, fifty-two miles north of Denver. This city is in the valley of the Cache la Poudre river, one of the richest agricultural portions of the state. The altitude is 4567 feet above sea level. The streets are lined with trees, forming beautiful avenues. The elevation and distance from the mountains render the climate mild and healthful. The city is one of Christian homes and contains churches of all the leading denominations. There are 14,000 inhabitants.

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 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, critic teachers, teachers of defective and atypical children, teachers for adult night schools, etc.

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 actually all the demands of the best in the public school system of the present, 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 AND GRADUATION

FORMAL NOTICE OF A CHANGE OF POLICY TO GO INTO EFFECT SEPTEMBER 1, 1923

On September 1, 1923, Colorado State Teachers College will put into practice the following regulations concerning admission and graduation:

## I. ADMISSION

1. Graduates of high schools accredited by the North Central Association will be required to present a transcript showing the completion of three or more units of English, and twelve or more units chosen from at least four of the following groups.

- a. The social sciences (History, Civics, etc).
- b. Foreign Languages (Not less than two units in any one language to be accepted).
- c. Mathematics.
- d. The Physical Sciences (Physics, Chemistry, Biology, Botany, Zoology, Physical Geography, Physiology, Hygiene, and Agriculture).
- e. Music and Art.
- f. Commercial subjects.
- g. Home Economics and Manual Art.

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

3. Conditional admission will be granted to students who can present only 14 units in the groups indicated; but these students will be limited

to a 12-hour college program and required to carry one unit in the high school until the deficiency is removed.

4. Adult students 20 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.

## II. GRADUATION

Students coming up for graduation after September 1, 1924, will be 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 will mean that the student must meet the entrance requirements outlined in sections 1, 2, 3, or 4 above. It will also mean cutting off credit for life experience, teaching experience; penmanship, art, and music certificates; private lessons in art, music, etc.; and cutting down excessive credit for a quarter's work and especially the excessive credit formerly given for the summer term of six weeks.

Until that date the College will continue to grant the two year certificate under the conditions which prevailed at the time a student entered the College, or the A. B. degree under the conditions prevalent at the time the student entered the senior college, or the A. M. degree under the conditions current at the time the student was admitted to the graduate school, provided that this regulation shall not obligate the College to extend the time farther back than four years for the completion of the Junior College work and another four years for the completion of the Senior College.

UNCLASSIFIED STUDENTS—Any student who can meet the entrance requirements may enroll in the College and take any subjects he may elect without taking the prescribed subjects in any of the outlined courses of study. This provision makes it possible for students whose interests are in other types of work than teaching to live at home and get one year or more of general college work before going away to college. Such general academic work is accepted by the leading colleges of the country and applied upon the various courses which they offer.

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 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. If first or second year college subjects have been studied in a fifth year in a high school, such credit as these subjects deserve will be allowed.

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. This test is given as a substitute for the Army Alpha intelligence test formerly required. A fee of one dollar is charged to cover the cost of the test and scoring. For the present the score on this test is used as a record for reference only. After sufficient time has elapsed to allow for the determining of reasonable expectations, the student's score will probably be used as a supplement to high school graduation to determine fitness for admission to the college.

THE 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 hour-hour courses. A student usually selects sixteen quarter-hours, the equivalent of four courses, each meeting four times a week, as his regular work.

Forty-eight quarter-hours are a student's regular work for the usual school year of nine months, or three quarters.

**MAXIMUM AND MINIMUM HOURS OF CREDIT**—A student registers usually for fifteen or sixteen hours each quarter. If the work is to count as resident work, the student must carry at least twelve quarter-hours.

A student who wishes to take a larger program than sixteen hours must take one of the standard mental tests. Following the test, the Student Program Committee will grant the request to carry seventeen or eighteen hours, if the student's score is high enough to warrant that amount. In no case will the committee allow more than eighteen hours.

**MINIMUM RESIDENCE REQUIREMENT**—The College does not grant any certificate or diploma for less than three full quarters of resident study, during which time the student must have earned at least *forty-eight* quarter hours of credit. Students who have already taken the two-year diploma must spend in residence at least one quarter out of each year required for the three-year or four-year courses. Extension group classes, conducted by members of the College faculty, are considered as resident work and may be counted as such to the extent of one quarter out of each three resident quarters required for the student's graduation.

**THE GRADING SYSTEM**—A student who takes a four-hour course may earn a little more than four hours of credit by doing unusually good work. On the other hand, less than four hours will be granted for work of poorer quality than a reasonable expectation. The system is as follows:

The mark AA for a course gives 20 per cent above the number of hours indicated as normal for the course.

- A gives 10 per cent above normal.
- B gives the normal credit.
- C gives 10 per cent below normal.
- D gives 20 per cent below normal.
- F indicates failure.

For example:

4B on a student's permanent record means that a student has taken a four-hour course and made a normal credit in it.

4AA would indicate most excellent work in a four-hour course and would carry 4.8 hours credit.

- 4A gives 4.4 hours credit on a four-hour course.
- 4B gives 4 hours credit on a four-hour course.
- 4C gives 3.6 hours credit on a four-hour course.
- 4D gives 3.2 hours credit on a four-hour course.

These marks, both figure and letter, go on the student's permanent record for later reference to indicate the quality of the work done.

**LATE REGISTRATION**—Except by special permission of the Dean of the College, no student, after his first quarter of school work during any given school year, who registers after the first day of the quarter shall under any consideration be allowed to take more than sixteen hours of work and no additional credit for A's or AA's will be allowed such student for the work of the quarter in which he has registered late. 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 permit from the President or Dean to leave before the close of the quarter. No teacher has authority to excuse a student from one of his courses before the close of the quarter.

**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.

**SHORTENING THE COLLEGE COURSE**—The Quarter Plan, the Extension Work, and the grading system make it possible for students who are physically strong enough to stay in school with only short vacations to complete a college course in a shorter time than that usually required in the college. Ninety-six quarter-hours constitute the usual two-year college course, and one hundred and ninety-two quarter-hours make up the four-year course required for the A. B. degree. By carrying an average of seventeen hours a quarter and making an average grade of "A," a strong student can earn 18.7 hours each quarter. At this rate he could complete the course for a two-year life certificate in five quarters, from the middle of June of one year to the end of August of the next. Or such a student could complete the course for the A. B. degree in two and a half years—ten quarters.

**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 two quarters of student teaching before being granted the two-year diploma and life certificate. Students in the third and fourth years are expected to take one quarter of student teaching in each year.

**THE STATE BOARD OF EXAMINERS**—Every student before being granted a life certificate must be approved by the State Board of Examiners.

## THE SUMMER QUARTER

The Summer Quarter of 1924 will in general follow the plans begun in 1918. Each instructor will include all the material in his courses that he regularly uses and will give full time to each topic. A student will carry sixteen hours of work the same as in other quarters.

The policy of bringing in from other institutions, not only lecturers, but class-room teachers as well will be continued and extended. Twenty-five lecturers and teachers from other educational institutions will be in Greeley to give the best they have to the summer school students.

The summer School of Colorado State Teachers College began its work in 1905 with a small faculty and about two hundred students. In 1910 practically the whole faculty, exclusive of the training school and high school teachers, remained to teach through the six weeks of the summer school. In that year there were 443 students. In 1918 the summer term was placed upon an academic level with the other quarters of the college year. The term was lengthened to a quarter and the credits were made equal in value with those of the college year. With this step the college entered upon the four-quarter year. Today the teachers, not only of Colorado, but of neighboring and distant states as well, recognize the fact that the College is doing a large service to the profession of teaching by making it possible for active teachers to keep up with the development of modern educational practice and to continue their professional education without losing time from their teaching. More than two thousand teachers now avail themselves of the opportunity.

Admission to the College at other times is limited to those who have fifteen units of high school work. The strict observance of this rule during the summer would make it impossible for hundreds of experienced

teachers, who are not high school graduates, to get into touch with all the new movements in education which the College faculty and visiting instructors are presenting to the summer quarter students. The College opens the summer classes to all who may profit by the instruction offered.

Any student twenty years of age or over may be enrolled in Colorado State Teachers College for the Summer Quarter without reference to meeting the College requirements for admission. The College believes it can render a valuable service to the teachers of Colorado and surrounding states by allowing any mature man or woman who is teaching or expecting to teach, but who has not graduated from a high school, to enroll in the College for the Summer Quarter and take such work as he or she may be able to carry.

No college credit will be recorded, however, for any student until the requirements for college entrance have been fully met. A record of attendance and work will be kept. This may later be transferred to the permanent records and counted toward graduation when the entrance requirements have been complied with.

## HISTORY OF THE COLLEGE

The State normal School of Colorado was established by an act of the Legislature of 1889. The first school year began October 6, 1890.

At the beginning of the second year the school was reorganized and the course extended to four years. This course admitted grammar school graduates to its freshman year, and others to such classes as their ability and attainment would allow.

At a meeting of the Board of Trustees, June 2, 1897, a resolution was passed admitting only high school graduates or those who had an equivalent preparation, and practical teachers. This policy made the institution a professional school in the strictest sense.

The Eighteenth General Assembly passed an act making the State Normal School at Greeley, Colorado, also the State Teachers College of Colorado. In the catalog and in all the official publications hereafter the title, "Colorado State Teachers College" will be used.

## EQUIPMENT

The institution is well equipped in the way of laboratories, libraries, gymnasiums, playgrounds, an athletic field, art collection, museums, and a school garden. The library has 55,000 volumes. There is ample opportunity to work out subjects requiring library research. There is a handicraft department connected with the library wherein a student may learn how to conduct a library. The gymnasium is well equipped with modern apparatus. Games of all sorts suitable for schools are taught.

## THE GREELEY WATER

The water supply of Greeley is obtained from the canon of the Cache la Poudre, forty miles from Greeley, in the mountains. The water is passed through settling basins and filters until all foreign matter is removed. The supply is clear, pure, and ample for all needs of the city. The system was constructed at an expense of \$400,000 and is owned by the city.

## BUILDINGS

The buildings which are completed at the present time consist of those described below.

**THE ADMINISTRATION BUILDING**—The main, or administration building, is 240 feet long and 80 feet wide. It has in it executive offices, classrooms and class museums. Its halls are wide and commodious and are occupied by statuary and other works of art, which makes them very pleasing.

**THE LIBRARY**—The Library is a beautiful building. The first floor is entirely occupied by the library, consisting of fifty-five thousand volumes. The furniture in the library is of light oak and harmonizes with the room in a very pleasing manner. The basement is occupied by committee rooms, text-book department, taxidermy shop, wild animal museum, and the department of agriculture.

**THE TRAINING SCHOOL**—The Training School is a commodious building of red pressed brick similar in style to the Administration building. In its construction no pains or expense have been spared to make it sanitary, fireproof, and in every possible way an ideal building for a complete graded school from the kindergarten to the high school, inclusive. A new wing is just now being added to the Training School, and interior alterations on an extended scale are being made. About \$200,000 is being spent on these changes and additions, to the end that greater accommodations will be provided for the administration of this important department of the College work and for the students.

**INDUSTRIAL ARTS BUILDING**—The Simon Guggenheim Hall of Industrial Arts is a beautiful structure, in the classic style of architecture. It is constructed of gray pressed brick. It accommodates the departments of Manual Training and Art, including every branch of hand work and art training applicable to the highest type of public school of the present and immediate future. This building is a gift to the College from Senator Simon Guggenheim.

**THE PRESIDENT'S HOUSE**—The President's House is on the campus among the trees. In this beautiful home are held many social gatherings for faculty and students during the school year.

**THE CLUB HOUSE AND MODEL COTTAGE**—During the year 1915-1916, two new buildings were completed and opened. The first of these is a model cottage of five rooms for demonstrations in house furnishings and house-keeping for the department of Home Economics. The second is the club house for women students. This beautiful building is used for student social gatherings.

**THE GYMNASIUM-AUDITORIUM**—A temporary wooden structure was completed to take care during the war period of the needs for a modern gymnasium and auditorium. The money was available and plans drawn for the permanent gymnasium and auditorium, but for patriotic reasons, the conservation of labor, materials, and money, these plans were put aside for the present and a large, airy, light wooden building was constructed at small cost to provide a suitable floor for athletic games and an auditorium for the Summer Quarter lectures.

**THE HOUSEHOLD ARTS BUILDING**—After the signing of the armistice and the consequent release of building materials, work was actively pursued on the new Home Economics building, the foundation for which had been already completed. This is a structure similar in construction, color, material and architectural design to the Industrial Arts Building. It is three stories high and contains ample room for all the class rooms, laboratories, kitchens, dining rooms and work rooms for a well organized department of Household Arts in a teachers college, including both Household Arts and Household Science. A well arranged cafeteria is maintained to provide meals for students.

**THE DORMITORIES**—Three new cottage dormitories were opened in the Fall Quarter, 1921. Each houses from thirty to fifty students. The small houses make it possible to maintain the atmosphere and customs of a well-ordered home. The rooms are airy and well furnished. Each is provided with two single couch beds, two closets, and with hot and cold running water. Each house has a large and delightful living room, a kitchenette, and facilities in the basement for washing and ironing. No meals are cooked in the houses. The kitchenettes are for social purposes and for emergency cooking only.

Though time is very precious, divided as it is among class room studies, departmental clubs, and extra curricula activities, the hall girls make it possible to have fall getting-acquainted parties, with popcorn and fudge accompaniments, winter story hours in the attractive living rooms, made more attractive by firelight and candle glow, and spring waffle breakfasts in the club house or picnic suppers in the ravine.

Belford Hall is the largest of the three. It has accommodations for fifty-two girls. The apartment of the Dean of Women is also in Belford. This hall was named for Mrs. Frances Belford, a prominent Colorado woman, who for many years was on the Board of Trustees of State Teachers College.

Decker Hall is on the east side of Belford. It has accommodations for thirty-one girls and a matron. It was named for Mrs. Sarah Platt Decker who was not only prominent in Colorado but is known throughout the country as a pioneer worker in the Women's Club movement. She was president of the National Federation of Women's Clubs for many years.

Gordon Hall, southwest of Belford, has accommodations for thirty-one girls and a matron. It was named for Mrs. Sophia Park Gordon of Pueblo. Like Mrs. Belford and Mrs. Decker, she was an active worker for civic and social betterment. She was one of the most active members on the Board of Charities and Corrections in the state of Colorado.

Each student living in the College dormitories is expected to care for her room and to provide the following articles:

- Two pairs of sheets for a single bed.
- Three pillow cases of 42-inch tubing.
- Three bath towels.
- Three face towels.
- Three wash cloths.
- Two blankets and one comforter.

In addition to these each student may bring her own sofa cushions, pictures, pennants, and other articles for decoration and personal comfort.

Rooms rent at \$18.00, \$22.00, \$23.00, and \$24.00 per quarter, per student, with two students in each room.

Students who make application for a room in the dormitories will deposit \$3.00. This deposit will be refunded when the student leaves at the close of the quarter or at the close of the year. Rent will be paid in advance for each quarter. In no case will rooms be rented except upon the quarterly plan. Students desiring rooms in the dormitories are requested to write to the Dean of Women at their earliest convenience, in order that their names may be placed upon the waiting list.

**OTHER BUILDINGS**—Other service buildings, such as an ample heating plant, a greenhouse, stables, garages, automobile repair shops, etc., are maintained.

### STUDENT GOVERNMENT

The control of student affairs, including all matters of conduct and discipline as well as the larger phases of student policy, is in the hands of the student association. Every regularly enrolled student is required to become a member of the association and to pay the quarterly fee of \$2.50 for an association ticket. This ticket admits the holder to all student entertainments, athletic activities and social functions on the campus.

The affairs of the association are managed in detail by an elective body of fifteen members, called the student council. Appeals from decisions of the student council may be made to the supreme council, composed of the President of the College, the Dean, the Dean of Women, and three students. The present constitution has been in effect for three years. Only twice in that time has a decision of the council been appealed to the supreme council.

Not only is every student required to become a member of the association, but every student is urged to take an active interest in the affairs of his class and to attend all meetings of the student association. This plan of government is in harmony with citizenship in a democratic nation and is an excellent training ground for such citizenship. To a large majority of the students and faculty, student government in the college is eminently satisfactory.

#### THE BUILDING PROGRAM

The Legislature of 1916-17 provided a millage tax for building purposes for all the state educational institutions. This taxation extends over a period of ten years and gives to Colorado State Teachers College approximately \$100,000 a year for that period—a total of a million dollars for building.

None of this money was used until the war ended. The College then began to use the available funds and plans were made to provide the needed new buildings as rapidly as possible. Work was immediately resumed on the Home Economics Building, and that structure was completed. The Dormitories were started next and three of the proposed group of seven cottages were erected, and they are now being used. Within the ten years the campus will be covered with all the buildings needed by a complete teachers' training college, including a new gymnasium, an auditorium, ample class room expansion, science laboratories, an enlarged library, a completed training school unit, kindergarten, elementary school, junior high school, and senior high school, and additional dormitories for the housing of a large part of the students whose homes are outside of Greeley.

#### THE CAMPUS

Surrounding the buildings is a beautiful campus of forty acres. It is covered with trees and grass, and dotted here and there with shrubs and flowers.

In the rear of the buildings is a large play ground, which covers several acres. In the southwestern portion of this playground is a general athletic field, a complete view of which can be secured from a grand stand 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.

#### SCHOOL GARDEN

One of the pleasing features of the Spring, Summer and Fall Quarters of the school is the school garden. This garden occupies several acres of ground and is divided into four units—the conservatory, the formal garden, the vegetable garden, and the nursery. From the conservatory the student passes into the large formal garden, where all kinds of flowers, old and new, abound. Here may be found the first snowdrop of early March and the last aster of late October. From the formal garden we pass to the school garden proper. Here in the garden and nursery the student may dig and plant, sow and reap, the while gathering that knowledge, that handicraft, that is essential in the teaching of a most fascinating subject of the up-to-date school—gardening.

The greenhouse is one of the best equipped of its kind in the United States. After a hard day's work it is a rest and an inspiration to visit this beautiful conservatory. Here hundreds of varieties of flowers are kept blooming all winter, and the early spring flowers and vegetables are started for the spring planting.

#### FEES AND EXPENSES

The expense of attending Colorado State Teachers College is as low as can be made possible by careful management. The total expense may

be estimated by taking into account the three largest items: board, room, and college fees.

BOARD AND ROOM—Table board costs an average of \$5.50 per week in the college cafeteria, where meals are supplied at cost to the student. In private boarding houses the cost is usually a little more. Rooms rent by the month for from \$12.00 to \$16.00, for one in a room; \$14.00 to \$16.00 for two in a room. Rooms equipped for light housekeeping cost from \$6.00 to \$10.00 a month, for each student.

Board .....	\$60.00
Room .....	25.00
Incidental Fee .....	8.00
Student Association Fee.....	2.50

Total for a quarter (12 weeks).....\$95.50

Add to this your own estimate for travel, clothes, laundry, books, amusement, etc.

TUITION—1. Tuition is free to Colorado students.

2. Tuition to non-Colorado students is \$5.00 per quarter.

FEES—The incidental fee (except in the Summer Quarter) is \$8.00 per quarter. This includes matriculation, enrollment, graduation, diploma, library, gymnasium and physical education fees. This fee is paid by all and is never refunded. After the opening day, late comers pay \$2.00 extra fee.

Fees for individual lessons in Piano, Organ, Violin and other musical instruments, and Voice are extra in the College Conservatory of Music.

The regular courses for the training of teachers in public school music, supervision of music, etc., are free.

TEXTBOOKS—Students may secure the regular textbooks at the College Book Room at a reduction from the publisher's list prices. These books will be bought back from the student if in good condition and still regularly used as textbooks when returned.

#### MAINTENANCE OF THE COLLEGE

The maintenance of the College comes from a state mill tax and from special appropriations made by the Legislature.

#### GOVERNMENT

That government of a school which brings about self-control is the highest and truest type. Discipline consists in transforming objective authority into subjective authority. Students who cannot conform to the government of the College, and who cannot have a respectful bearing toward the school, will, after due trial and effort on the part of the faculty to have them conform, be quietly asked to withdraw. All matters of discipline and the management of student activities are in the hands of the Student Association.

All students who come from abroad, boarding in homes other than their own, are under the control of the institution while they are members of the College. Their place of boarding must be approved by the faculty, and their conduct in the town and elsewhere must always be such as to be above criticism.

DISCIPLINE—MORAL AND SPIRITUAL INFLUENCE—While the school is absolutely free from denominational or sectarian influence, the aim is to develop a high moral sense and Christian spirit. As an individual who is weak physically or mentally lacks symmetry of development, so does one who has not his moral and spiritual nature quickened and developed. One who is being trained to stand in the presence of little children, and to lead, stimulate, and inspire them to higher and nobler lives, should not neglect the training of his higher nature. God has immort-

alized us with His divinity, and it is our duty to respond by continuously aspiring to a higher life.

**CONDUCT AND HEALTH**—The conduct and health of the women students while in this College will be very carefully supervised by the Dean of Women and her assistant. It is earnestly desired that a friendly feeling of co-operation may exist between the women students and their advisers, so as to make possible the best conditions for efficiency during the years in residence.

While it is not the intention of those in authority to hamper the student with too many rules and regulations, it is necessary to emphasize the fact that the general conduct of young women students while in College is the greatest factor in influencing the decision of the authorities as to their suitability for the teaching profession; therefore, students are expected to conform to the rules recognized in good society in order that their conduct may not be questioned, either in College or in outside circles.

Entertainments attended by College students, but not given by the College, must be approved by the College authorities. Rules as to the frequency of these affairs will be strictly enforced, so that the student's health may not be impaired, and in order to conserve the proper number of her outside hours for regular study.

The rooming accommodations are looked into and must be approved by the Dean of Women. Certain requirements, such as quiet, cleanliness, suitable provision for heat, light, hot water, etc., are expected of the hostesses. Quiet behavior, consideration, prompt payment of bills, and, in a word, conduct becoming a future teacher of children, are expected of the women students in the rooming houses.

Finally, the parents and guardians of our young women are urged to unite with the Dean of Women in the endeavor to make college life for the students such that health, good behavior, and efficiency may be maintained.

A series of lectures will be given to the women students during the year by the Dean of Women. The women students are cordially invited to consult her at any time, in regard to their moral and physical well-being.

#### THE STANDARD OF THE SCHOOL

It is the purpose of the trustees and faculty of Colorado State Teachers College to maintain a high standard of scholarship and professional training. Those who are graduated are to be thoroughly prepared and worthy of all for which their diplomas stand. It is the policy of the school, by making all graduates "worthy of their hire," to protect those who employ them, for in so doing we protect no less the graduates and the children whom they teach.

#### DEPARTMENTAL MUSEUMS

The museums of Colorado State Teachers College are as fully developed for actual use as any in the whole country. Each department maintains a well-arranged museum. The objects in the museums are such as may be used by way of illustrating lessons.

#### BUREAU OF RECOMMENDATIONS

The Bureau of Recommendations of Colorado State Teachers College endeavors to act as a clearing house for those who are seeking well-equipped teachers and teachers seeking positions. It assists its graduates who desire to teach in securing positions and at the same time it is of service to superintendents and boards which may be in need of competent instructors.

The bureau is prepared practically at all times to recommend persons who are well qualified for positions in the elementary, secondary



and teacher training institutions; superintendents, high school principals and teachers, junior high school teachers, supervisors and principals, kindergarten teachers and supervisors, primary teachers and supervisors, intermediate teachers and supervisors, consolidated, rural and village teachers, supervisors in art, music, domestic science, domestic art, commercial subjects, industrial arts and physical education.

In making recommendations great care is exercised. Special qualifications of various teachers for the particular position are in every case fully considered. Records are kept of every detail of the student's qualification for teaching; the estimate of the college professors, of the scholarship, personality, strength of character and general adaptability of the candidate; critical estimates of the student's teaching ability indicated by her student-teaching in the elementary or secondary training schools; the estimate of superintendents and supervisors under whom the student may have taught.

The Bureau urges superintendents and school administrators to come to Greeley in person whenever possible, so that personal conferences with the College instructors and the conditions for teaching may insure mutual satisfaction and be a guarantee of effective service.

#### THE CHRISTIAN ASSOCIATIONS

Y. W. C. A. AND Y. M. C. A.—Realizing the necessity for religious and social culture in the school, and believing that much good comes of Christian association, a large number of interested students have organized themselves into the Young Women's Christian Association and the Young Men's Christian Association. Meetings are held at various times, and persons who have given considerable thought to the life and aspirations of young people are invited to address the meetings.

THE NEWMAN CLUB—The Catholic students of the College are organized into the Newman Club, the work of which is similar to that of the other Christian organizations. This club has a membership of active young people. All three of the organizations have been co-operative in forwarding the religious work and welfare of the College.

#### BIBLE STUDY—"The Greeley Plan"

Unusual opportunities for Bible Study are offered to students thru a system of co-operation between the churches of Greeley and Teachers College. Perhaps Colorado State Teachers College is as widely known nationally for this plan of Bible Study as for any single thing which it is doing. A number of magazine articles have been written about it, and there has been published, by the World Book Company, a book, "Bible Study in Schools and Colleges," by Judge Walter A. Wood of the New York Appellate Court, dealing with this plan and its adaptation and extension into more than half the states in the United States. It is a material advantage to a student to get into touch with this work in some one of the churches, Protestant or Catholic, and know at first hand what is being done here in progressive, modern Bible Study. One who knows this work is distinctly more valuable to the community where she teaches than she would be without it. Bible courses of college grade are maintained in all the larger churches. Under specified conditions, students may receive college credit for the work done in these classes. The credit given for this course is one hour for each quarter.

#### COMMUNITY CO-OPERATION PLAN

The College has instituted a plan in which provision is made for allowing students to go out to various organizations in the community to assist them in their undertakings. This plan is known as the Community Co-Operation Plan. It was agreed to allow students regular college credit for acting as teachers, leaders, or directors of such groups

as Boy Scouts, Girls' Camp Fire, Boys' Clubs, Girls' Clubs, Sunday School Classes, Junior Christian Endeavor Societies, Junior Epworth Leagues, Sodalitys, Children's Choir or Orchestra, Modern Language Classes, Civic Training Classes for the Adult Alien, Business Efficiency Classes, Story Telling Groups, and similar organizations.

The College was willing to inaugurate the plan because of its promise of usefulness both to the community and to the prospective teacher. The plan will benefit the community by bringing to organizations the assistance of well-trained college students. The plan will be of vital aid to the student who is preparing to be a teacher. It will give him an opportunity to study children at close range outside of the school room. He will have a richer understanding of social problems and be better able to take a place of leadership in his community. All this will make a greater success possible for him and will extend his influence for good wherever he enters upon the work of teaching.

### STUDENT LOAN FUNDS

There are numerous loan funds, aggregating more than \$7,000, designed to help worthy students to complete courses in Colorado State Teachers College. It not infrequently happens that a promising student meets with an unexpected loss, through sickness or other causes, which compel him either to leave school or to continue his work at the risk of low scholarship and overtaxed body and mind; unless he is able to borrow some money. It is for the purpose of meeting just such emergencies that these loan funds have been established.

Applications for loans are made to the Student Loan Committee, which is composed of members of the faculty of the College. This committee carefully investigates the record of the applicant, and grants his petition only in case it is satisfied that he is worthy of such help, will be in a position to repay the loan within a reasonable time, and will be a credit to Colorado State Teachers College after graduation. The secretary to the Board of Trustees of the College is custodian of the funds. The student furnishes a note acceptable to the committee and makes arrangement for its payment when due.

The following are some of the loan funds:

**NORMAL STUDENTS LOAN FUND**—The money constituting this fund consists of contributions from persons, classes and organizations disposed to help in the work, and of the interest derived from loans. The freshman and sophomore classes of the College quite often contribute money left after meeting class expenditures to this fund. The freshman class of 1921-22 contributed more than \$200 to this fund. The fund is intended particularly for those students who need some financial assistance in completing the first two years of work.

**SENIOR COLLEGE LOAN FUND**—This fund is an accumulation of money, contributed by four-year graduates and others who may be interested in creating a fund for those who desire to pursue a curriculum leading to the A. B. degree. Already it has helped many worthy students to continue to the end of their four year course.

**Y. W. C. A. STUDENT AID FUND**—The Young Women's Christian Association has a fund of several hundred dollars which is kept to aid students who need small sums to enable them to finish a term or a course. The fund is in charge of a committee comprised of the treasurer of the society, two members of its Advisory Board and a member of the faculty. Loans are made without reference to membership in the society.

**THE WILLIAM PORTER HERRICK MEMORIAL FUND**—This fund, the gift of Mrs. Ursula D. Herrick, in memory of her husband, the late William Porter Herrick, consists of the principal sum of \$5,000. The proceeds or income of said fund are to be paid over and expended by the Board of Trustees of Colorado State Teachers College of Colorado in aid of such worthy and promising under-graduate students of the College, of

either sex, as the President of said College may from time to time designate; provided, however, that no student who uses tobacco in any form or who uses intoxicating liquors of any kind as a beverage shall participate in the benefits of this fund. The sum or sums, income or proceeds so expended by the said Trustees shall be considered in the nature of a loan or loans to such students as may receive the same, and each of said recipients shall execute a note or notes promising to repay to said Trustees the amount or amounts so received within five years after graduation or quitting College, without interest; but it is the desire of said donor that no student shall be pressed for the payments of said note or notes when the same shall become due and payable, so long as the Board of Trustees shall be satisfied that the recipient is making every reasonable effort, according to his abilities, to repay the same and is not endeavoring to repudiate the obligation.

**THE BEN HUR SCHOLARSHIP**—The Tribe of Ben Hur, a fraternal benefit order with headquarters at Crawfordsville, Ind., has designated Colorado State Teachers College as an institution to which it will assign one or more of its educational scholarships of \$500 a year. These scholarships are awarded to members of the order, both men and women, and must be applied for directly by the members. A blank form for the application may be had by addressing the Supreme Tribe of Ben Hur, Crawfordsville, Indiana.

**GRADUATE LOANS AND SCHOLARSHIPS**—There are a number of loans and scholarships for graduate students only. The two loan funds for graduate students have been contributed by the Sigma Upsilon Sorority of the College and the two chapters of P. E. O. of Greeley, respectively. Further information concerning these loans and scholarships will be found under the heading "The Graduate School." (See page 43.)

#### GIFTS TO THE COLLEGE

From the beginning of the life of the College friends and organizations have been generous in making gifts of land, money, books, museum specimens, and other articles of value. The authorities of the College gratefully acknowledge their obligation to all these donors, and invite any who may feel inclined to make similar donations.

#### HONORARY FRATERNITIES

##### KAPPA DELTA PI

Kappa Delta Pi is the international honor fraternity in education. It was founded at the University of Illinois in June, 1911, by Dr. William Chandler Bagley, now of Teachers College, Columbia University. Theta Chapter was established at Colorado State Teachers on February 28, 1920, as the eighth chapter of the fraternity and the first chapter in a teachers college.

The requirements demand that students shall have credit for ten hours scholarship, and achievement in educational work"—membership in Kappa Delta Pi is open by invitation to students who fulfill certain conditions. The requirements demand that students shall have credit for ten hours in Education, shall belong to one of the upper classes, shall have been in residence for three quarters, shall have an average of 90 per cent in all subjects, and shall possess qualities of co-operation, leadership and character.

##### PI KAPPA DELTA

**HONORARY DEBATING FRATERNITY**—The national honorary fraternity Pi Kappa Delta was the first honorary society to be installed in Colorado State Teachers College. It was installed in the College in the spring of 1918. The purpose of the organization is the encouragement of intercollegiate debate and oratory. Membership is limited to those who have taken part in recognized intercollegiate debates or oratorical contests, or are actively engaged in coaching such students.

## EXTENSION DEPARTMENT

An ever increasing number of teachers avail themselves of the opportunity for professional advancement which the Extension Service of the College affords.

At first the term "extension course" signified that a given college prepared and sent out to students not resident in the town where the school was located certain desired courses of study. It was at first conceived to be a service by the college to those without the pale.

Those engaged in the service soon realized that the original conception was both narrow and false. They perceived that the college belongs to all the people of the state. The humblest citizen has a vital share in it and as part owner has a right to its privileges.

This thought brought with it a new sense of responsibility, a feeling that the college was in honor bound to minister to the educational needs of all the citizens of the commonwealth who desire to avail themselves of its advantages. The "extension course" ceased to be a courtesy and became a duty.

Extension service comes in this way to mean, in its wider significance, that the group of students who fill college halls and class-rooms are but a part of its clientele. There is a larger body of earnest men and women who, also, "covet learning's prize" and would vain "climb the heights and take it" though they must use a path more rugged. It means, also, by reason of the fact that it takes more courage of heart and power of will to succeed in this way than by the more direct method, that the extension group is worthy of all honor and consideration.

It means in final analysis that a college is something more than walls and tower and building site, and that its influence should reach everywhere and be everywhere for good.

## GROWTH OF EXTENSION SERVICE

Coincident with this new and more wholesome attitude on the part of college faculties toward their extension service, there has arisen in the minds of thousands of aspiring and energetic individuals the clear realization that extension courses do afford a sane and practical method of professional advancement.

No phase of educational progress has been more marked in recent years than the rapid growth of extension departments, with the possible exception of the development of summer schools.

From a few isolated cases of persons connected with colleges twenty years ago in the capacity of extension students, the situation has changed to such an extent that today many of the most eminent colleges have more non-resident students than resident. There has been a corresponding advance in the quality of those taking extension work and the excellence of the courses offered.

Success is always measured in terms of preparation. There are always ready places for ready men. The individual who would make the most of his native gifts is not under the necessity of creating opportunities, but merely the obligation of being tremendously prepared for opportunities when they come.

Every great life bears conclusive and irrevocable evidence of this truth. Preparation, therefore, becomes the best of all investments and the surest guarantee of a useful and happy career.

The lawyer who knows the law does not lack clients. The physician who has mastered the science of medicine is not without patients, and the teacher who can direct life into sane and healthful channels, develop in her students thought power, and lay the foundations of character is needed to the ends of the earth.

Some gifts the individual owes to heredity, and some to the spirit of effort that wells up in human hearts. Training belongs to the latter group.

To measure teachers by charms of personality that may not be acquired—beauty of feature and grace of form, in so far as these are beyond the reach of human endeavor—would be to make life's noblest compensation the reward of birth and leave many an earnest aspiring soul devoid of the opportunity for helpful service. To place the major emphasis, however, upon training makes effort the keynote of reward and puts the talisman of success in a field where all may strive.

The standard colleges of America now offer practically all of their courses in the summer when the public schools are not in session, and most of them can be pursued by extension during the winter months. Faculty members go directly from all the leading institutions of higher learning to the larger centers of population and thus make available to teachers the most valuable and important courses offered in said institutions.

Courses in Education, Educational Psychology, Educational Sociology, Educational Biology—the four subjects that develop the modern point of view in education—are listed in profusion in the pages which follow. These are supplemented by content courses in Literature, History, Science, Mathematics, Music and Art, that bestow culture and go far toward the development of true personality. To this imposing list are added method courses that are intended to give mastery in the technique of teaching, and vocational courses that correlate the school and the home with the responsibilities which life is to impose.

The teacher who appreciates the dignity and importance of teaching finds in extension courses the means of gaining professional prestige—the child has a right to trained teachers and superintendents and boards of education are constantly looking for them; increased power of service—to serve one must be himself endowed with the things which humanity needs, and these are acquired only through study; and the happiness that comes through growth.

Mr. John Dewey in his little volume on "Interest and Effort in Education" has rendered an inestimable service to the cause of education in making a sharp distinction between that false pleasure that comes through placid receptivity—seeing, hearing, tasting, and touching things, which all too often means deterioration—and that noble happiness that comes through "Mastery, achievement and getting ahead." If this philosophy could only be read and understood by all teachers, then, the realization of the joy of growth would impel all and there would be no need for any other incentive for self improvement.

## TWO DISTINCT TYPES

With growth in numbers, there has come improvement in procedure. Experience has taught the better way. The Extension Department has earnestly endeavored to profit by early mistakes and to work out the most practical and helpful way of conducting its courses.

There are two distinct ways in which extension work can be carried on. One is known as the *group plan*, and the other as the *individual plan*.

The former is intended to meet the needs of teachers who can gather in sufficient numbers to justify (twenty is the minimum number in all cases where a college faculty member does the teaching) the organization of a class and the selection of an instructor.

The latter is planned for persons who are too far removed from the larger centers of population to make a co-operative scheme feasible.

## DETAILS RELATIVE TO THE GROUP PLAN

The University of Colorado, the University of Denver and Teachers College have agreed upon the following conditions for granting credit:

1. STANDARDS—The standard of the work done shall be of such type as to be acceptable for regular undergraduate credit at each of the above mentioned institutions.

2. INSTRUCTORS—No work shall be accepted for credit except that given by instructors duly approved by the institution in which credit is desired.

3. CLASS PERIOD—The period of each class shall be ninety (90) minutes, requiring seventeen (17) sessions for three (3) quarter hours' credit. The minimum time requirements for a whole course shall be 1500 minutes spent in class recitation.

4. FEES—The fees shall be \$8.00 per student per class yielding three quarter hours' credit.

### THE NATURE OF INDIVIDUAL EXTENSION COURSES

Each Extension Course consists of (1) a set of "study units" containing *questions* such as might be asked in class, *assignments* such as might be made in residence study, and *explanatory sections* corresponding to the explanations which instructors often make in class. (2) a "materials sheet" which informs the student fully in regard to all the books and other materials needed for the course; with what study units each book will be needed. (3) a sheet of "general directions" for preparing recitation papers.

The Extension Department sends the student the first four study units of the course he has chosen and the material sheet and book list. He studies the books as directed and works out his first *recitation paper*—covering the work outlined in the first study unit. He mails this to the Extension Department as soon as it is finished—and waits for its return before sending in his second recitation paper, so that he may have the advantage of the teachers' suggestions. The date on which the paper is received in the Extension Department is recorded on the student's enrollment card and stamped on the back of the study unit. The latter is passed without delay to the instructor in charge. When the instructor has read, commented on, and graded the paper he returns it to the Extension Department, where the date of its return and the grade given it are recorded on the enrollment card. The first recitation paper is then returned to the student with the *fifth study unit*, after which the student may mail to the Extension Department his second recitation paper *together with any additions required by the instructor to his first recitation paper*. The second paper passes through the same process and is mailed back to the student with the *sixth study unit*, and so on till the course is completed.

### THE QUESTION OF COST

A course for which four quarter hours' credit is granted costs eight (8) dollars; i. e., two dollars per quarter hour. Since a course of this type consists of twelve study units, it follows that the College receives fifty cents for the preparation (original) and grading of each study unit. This is, in the judgment of the department, fair both to the instructor and the individual taking the work. A recent survey shows that this is less than the average cost of the service as shown by the bulletins of the standard educational institutions in the country. The instructor receives 75% of the money paid for any given course.

In the past, forty (40) cents additional has been charged for postage. This has proved to be inadequate for the purpose. The new rate, beginning November 1, 1922, is eighty (80) cents. The entire cost of a four hours' course is, therefore, eight (8) dollars and eighty (80) cents.

## THE TRAINING SCHOOLS

The training schools have a two-fold function. First, to train college students in the art of teaching. Second, to maintain as nearly as possible an ideal elementary and secondary organization.

The fundamental purpose of a training school is not to serve as a research laboratory, but rather to serve as a laboratory in which the student verifies his educational theory and principles. The training school, as a laboratory, is a teaching and testing laboratory rather than a research laboratory. It provides an opportunity for student teachers, who have a sufficient knowledge of subject matter and the theory and principles of education, to receive practice in the solution of the daily problems and management under the supervision of expert training teachers. New methods that save time, new schemes for better preparing the children for life, new curricula and courses of study are continually considered by this school and 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 training schools strive to be the leader 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. Untrained and unskilled teachers do not practice on the pupils. This problem is solved by having in each grade or subject a trained teacher, one chosen with the greatest care, whose personality, native intelligence and training all fit her for the double duty of teaching student teachers to teach and teaching children. The training teacher is at all times responsible for the entire work of her grade or subject. The training schools are being built on the theory that the best interests of student teachers and the best interests of the elementary and secondary pupils can be made to harmonize. Whatever interferes with the proper development of one interferes with the proper development of the other.

The training schools maintain a complete elementary and secondary school system from the kindergarten to the eighth grade and four years high school. Students are required to take two quarters student teaching in the Elementary Training School sometime during their second year in Colorado State Teachers College. A third quarter of teaching may be elected and in most cases is very advisable. A student receiving a diploma at the completion of her first two years in college will have at least two quarters of teaching. With the completion of four years of college work she will receive the degree of A. B. and will have at least three quarters of teaching. Student teaching in the Senior College may be taken in either the elementary or secondary training school.

Student teaching in the training schools includes conferences, observations, supervision, lesson plans, and teaching on the part of the college students.

### ELEMENTARY

The Elementary Training School is a complete elementary school unit containing Kindergarten, First, Second, Third, Fourth, and Fifth grades. The Sixth, Seventh, and Eighth grades are organized on the departmental plan for the purpose of exploring and diagnosing earlier than usual the interests, attitudes, and abilities of pupils and at the same time provide better for individual differences. This organization affords a splendid opportunity for studying Junior High School problems. The school is so organized that pupils may advance as rapidly as they are able to do the advanced work.

A small tuition fee of fifty cents per quarter is charged for the first four grades and one dollar per quarter is charged for each of the remaining grades.

In addition to the regular school subjects the pupils of the Elementary Training School have the opportunity of electing special work from the following subjects: typewriting, bookbinding, wood-working; home economics, including cooking, sewing, hygiene and sanitation; music, elementary science; physical education; French and Spanish.

In the Elementary Training School the training teacher spends approximately one-half of her time teaching and the other half observing the student teacher. In this way inexperienced students are not allowed to disturb the advancement of children. During the first week or ten days of each term the training teacher does all of the classroom teaching in order to put the school in a good working attitude. The class organization is perfected and the technique of classroom management well established. During this time of adjustment the student teachers are observing the training teacher while she is getting the school well started and organized. During this period of observation the student teacher writes up lesson plans from the lessons observed and determines from her observation how the training teacher puts into actual practice the principles of teaching. Student teachers will form standards for classroom work and definite ideas for applying these standards to classroom instructions. This period gives the student teacher an opportunity to learn the names of the pupils so she can easily identify each one; the individual differences among the pupils, facts about attendance records, and reports. Gradually the teaching will be placed in the hands of student teachers as their success seems to warrant. However, no student will continue teaching any considerable period of time when the class is not making progress under her instruction. Under close supervision during the first part of her teaching the student teacher will not be permitted to go far astray or form bad habits in teaching and children will not suffer under her instructions.

Every student is expected to teach a number of different subjects. As a rule it is thought best that she have experience in three grades, in either the primary, intermediate, or upper grade groups. All assignments for teaching are made by the heads of departments and the director of the Training Schools in conference with the student. All student teaching in the Elementary Training School is preceded by Ed. I, "Principles of Teaching and Observation," in which the student is required to do a definite amount of systematic observation together with a study of the technique of teaching in the elementary school.

## SECONDARY

The primary function of the Secondary Training School is to train that group of teachers who expect to enter the field of secondary education. A minimum of four hours of student teaching is required of all students in the Senior College who expect to take their A. B. degree. It is advisable for students who have had no experience in high school teaching to take at least eight hours of student teaching. Three years of college training is prerequisite to student teaching in the high school. In the Secondary Training School the student spends over two-fifths of his time in teaching and the remainder in observation. When not teaching the student teacher is held responsible for preparation and participation in the discussion of the recitation just as any other members of the class.

Students will select the subjects they teach upon the recommendation of the head of the department in which they are majoring and the director of the training schools. The first quarter of teaching will be a subject from the student's major and the second quarter will be in another subject. Ed. 101, "Principles of Teaching in the High School," precedes the student teaching. This course consists of a series of systematic observations together with a study of the technique and principles of teaching in high schools.



The Teachers College High School (The Secondary Training School of Colorado State Teachers College) is being built upon the theory that the highest interests of the student teachers and the highest interests of the high school pupils can be made to harmonize.

In addition to its excellent teaching force, the school has the use of the splendid equipment of the College. The library, the museums, the collections of fine arts and the laboratories are all available to high school students. The courses are vital and practical and are intended to meet the needs of boys and girls of the present age.

Students in the Teachers College High School pay a fee of four dollars per quarter.

#### THE SCHOOL OF ADULTS

It often happens that for economic reasons boys and girls are compelled to leave school in the grades or in the early years of high school. Upon reaching maturity they realize the value of an education and are anxious to obtain one, but are unwilling to enter classes with children. The purpose of the School of Adults is to open the door of opportunity to such students. It appreciates the value, in terms of character and intelligence, of the services rendered by the individual to the community, and gives a reasonable amount of credit for the same. No one can enter the School of Adults who has not reached the age of twenty years.



PART II

THE GRADUATE SCHOOL



## THE GRADUATE SCHOOL

The Graduate School offers advanced instruction leading to the degree of Master of Arts in Education. The principal aim of graduate study is the development of power of independent work and the promotion of the spirit of research. The various departments of the College which offer graduate courses are willing to offer not only the courses regularly scheduled but others of research and advanced nature which the candidate wishes to pursue. Each candidate for a degree is expected to have a wide knowledge of his subjects and of related fields of 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 in Colorado State Teachers College upon the presentation of official credentials, including transcript of records of undergraduate work.

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

### GENERAL PLAN OF WORK FOR THE DEGREE OF MASTER OF ARTS IN EDUCATION

**RESIDENCE**—Three quarters of residence at the College is required in addition to the requirements for the A. B. degree. This is three quarters of work beyond a four-year college course.

**UNITS OF WORK**—A year's work shall be interpreted as forty-eight quarter-hours. Thirty-eight hours credit will be given for graduate courses pursued and ten hours for the Master's thesis which is required. Sixteen hours credit a quarter is the maximum inclusive of the research involved in the thesis requirement.

**ADMISSION TO CANDIDACY FOR DEGREE**—Admission to the Graduate School does not guarantee admission to candidacy for the Master of Arts degree. The student shall not be admitted to candidacy for the degree earlier than the close of his first quarter's work (completion of sixteen credit hours). Such admission shall be determined by a committee consisting of the President of the College, the Dean of the College, the Dean of the Graduate School, the head of the department in which the student is majoring, and two professors with whom the student has had work, these to be chosen by the Dean of the Graduate School. The merits of each student shall be the basis for the decision of this committee; personal fitness, the ability to use good English, both oral and written, and the ability to do superior work in the field of specialization are among the important things to be considered by the committee.

### THE NATURE OF GRADUATE WORK

**SPECIALIZATION**—In keeping with the function of a teachers college, graduate work shall be confined largely to professional lines of work. It shall represent 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 year's work, including courses to be taken and special investigations to be conducted. No graduate credit will be given for scattered and unrelated courses.

**THESIS**—Research culminating in the writing of a thesis upon some vital problem of education shall be an integral part of the work for the Master's degree.

**BREADTH AND RANGE OF PROFESSIONAL OUTLOOK**—In addition to the intensive and specialized work which is required of candidates for the Master's degree, they are expected to know the fundamentals of professional education.

FINAL EXAMINATION UPON THE WHOLE COURSE—There shall be a final examination, oral or written, upon the whole course. An oral examination of two hours duration is customary. This examination will cover the following ground: (a) The field of the thesis and special research, including topics closely related thereto; (b) The fields covered by the courses taken by the candidate; (c) The general fields of Education, Psychology, Sociology, and Biology.

#### GENERAL INFORMATION

1. All courses taken by graduate students must be approved in advance by the Dean of the Graduate School.

2. 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 topic must be included within the limit stated. To this end, the student doing research upon his thesis topic must enroll for the same.

3. Twelve hours shall be the minimum number of hours considered as a term in residence. If for any reason a student cannot carry more than twelve hours a quarter, the remaining hours may be taken in extension when approved in advance by the Dean of the Graduate School.

4. 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 elementary courses, for scattered and unrelated courses, for public platform lectures or public platform lecture courses, or for courses in which the element of routine is large as compared with the theoretical and professional aspects.

5. Excess A. B. work may be applied toward the Master of Arts degree only when arrangement is made in advance with the Dean of the Graduate School so that he may see that the work is of graduate standard, and that it is in line with the specialization necessary for the Master of Arts degree. Such credit will be granted only to students in their fourth year who do not need all their time for the completion of their undergraduate work.

6. The courses which may be taken for graduate credit must be of an advanced character, requiring intensive study and specialization. Certain approved undergraduate courses may be pursued for graduate credit; but, when so taken, the character of the work done and the amount of ground to be covered must be judged by a higher standard than that which applies to the regular undergraduate student. The standard of intensive work set for the graduate student must be maintained even if special additional assignments have to be made to the graduate student who works side by side with the undergraduate.

7. No teaching, either in a regular school or in the Training School, will count on the Master of Arts degree.

8. Sixteen hours of credit toward the Master of Arts degree shall be the maximum amount allowed to be earned in a regular school year by any one who is employed on full time, except upon the recommendation of the Dean of the Graduate School.

9. Before the Master of Arts degree may be conferred a student must have had at least seventy-two hours of college work in his major and not less than thirty-two hours of professional work in Education and related fields which is acceptable in the various states as requirements for certification.

10. All work for the Master of Arts degree shall be done with distinction; work barely passed (marks D and C under the present marking system) shall not be considered worthy of such an advanced degree.

11. The thesis subject of the graduate student must be approved in advance by the Dean of the Graduate School and by the head of the

department concerned. Before the degree is conferred the thesis, as a whole, and in detail, must be approved by the head of the department or the instructor under whose direction the thesis work has been done and also by the Dean of the Graduate School. Two typewritten copies of the thesis, properly bound, must be placed on file with the Dean of the Graduate School.

12. Before the candidate for the Master of Arts degree is admitted to final examination the thesis requirements must be met in full, and the thesis must be in such a state of readiness at least three weeks previous to final examination that only minor reconstructions need to be made, which will not delay its being put in final typewritten form for filing before the end of the quarter in which graduation falls.

13. The final examination will be presided over by the Dean of the Graduate School and conducted by the head of the department in which the candidate has done the main part of his work. Other members of the faculty may be given an opportunity to participate in the examination. An official visitor, or official visitors, from outside the department in which the candidate has specialized shall be appointed to attend the examination.

#### DIRECTIONS AS TO FORM OF THE THESIS

The thesis must be presented typewritten upon paper of good quality, size 8½ x 11, and properly bound.

The title page of the thesis must be arranged as follows:

THE STATE TEACHERS COLLEGE  
OF  
COLORADO  
(Title of Thesis)  
A Thesis Submitted in Partial Fulfillment of the Require-  
ments for the Degree of Master of Arts in Education  
by  
(Student's Name)  
(Name of Major Department)  
(Date)

#### FEES FOR GRADUATE COURSES

Fees for graduate students in the Summer Quarter and in the regular school year will be on the same basis as fees for all other students.

#### GRADUATE TEACHING FELLOWSHIPS

Ten Graduate Teaching Fellowships will be available for the school year 1923-24. Each fellowship will pay the holder \$450 in nine equal installments. These fellowships are open to any man or woman who has an A. B. degree and is an exceptional student along some particular line. Each fellow will be required to do at least six hours of teaching per week.

Application should be made to the Dean of the Graduate School.

#### GRADUATE SCHOLARSHIPS FOR 1923-1924

##### THE HENRY STRONG GRADUATE SCHOLARSHIPS\*

Scholarships are offered by the Henry Strong Educational Foundation for the school year 1923-24.

These are open either to young men or young women not more than twenty-five years of age who desire to continue college work and to prepare more thoroughly for the work of a teacher. The A. B. or other baccalaureate degree of equivalent value must be held by the candi-

date since the scholarship is open only to graduate students. The scholarships are designed primarily to assist students who are not financially able to continue college work but scholarship and ability will be taken into consideration in the selection of candidates.

#### THE PRESBYTERIAN CHURCH GRADUATE SCHOLARSHIP\*

The First Presbyterian Church of Greeley aided by the General Board of Education offers to a member of the Graduate School a scholarship with a \$600 stipend for the school year 1923-24.

This is open to any graduate student who is qualified by natural ability and Christian experience as well as scholarship to assist the local church, particularly as it endeavors to keep in touch with the Presbyterian students in the College and maintain classes in training for Christian leadership. The position in the church is to be The Director of Religious Education and half of the student's time is to be given to it.

#### WELD COUNTY SAVINGS BANK GRADUATE SCHOLARSHIP\*

The Weld County Savings Bank offers to a member of the Graduate School a scholarship with a stipend of \$100 for the school year 1923-24. This is open to any young man or woman who wishes to pursue advanced study in preparation for teaching. The scholarship is designed primarily to assist a student who is not financially able to continue college work, but scholarship and ability will be taken into consideration in the selection of the candidate.

#### GRADUATE SCHOLARSHIP\*

A scholarship with a stipend of \$450 is offered for the school year 1923-24 to a graduate student who desires to continue advanced study in preparation for the teaching profession. It is open either to a young man or woman. Approximately six hours of teaching will be required in return for the stipend. The remainder of the student's time may be spent in advanced work in his major and allied studies looking toward the Master of Arts degree.

#### DELTA PHI OMEGA GRADUATE SCHOLARSHIP\*

The Delta Phi Omega Sorority offers a graduate scholarship with a stipend of \$150 for the school year of 1923-24. This is open to any student who wishes to pursue advanced study in preparation for teaching. First preference will be given to a member of said sorority. The scholarship is designed primarily to assist a student who is not financially able to continue college work, but scholarship and ability will be taken into consideration in the selection of the candidate.

#### SIGMA UPSILON GRADUATE LOAN FUND

The Sigma Upsilon Sorority has established a Graduate Loan Fund to be used in helping advanced students remain in college for the Master of Arts degree. This fund is available to all students whether members of said sorority or not.

#### P. E. O. SISTERHOOD GRADUATE LOAN FUND

Greeley Chapters I and B. E. of the P. E. O. Sisterhood have established a Graduate Loan Fund to be used in helping advanced students remain in college for the Master of Arts degree. This fund is available to any young man or young woman in need of financial assistance.

All applications for loans should be made to the Dean of the Graduate School.

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\*Regular college fees will be waived for the holder of any graduate scholarship.



PART III  
THE COURSE OF STUDY



## THE COURSE OF STUDY

(FOR UNDERGRADUATES)

*Throughout this catalog courses numbered 1 to 99 are primarily first and second year subjects; 100 to 199 are third and fourth year. Those numbered 200 and above are Graduate School.*

Colorado State Teachers College is a technical school. Its business is to train teachers for all types of schools maintained by the state. The College has abandoned the idea that there is a possibility of training teachers for the various kinds of teaching thru the medium of a single course of study or a scattered elective course.

Two-year and four-year courses of study for teachers are provided by the following departments:

Agriculture (2 yrs. only)	Fine and Applied Arts.
Biology.	Geology, Physiography and Geography.
Chemistry.	History and Political Science.
Commercial Arts.	Home Economics.
Education.	Hygiene and Physical Education.
Superintendents, H. S. Principals and Teachers.	Industrial Arts.
Kindergarten.	Literature and English.
Primary.	Mathematics.
Intermediate.	Music.
Junior High School.	Physics.
County Schools.	Romance Languages and Latin.
Educational Psychology.	Social Sciences.

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 diploma is a Colorado life certificate. Each course is so arranged that it may be divided in the middle. The first part of the course may be completed in six quarters. The student who chooses to be graduated at the end of the two-year course receives the Colorado life certificate, but no degree. Students who come to the College with advanced standing, and those who gain time by doing work of exceptional quality, may shorten the course somewhat.

**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 2, English 4 (unless excused for proficiency), Hygiene 7, Ethics 1 (for women), Sociology 3, Education 1, Education 8, and a Physical exercise course each quarter.

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

**SUMMARY**—Core subjects 42 hours. Departmental requirements 30 hours. Free elective 24 hours. Total 96 hours.

**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), and 111, Hygiene 108, Psychology 105 and 108b, Sociology 105, and Ed. 116.

**SUMMARY**—Core subjects 23 or 27 hours. Departmental requirements 49 or 45 hours. Free electives 24 hours. Total 96 hours.

**SUMMARY FOR THE FOUR YEARS**—Core subjects 65 or 69 hours. Departmental requirements 79 or 75 hours. Free electives 48 hours.

**USE OF FREE ELECTIVES**—The student is urged to use his free electives to broaden his education so as to acquaint himself somewhat with one or two fields outside his major interest. He is at liberty, however, to use a part or even all of his free electives in his major department.

### REQUIREMENTS FOR GRADUATION

**THE TWO-YEAR COURSE**—A student must do full work in residence during at least three quarters before being granted a certificate of graduation from the two-year course. Thus, at least forty-eight of his ninety-six hours may be granted on advanced standing or for extension courses. Applications for graduation must be filed with the registrar at least 30 days before the close of the quarter in which the diploma is to be granted.

**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 courses elsewhere similar to those specified in his group course, he may, with the consent of the head of the department in which he is taking his course, be allowed to substitute the work he has already had for Colorado State Teachers College work. The student may not, however, be excused from the "core required subjects" except by the heads of the departments giving those courses.

**DIPLOMA**—The diploma granted upon the completion of the two-year course is a life certificate to teach in any kind of school in Colorado, and is honored in most of the other states.

**THE THREE-YEAR COURSE**—A student who comes to the College with two years of advanced standing from another college or normal school may secure the Colorado Life Certificate by doing three quarters of residence work and meeting the requirements of the group course in which he or she is specializing.

**THE FOUR-YEAR COURSE**—At least three quarters of residence study is required for the A. B. degree. For graduates of the two-year course in this College, two quarters of additional residence study is required.

**THE FIFTH-YEAR COURSE**—See the Graduate School, pages 41-43.

**DIPLOMA AND DEGREE**—At the end of the fourth year of study, and upon completion of 192 quarter hours of credit, the degree of Bachelor of Arts (A. B.) in Education will be conferred, and a diploma, which is a life license to teach in the public schools of Colorado, will be granted to all students who have completed the requirements of the course they are pursuing.

**TIME LIMITS FOR COMPLETING A COURSE**—A student is allowed four years after beginning resident work on a two-year course in which to complete that course, and another four years to complete the work of the third and fourth years after having enrolled in the third year of one of the group courses. This extension of time is made to take care of those who must teach between the years of resident work. Thus, a student selecting the General Course in September, 1916, would have until the end of the Summer Quarter of 1920 to complete the *two-year course* thus selected. Failing to complete the course within that time he or she would be required to complete one of the courses of study in effect in the Year Book current at the time of his or her application for graduation. If such a student completed the two-year course in or before September, 1920, then he or she would be required to elect one of the senior college courses of the year 1920-21 and complete all requirements of the course thus selected for the A. B. degree. This course would have to be completed within another four years (that is, September, 1924).

**TRANSFER OF CREDITS FROM OTHER COLLEGES**—Since Colorado State Teachers College is a college for training teachers, its courses of study are technical courses. 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 standard colleges at face value to apply as electives in its courses of study, but does not guarantee that a student having had a year's work in another school will be able to complete a two-year course here in three more quarters. Many 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.

**REGULATION CONCERNING OVERLAPPING OF A. B. AND A. M. WORK**—No student will be granted the A. B. degree who has not completed 48 or more hours (three full quarters) in residence in the College. Twelve or more hours done in the group courses conducted in Denver, Pueblo, and other neighboring cities by the resident faculty of the College may be counted as one (but only one) of the resident quarters. Three additional quarters in residence are required for the A. M. degree, with the same provision concerning outside group courses.

To prevent overlapping of time and consequent misunderstanding the Advanced Standing Committee grants advanced standing never in excess of 144 hours to applicants who fall short of admission to the graduate school. 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.

## AGRICULTURE

The aim of the Department of Agriculture is to prepare teachers in rural, consolidated, and village schools.

Students majoring in this department will not only be prepared to teach the Agriculture course in the above classes of schools, but will be given a general knowledge of rural life problems, such as will enable them to make the work in such communities function to the best advantage possible.

### COURSE OF STUDY

Two years for majors in Agriculture.

In addition to the free electives, and the core subjects included in all the curricula as listed on page 47, this department requires:

FIRST YEAR: Agriculture 1, 2, 4, 5, Chemistry 1, and Botany 1.

SECOND YEAR: Agriculture 6, 10, 12, 13, and 3.

#### 1. GENERAL AGRICULTURE.

This is an elementary college course, given to meet the growing feeling that since Agriculture applies generously to vital facts of many sciences, especially in pointing out man's relationship to nature and society, instruction in Agriculture may well be given to all students, irrespective of future life pursuits, as a training for good citizenship. This course covers in a brief way the different fields or divisions of Agriculture, will serve as an introductory course and will especially meet the needs of those teachers who are preparing to teach in rural or grade schools where only one year of Agriculture is taught. Particular attention is given to the planning of projects.

2. ANIMAL HUSBANDRY. TYPES AND MARKET CLASSES OF LIVE STOCK—Four hours.

A general survey of the development of the livestock industry and present conditions. The fundamentals of livestock judging and its relation to production. This work covers cattle, hogs, sheep, horses, and mules.

#### 3. METHODS IN SCHOOL GARDENING—Four hours.

A study of the general subject dealing with the production of vegetables for the home as well as for the market. Lectures, ~~Demonstrations~~ <sup>reference</sup> reading, and practice work in gardening.

TEACHERS COLLEGE

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**4. FARM CROPS—Four hours.**

An introductory course dealing with the most important farm crops with special reference to Colorado conditions.

**5. SOIL PHYSICS AND SOIL FERTILITY—Four hours.**

A study of the physical and chemical properties of the soil and their relation to soil management.

**6. ELEMENTS OF DAIRYING—Four hours.**

The lectures take up the composition of milk; the Babcock test; handling of milk and making of butter on the farm. The laboratory work includes testing milk, operating separator, and making butter.

**10. POULTRY RAISING—Three hours.**

Deals with the principles of poultry house construction, and a study of the characteristics of the more common breeds and varieties.

**12. FARM MANAGEMENT—Three hours.**

A course in selecting the farm, planning the rotation, locating the fields, lots and buildings, and keeping the farm accounts. Farming is considered as a big business, and the need of a thoughtful plan in making it a success is carefully considered.

**13. AGRICULTURAL EDUCATION AND TEACHING—Three hours.**

This course deals with the educational aims in teaching Agriculture. Special attention is given to selection of material and subject matter that will correlate the work of the school life with life in the community and rural life institutions in view of modern demands.

## BIOLOGY

The first aim of the Department of Biology is to prepare teachers for the elementary and secondary schools. It further endeavors to give a biological setting for the educational studies and for the general activities of life. Its courses are also so organized that one seeking elementary training for fields other than teaching may be accommodated.

The courses in botany and zoology are planned to combine laboratory and field work wherever this is desirable and possible, so that these studies of the field and laboratory may be correlated with the ecology, habits, and life histories of Colorado forms.

### COURSE OF STUDY

Two years or four years for majors in Biology. In addition to the free electives and the core subjects included in all the curricula as shown on page 47, the Department of Biology requires:

#### BOTANY THE MAJOR INTEREST

FIRST YEAR: Botany 1, 2, and 3; Chemistry 1 and 2; Library Science 1.

SECOND YEAR: Zoology 1, 2 and 3; Chemistry 7; Physics 1 and 2; Botany 4.

THIRD YEAR: Botany 101 and 102; Zoology 102; Geology 100; Physics 15.

FOURTH YEAR: Biotics 101; Bacteriology 1; Chemistry 108 and 109.

#### ZOOLOGY THE MAJOR INTEREST

FIRST YEAR: Zoology 1, 2 and 3; Chemistry 1 and 2; Library Science 1.

SECOND YEAR: Physics 1 and 2; Botany 1, 2 and 3; Chemistry 7; Zoology 5.

THIRD YEAR: Zoology 101 and 102; Geology 100; Botany 4; Physics 11.

FOURTH YEAR: Biotics 101; Zoology 105; Chemistry 108 and 109.

### BIOLOGY

**2. EDUCATIONAL BIOLOGY—Three hours. Each Quarter. Required of all first year students.**

A study of some of the fundamental facts and laws of life that have a bearing on education. It forms a basis for the intelligent study of other educational subjects. It considers: the cell and nature of protoplasmic response, nutrition of organisms, specialization and adaptation, civic biology, evolution, heredity and Mendel's laws.

## BOTANY

1. GENERAL BOTANY—Four hours. Fall Quarter. Fee, \$1.00.

A study of the forms representative of the plant kingdom up to the Cycads. Their relation to man is given special emphasis.

2. GENERAL BOTANY—Four hours. Winter Quarter. Fee, \$1.00.

A study of type forms representative of the Cycads, conifers and flowering plants, followed by an elementary study of the physiological functions of plants. The economic importance of flowering plants is also stressed.

3. SYSTEMATIC BOTANY—Four hours. Spring Quarter. Fee, \$1.00.

Carried on largely in the field. A study of the local forms of flowering plants and their taxonomic relations.

4. PLANT PHYSIOLOGY—Four hours. Winter Quarter. Fee, \$1.50.

An elementary course in which the experimental method is used elaborately to give the student a working knowledge of the physiological functions of plants. Prerequisite, Botany 1 and 2.

101. TAXONOMY—Four hours. Spring Quarter. Fee, \$1.00.

Treats of the morphological relations of plants and their classification. Prerequisite, Botany 1 and 2.

102. BOTANICAL TECHNIC—Two hours. Winter Quarter. Fee, \$1.50.

A laboratory course treating of the collecting, preservation of materials and the preparation of microscopic slides.

103. PLANT ECOLOGY—Four hours. Spring Quarter. Fee, \$1.50.

Deals with the distribution, morphology and functions of plants as related to the habitat. Offered when a group of five or more students desire it.

## ZOOLOGY

1. INVERTEBRATE ZOOLOGY—Four hours. Fall Quarter. Fee, \$1.00.

Morphology and natural history of the invertebrates. Their relation to man is constantly emphasized.

2. VERTEBRATE ZOOLOGY—Four hours. Winter Quarter. Fee, \$1.00.

Vertebrate morphology, starting with the cordates and including comparative work on the higher vertebrates. Their economic relations are stressed.

3. BIRDS AND MAMMALS—Four hours. Spring Quarter. Fee, \$1.00.

Treats of the systematic position of the birds and mammals, their geographic distribution, life history, evolution and economic relations. Local forms will be studied and museum material used elaborately.

5. BIRD STUDY—Four hours. Spring Quarter. Fee, 75c.

A study of Colorado birds. Consists of work in the field, combined with the laboratory and museum. The course is not a scientific study of birds, but rather, as the name implies, a study that should enable the student to identify the common birds and know something of their life histories, ecology, habits and economic importance. Students in this course may expect to use Saturday for some of the excursions that require time.

101. ZOOLOGY TECHNIC—Two hours. Winter Quarter. Fee, \$1.50.

Work in making microscopic slides, preparation and preservation of specimens for class and museum use.

102. SYSTEMATIC ZOOLOGY—Four hours. Fall Quarter. Fee, \$1.00.

A study of Colorado forms and their classification.

105. ENTOMOLOGY—Four hours. Spring Quarter. Fee, \$1.50.

A study of Colorado insects with reference to their structural relations, classification, and economic importance.

107. ANIMAL BEHAVIOR—Four hours. Winter Quarter. Fee, \$2.00.

A study of the behavior of various animals in response to natural and artificial conditions and stimuli. Forms a basis for the study of instinct, intelligence, memory and the learning process. This class will be organized whenever five or more students desire it.

## BACTERIOLOGY

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

Morphology, classification, cultivation, observation, fermentative processes and pathogenicity of micro-organisms. Special attention given to the needs of Home Economics Majors and Nurses in Training.

## NATURE STUDY

1. NATURE STUDY—Four hours. Fall and Spring Quarters. Fee, 50c.

Laboratory and field work on general nature topics. Aims and methods of Nature Study teaching considered. Designed especially to meet the needs of elementary school teachers.

2. NATURE STUDY—Four hours. Winter Quarter. Fee, 50c.

A study that considers certain phases of physical nature study, plant and animal life not treated in Nature Study I. Especially designed for students who wish to have a greater teaching knowledge of the field of Nature than can be acquired in one course.

## BIOTICS

102. HEREDITY AND EUGENICS—Four hours. Winter Quarter.

The first half of this course deals with the physical basis of heredity—Mendel's laws, their modifications and extensions and other principles governing the transmission of inherited characters; the second half considers the present eugenic trend of the American people, how to eliminate the defective strains of germ-plasm and what measures may be taken to preserve the superior strains.

## CHEMISTRY

It is the aim of this department to offer a schedule of courses which will fill the needs of the following classes of students:

A. Students taking chemistry as a requirement of the Home Economics Department. Such students will find the chemistry requirements outlined under their department.

B. Students desiring to specialize in chemistry in order to enter the chemical industries or the teaching profession. They will follow the program outlined below.

C. Students taking the new Science Course with chemistry as a minor subject. They will find the requirements in chemistry outlined under the Department of Physics or the Department of Biology.

In these courses the high school chemistry will not be allowed in lieu of General College Chemistry, as the latter course is more intensive and extensive than is the high school course.

## COURSE OF STUDY

Two years or four years for majors in chemistry. In addition to the free electives, and the core subjects included in all the curricula as listed on page 47, 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 110, 111 and 7.

THIRD YEAR: Zoology 1 and 2, Chemistry 114, 114b and 113.

FOURTH YEAR: Chemistry 115, 116, 115b and 117.

1. GENERAL CHEMISTRY—Three hours. Fall Quarter. Fee, \$3.00. Two lectures and one laboratory period on the theory of chemistry and non-metals.

2. GENERAL CHEMISTRY—Three hours. Winter Quarter. Fee, \$3.00. Two lectures and one laboratory period. A continuation of Course 1.



3. GENERAL CHEMISTRY—Three hours. Spring Quarter. Fee, \$3.00.  
Two lectures and one laboratory period on the chemistry of metals. A continuation of Course 2.

3b. HOUSEHOLD CHEMISTRY—Three hours. Spring Quarter. Fee, \$3.00.  
Two lectures and one laboratory period on chemistry in the home.

4. GENERAL CHEMISTRY—Four hours. Fall Quarter. Fee, \$4.00.  
This course covers the same textbook work as Course 1 does, but requires more laboratory work. Two lectures and two laboratory periods.

5. GENERAL CHEMISTRY—Four hours. Winter Quarter. Fee, \$4.00.  
A more extensive course than Course 2. Two lectures and two laboratory periods. Continuation of Course 4.

6. GENERAL CHEMISTRY—Four hours. Spring Quarter. Fee, \$4.00.  
A continuation of Course 5. Two lectures and two laboratory periods. Courses 4, 5, and 6 are required of all science students (except those specializing in biology, who may elect 1, 2 and 3 instead; and Home Economics students).

7. QUALITATIVE ANALYSIS—Two to eight hours. Any Quarter. Fee, \$4.00.

A laboratory and consultation course on the separation and identification of the common elements. Prerequisite, Course 1, 2 and 3, or 4, 5 and 6.

108. ORGANIC CHEMISTRY—Three hours. Fall Quarter. Fee, \$3.00.

Two lectures and one laboratory period. A study of the hydrocarbons and their derivatives.

109. ORGANIC CHEMISTRY—Three hours. Winter Quarter. Fee, \$3.00.

Two lectures and one laboratory period. A continuation of Course 108. A study of the carbohydrates, proteins, and benzene derivatives.

Prerequisites for 108 and 109 are 1, 2, 3, or 4, 5, 6. Recommended to students specializing in biology or physics.

110. ORGANIC CHEMISTRY—Four hours. Fall Quarter. Fee, \$4.00.

Two lectures and two laboratory periods. Same textbook work as Course 108 but more extensive laboratory work.

111. ORGANIC CHEMISTRY—Four hours. Winter Quarter. Fee, \$4.00.

Two lectures and two laboratory periods. A continuation of Course 110. Prerequisite for Courses 110 and 111 are Courses 4, 5, 6.

112. FOOD CHEMISTRY—Three hours. Spring Quarter. Fee, \$3.00.

Two lectures and one laboratory period. A study of foods, detection of adulterants, metabolism and dietary lists. Recommended as a general cultural course. Prerequisite for 112 is 1, 2, 108 and 109.

113. FOOD CHEMISTRY—Four hours. Spring Quarter. Fee, \$4.00.

A more comprehensive course than 112. Prerequisites, 4, 5, 6, 110, 111.

114 and 114b. QUANTITATIVE ANALYSIS—Four or eight hours. Any Quarter. Fee, \$4.00.

Gravimetric and volumetric analysis. A laboratory and consultation course. Eight or sixteen hours attendance. Prerequisites, Courses 4, 5, 6, 7.

115 and 115b. INDUSTRIAL CHEMISTRY—Four or eight hours. Any Quarter. Fee, \$4.00.

In this course the student may enter upon a study of any one or more of the following chemical industries: Steel, oil, coal, water, gas, fertilizers, cement, dyes, etc. A laboratory and consultation course. Prerequisites, Courses 4, 5, 6, 7, 114.

116. AGRICULTURAL CHEMISTRY—Four hours. Any Quarter. Fee, \$4.00.

An application of the principles of chemistry to soils, fertilizers, etc. Prerequisites, 1, 2, 3 and 7, or 4, 5, 6 and 7.

117. TEACHING OF CHEMISTRY—Three hours. Any Quarter. Fee, \$3.00.

Discussion and reports on the teaching of high school chemistry, and practice in setting up demonstration apparatus.

201. ADVANCED INORGANIC CHEMISTRY—Three hours. Any Quarter. Fee, \$3.00.

Recitations and lectures on the most recent theories of Chemistry.

## 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 planning of a single lesson to the making of a curriculum or the planning of a school building.

### COURSE OF STUDY

In addition to the free electives, and the core subjects included in all the curricula as listed on page 47, this department requires:

#### FOR KINDERGARTEN AND PRIMARY TEACHERS

##### TWO YEARS

First Year: Ed. 51, Ed. 52, Music 2a, Libr. Sci. 1, Art 2, Ind. Arts 1, Nat. Study 1.

Second Year: Art 13, Ed. 3, Eng. 15.

#### FOR INTERMEDIATE TEACHERS

##### TWO YEARS

First Year: Ed. 21, Agri. 1, Agri. 3, Music 2a or 2b, Eng. 13 and Art 14, Geog. 12.

Second Year: Ed. 22 (substituted for Ed. 2b), Sociology 18, History 10, Math. 8, Geog. 12.

#### FOR JUNIOR HIGH SCHOOL TEACHERS

##### TWO YEARS

First Year: Lib. Sci. 1, Eng. 15, Method Courses, 4 hours.

Second Year: Ed. 112, Ed. 15, Method Courses, 4 hours, History 10. One Geography Course.

#### FOR TEACHERS AND SUPERVISORS IN RURAL SCHOOLS

First Year: Ed. 21, Agri. 1, Agri. 3, Music 2a or 2b, Eng. 13 and Eng. 15, Ind. Arts 1.

Second Year: Ed. 22 (substituted for Ed. 2b), Sociology 18, History 10, Math. 8, Geog. 12.

#### THIRD AND FOURTH YEAR STUDENTS IN EDUCATION

For Majors in Elementary Education: Ed. 104, Ed. 106, Ed. 152, Psy. 107, Ed. 229, Biotics 101.

For Superintendents, Supervisors, and Principals: Ed. 113, Ed. 115, Ed. 142, Ed. 143, Ed. 144, Ed. 147, Ed. 220, Ed. 229, Psy. 107, Biotics 101.

1. PRINCIPLES OF TEACHING AND OBSERVATION—Three hours. Every Quarter. A study of the theory and practice of proper classroom procedure; a study of the making of lesson plans, their aims and functions; analysis of the various types of classroom procedure; the deductive and inductive lesson, the object lesson, the assignment lesson, the appreciation lesson, review and drill exercises, the socialized recitations and the project method. These various types of lessons are demonstrated by actual recitations in the elementary training school. This course re-

quires from sixteen to eighteen systematic observations of the training teachers in which a careful study is made of each recitation in individual conference with the training teacher observed.

This course is prerequisite to student teaching in the elementary training school.

2. **STUDENT TEACHING IN THE ELEMENTARY TRAINING SCHOOL**—Hours according to schedule. Required of all Junior College Students. Second year.

This course will include conferences, observation and teaching.

3. **PRIMARY GRADE METHODS**—Four hours. Fall and Spring Quarters. This course should be taken previous to student teaching.

In this course the needs of the child entering school for the first time will receive special attention. The latest and most scientific articles on primary methods will be read and discussed, and a resume of methods and materials for all primary work will be included. Observation of classes.

4. **INTERMEDIATE GRADE METHODS**—Four hours. Fall and Winter Quarters. This course should be taken previous to student teaching.

This course will deal with problems of instruction in intermediate grades. The best material and devices for the teaching of Arithmetic, Geography, History, Writing, Reading, Composition, and Spelling will be considered. Recent books and magazine articles will be discussed in class. Demonstration classes.

7. **PRACTICAL PROJECTS IN PRIMARY GRADES**—Three hours. Three days a week. Summer Quarter.

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

8. **AN INTRODUCTION TO THE STUDY OF EDUCATION**—Three hours. Every Quarter. Required of all the first year students.

This course aims to introduce the student to the study of education. It does for education what general science does for the later study of specialized subjects in science. The course deals with teaching as a profession, educators of the past and present, and many of the problems that are met in the field of education. The purpose of the course is to orient the student in the great field of education and prepare him for the specialized study to come later.

10. **THE ELEMENTARY SCHOOL CURRICULUM**—Three hours. Every Quarter. Required of all students.

This course will deal largely with the objectives of elementary education. The main subjects of the elementary curriculum will be studied from the standpoint of objectives to be attained in each and the place and importance of each in the public schools of today. Each subject will also be studied to determine what additions and eliminations of subject matter are desirable.

13. **THE TEACHING OF SPELLING**—Two hours (Offered on demand).

The purpose of this course is to present the most reliable and certain facts in teaching of spelling and to present them in their relation in the practical problems which the teacher has to face every day in the classroom. The following problems will be discussed: The selection and classification of words; testing for word difficulty; a psychological basis of spelling; the presentation of words; the prevention and treatment of errors; the measurement of spelling ability factors affecting spelling ability.

15. **VOCATIONAL GUIDANCE**—Two hours. Spring Quarter.

This course will deal with the place of vocational guidance in public school systems. Among other subjects it will treat of the need and value of the study of occupations, vocational analysis, opportunities for vocational education, opportunities for employment, the work of placement and vocational bureaus and various guidance agencies in this and other countries.

16. **TRAINING COURSE FOR CAMP FIRE GUARDIANS**—One hour. Every Quarter.

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. **TRAINING COURSE FOR CAMP FIRE GUARDIANS**—One hour. On demand. Open to students who have had the elementary course in Camp Fire.

17. **BOY SCOUT WORK**—One hour. Every Quarter.

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

21. **RURAL SCHOOL PROBLEMS**—Four hours. Winter and Spring Quarters.

This course will consider problems peculiar to the rural school teacher. The organization and administration of the rural school course of study, school classroom management, the school laws that apply particularly to rural schools, the reactions of teacher to school board and to the community, and the methods of relating the activities of the school to the activities of the community will be dealt with.

22. **STUDENT TEACHING IN RURAL DEMONSTRATION SCHOOLS**—Four hours. Every Quarter.

Consolidated Schools and several rural schools near Greeley are being used for the special training of teachers. Students who plan teaching in a one-teacher school should take one month of teaching in the rural schools; those who plan to teach in consolidated schools should take their month of teaching in such schools. Student teachers live at the teachers' cottages while teaching and can arrange to carry on their studies in absentia while so teaching.

33. **HISTORY OF MODERN EDUCATION**—Three hours. Fall Quarter.

This course will be introduced by a brief review of the Education of the Renaissance to furnish the setting for the study of the trend of modern education. The main part of the course will be devoted to such subjects as the development of the vernacular schools, the early religious basis of elementary and secondary schools, and the transition to a secular basis, together with the educational philosophy of such men as Comenius, Locke, Rousseau, Pestalozzi, Herbart and Froebel.

34. **HISTORY OF EDUCATION IN THE UNITED STATES**—Three hours. Winter Quarter.

Beginning with the old world background this course will trace the development of free public education in America up to the present time. Special attention will be given to the development of the different types of schools.

45. **COMMUNITY CO-OPERATION**—One hour. Every Quarter.

All students engaged in work under the Community Co-operation Plan will enroll under this catalog number in order to allow proper record in the office.

51. **STORY TELLING, SONGS AND GAMES FOR KINDERGARTEN AND PRIMARY CHILDREN**—Four hours. Every Quarter.

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

52. **KINDERGARTEN CURRICULUM AND USE OF MATERIALS**—Four hours. Fall and Winter Quarters.

A study of the growth of the kindergarten, its relation to the first grade and the best material selected in order to meet the various needs of the child.

101. **PRINCIPLES OF TEACHING IN HIGH SCHOOL**—Four hours. Winter Quarter.

This is a course in methodology as the subject relates itself to the curriculum of secondary schools. Every phase of the work that is being done in the Secondary Training School is discussed in the more recent lights and development of secondary education. This course is an integral part of the plan for training high school teachers and is a prerequisite to student teaching in the Secondary Training School.

102. **ADVANCED STUDENT TEACHING IN ELEMENTARY TRAINING SCHOOL**—Four hours. Every Quarter.

102a. **STUDENT SUPERVISION IN ELEMENTARY TRAINING SCHOOL**—Four hours. Every Quarter.

102c. **STUDENT SUPERVISION OF EXTRA CURRICULA ACTIVITIES IN TRAINING SCHOOL**—Four hours. Every Quarter.

**103. STUDENT TEACHING IN SECONDARY TRAINING SCHOOL—Four hours. Every Quarter.**

Student teaching in the Secondary Training School consists of teaching, observation, supervision, lesson planning, assigned readings, and individual conferences with the training teacher and general conferences with the principal of the High School and the director of the Training Schools. Student teachers spend approximately one-half of their time in actual teaching under the supervision of the training teacher and the remainder in observing the training teacher and in taking part in the recitation as a member of the class. Teaching is to be assigned in terms of problems or units, each problem or unit to occupy at least five consecutive recitations or as many more as the training teacher may think necessary.

**104. THE PROJECT METHOD OF TEACHING—Four hours. Spring Quarter.**

The purpose of this course is to study and define the project and project method from a critical point of view and to discuss the reorganization of the curriculum on the project basis. A study and criticism of current definitions of a project will be made. Since a knowledge of the historical background is necessary to a proper understanding of the term, the history of the project will be developed.

**106. TYPES OF ELEMENTARY TEACHING AND LEARNING—Four hours. Fall Quarter.**

This course deals with methods of improving instruction in the elementary grades. Emphasis is placed on arithmetic, silent reading, language, oral reading, and spelling.

**108. EDUCATIONAL SUPERVISION—Four hours. Summer Quarter.**

This course will deal with problems of supervision in school systems. It will be of especial value to those who expect to become superintendents or supervisors.

**110. SUPERVISED STUDY—Two hours. Twice a week. Summer Quarter.**

This course will deal with the entire field of supervised study.

**\*111. PHILOSOPHY OF EDUCATION—Four hours. Spring Quarter.**

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

**\*111a. EDUCATIONAL THEORY AND ITS INFLUENCE ON METHOD AND PRACTICE—Four hours. Winter Quarter.**

The purpose of this course is to show the necessity of correlating method and practice with sound educational theory. This course will be given with the conviction that educational theory and practice have been vitiated by pre-conceptions which were historically inevitable but which are unjustifiable in the light of modern knowledge.

**112. SCHOOL HOUSE CONSTRUCTION—Two hours. Spring Quarter.**

This course will deal with the practical problem of school house construction. Some of the problems to be dealt with will be: (1) Selecting an architect; (2) Procuring a site; (3) Making use of school building standards; (4) Checking architect's plans and (5) Supervising construction.

**113. ORGANIZATION AND ADMINISTRATION OF A JUNIOR HIGH SCHOOL—Four Hours. Fall Quarter.**

In this course the following points will be considered: Organization; standards for judging junior high schools; historical development; the program of studies; the daily schedule of classes; courses of study for the various subjects; the qualification of teachers, etc. After many representative junior high schools of the United States have been considered from the above mentioned standpoints, each student will arrange a program of studies and a course in one subject for a junior high school in some designated community.

**114. PRIMARY SUPERVISION—Three hours. Summer Quarter.**

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

**115. ORGANIZATION AND ADMINISTRATION OF AN ELEMENTARY SCHOOL—Three hours. Winter Quarter.**

In this course the work of the elementary school principal will be analyzed from the standpoint of organization, supervision, teaching, course of study, and all general problems arising in the administration of an elementary school.

\*111a May be substituted for Ed. 111.

**116. ORGANIZATION AND ADMINISTRATION OF A SENIOR HIGH SCHOOL—Four hours. Spring Quarter.**

This course will deal with the senior high school from the standpoint of organization, programs, teaching, course of study, social life, arithmetic, and all general problems arising in the administration of a senior high school.

**131. VISUAL EDUCATION—Three hours. Spring Quarter.**

The purpose of this course is to offer definite information and practice in methods in visual instruction and their adaptation to school use. Among the topics studied are the principles and practice of visual instruction; sources of material; preparation and use of school exhibits; the preparation and use of photographs, lantern slides, and motion pictures. Laboratory practice will comprise about one-third of the course.

**135. EDUCATIONAL CLASSICS—Four hours. Spring Quarter.**

Such classics as Plato's "Republic," Rousseau's "Emile," Pestalozzi's "Leonard and Gertrude," and Spencer's "Education" will be considered (a) as interpretations of educational practices of the various periods of history represented and (b) as representations of theory related to present day education.

**142. CITY SCHOOL ADMINISTRATION—Four hours. Winter Quarter.**

This course is designed primarily for students preparing themselves to be principals, supervisors, or superintendents. All phases of the city school administration will be dealt with. Particular emphasis will be placed on such subjects as employment, pay and promotion of teachers, and making of the school budget, the planning of a building program, and the development of a course of study.

**143. NATIONAL, STATE AND COUNTY EDUCATIONAL ADMINISTRATION—Four hours. Fall Quarter.**

This course deals with the fundamental principles of educational administration as they apply to the nation, state, and county. Federal aid to education will be studied. The correct organization of a state department of education and the state's relation to certification, finance, attendance, etc., will be a part of the course. The county as a unit of administration will also be dealt with.

**144. SCHOOL PUBLICITY—Two hours. Winter Quarter.**

This course will study such problems as school papers, bulletins, house organs, and publications for patrons. How to get material ready for the newspapers, and how to handle such community projects as clean-up week, American education week, know your schools week, music week, bond elections, Parent-Teacher associations and other community enterprises will be a part of this course. Given by the department of education and the department of English jointly.

**147. EDUCATIONAL SURVEYS—Two hours. Fall Quarter.**

In this course an opportunity will be given to study the technique of conducting surveys, the surveys which have been made, and the application of these surveys to educational thought and practice.

**152. PRINCIPLES UNDERLYING THE EDUCATION OF CHILDREN IN THE KINDERGARTEN AND PRIMARY GRADES—Four hours. Spring Quarter.**

This course is intended to be of help to kindergarten and primary teachers and supervisors.

**220. EDUCATIONAL FINANCE—Two hours. Spring Quarter.**

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.

**223. RESEARCH IN EDUCATION—Hours dependent upon amount of work done. Every Quarter.**

This course is intended for advanced students capable of doing research in educational problems. Each student may choose the problem of greatest interest to him and carry on his studies in any phase of education, provided sufficient opportunity is at hand for original investigation. The results of such research are usually embodied in a thesis. Conference course at hours convenient to instructor and student.

**228. COMPARATIVE SCHOOL SYSTEMS—Four hours. Winter Quarter. Every other year.**

This course will include a study of European systems of education, particularly the German, French and English, for the sake of a comparative basis and the suggestions that they furnish for the solution of current problems in American administration.

## 229. CURRENT EDUCATIONAL THOUGHT—Four hours. Spring Quarter.

This course will consist of reviews and discussions of recent books in the various fields of education.

## 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 below 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 designed 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.

## COURSE OF STUDY

## FOUR YEARS FOR MAJORS IN PSYCHOLOGY

In addition to free electives, and the core subjects listed on page 47, 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 101.

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

Students who wish to major in the curriculum for teachers of special schools and classes will take Psychology 112, a course in eugenics and a course in construction work in place of psychology 105, 108b and 212. They will also be held for some practice teaching in special classes.

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

1. CHILD HYGIENE—First Year. Three hours. Required of students who specialize in any of the curricula of the Training School.

The main purposes of this course are: (a) to point out how the child's school progress and mental and physical development are arrested, and how his health and behavior are impaired by the physical defects which are very prevalent among school children: (b) to discuss the causes of defects, the methods of preventing and detecting them, and the measures which are required for an effective amelioration or cure.

The following topics will be treated: educational and economic values of health; the need of health conservation; deformities and faulty postures; air requirements; malnutrition and school feeding; hygiene of the mouth; enlarged adenoids and diseased tonsils; defective hearing; defective vision.

## 2. EDUCATIONAL PSYCHOLOGY—

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

The purposes of this course are: (a) to make the student familiar with the child's capacities, tendencies and native responses and to show him how they, and the nature and order of their development, are involved in the process of educating the child; (b) to discuss such conditions of the school room and school activities as will avoid fatigue and promote work.

The following topics will be treated: The child's native equipment; mental work and fatigue.

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

Purposes of the course: (a) to acquaint the student with the various modes of learning and the conditions which facilitate learning; (b) to discuss the nature of individual differences and point out their significance for instruction and the arrangement of school work.

General topics: The psychology of learning; individual differences.

## 3. CHILD DEVELOPMENT—Second year. Four hours. Spring Quarter.

The purposes of this course are: (a) to point out the child's requirements during the different stages of his physical development; (b) to describe the nature of the child's mental development and discuss the kind of school work which is adapted to him in any stage of development.

The following topics will be treated: Purposes and methods; anthropometrical measurements and growth; the development of attention and sense-perception; instruction in observation; the development of memory, imagination and thinking; the psychology of lying; the growth of feelings and ideas; volition, suggestion and interest.

## 104. PSYCHOLOGY OF ELEMENTARY SCHOOL SUBJECTS—Third year. Four hours. Required. Winter Quarter.

The purposes of this course are: (a) to make an analysis of the school subjects with the object of determining what mental processes, and modes and conditions of learning are involved in studying them; (b) to review the results of experimental studies on the methods of teaching and learning the school subjects; (c) to discuss the necessity of varying the methods of teaching, and learning the school subjects with the progress made and with individual differences in children; (d) to criticise methods of instruction in the light of individual requirements, the result of experimental studies, and the mental processes involved in a given subject.

Topics treated: The elementary school subjects.

## 105. PSYCHOLOGY OF THE HIGH SCHOOL SUBJECTS—Third year. Four hours. Required of students preparing to teach in the senior high school in lieu of Course 104. Winter Quarter.

The purposes of this course are: the same as those enumerated in Course 104.

Topics treated: The high school subjects.

## 106. CLINICAL PSYCHOLOGY—Four hours. Winter Quarter.

The purposes of the course are: (a) to teach the student how to determine the mental status of a child through first-hand observations, tests and experiments, and thru the collection of hereditary, developmental and environmental data pertaining to the child; (b) to show how we may learn about the child's mental status from the effects of a prescribed course of treatment; (c) to show the social, racial and educational significance of varying degrees of mentality.

The following topics are treated: Methods and purposes of clinical psychology; mental classification of children; pathological classification of the feeble-minded; the treatment of special classes of children; social, racial and educational aspects of feeble-mindedness; mental characteristics of the feeble-minded.

## 107. MENTAL TESTS—Four hours. Fall Quarter.

The purposes of the course are: (a) to make the student familiar with the means and methods which are employed to determine the child's general intelligence and the efficiency of his individual mental processes; (b) to point out the social, educational, psychological, and vocational significance of tests.

Topics treated: Various forms of individual tests, such as the Binet series and its modifications; various forms of group tests, such as the Army, Otis, National, and Pressey tests; tests of perception, memory, imagination, thinking, attention, psycho-motor control, and various combinations of mental processes.



108a. EDUCATIONAL TESTS AND MEASUREMENTS—Four hours. Fourth year. Required. Fall Quarter.

Chief purpose of the course: (a) to give the student a working knowledge of the best instruments for measuring the child's school progress and his performance level in the school subjects; (b) to discuss the methods of using the educational tests and tabulating the results; (c) to point out their educational significance in all of its phases.

Topics treated: Tests and standards of reading, writing, spelling, arithmetic, geography, and all the other elementary school subjects.

108b. EDUCATIONAL TESTS AND MEASUREMENTS—Four hours. Fourth year. Required of students who will teach in the Senior High School.

The purposes of this course are the same as those for 108a. The topics treated will be tests and standards of the high school subjects.

109. PSYCHO-CLINICAL PRACTICE—Two or more hours. Fall and Spring Quarters.

The purpose of this course is to give the student practice in determining the mental and physical status of children by means of tests, examinations, and the collection of other data. In this course an opportunity is given to put into practice much of the knowledge obtained in Courses 1, 106 and 107.

110. GENERAL PSYCHOLOGY—Four hours. Any Quarter.

Purposes of the course: (a) to make the student acquainted with psychological theories and concepts; (b) to discuss the nature of the mental processes; (c) to show what relations they bear to each other, due to the nervous system, to the stimuli of the external world, and to the various forms of mental and physical behavior.

Topics: Those which are listed in the textbooks on general psychology, such as the nervous system and its functions, sensations and images, attention, perception, memory, reasoning, instinct, feeling, emotion, and volition.

111. SPEECH DEFECTS—Two hours. Winter Quarter.

Purposes: (a) to make the student acquainted with such speech defects as aphasia, stuttering and lisping; (b) to show how these defects handicap the child in school and in life; (c) to discuss and demonstrate the methods of remedial and curative treatment.

112. HISTORY OF AUXILIARY EDUCATION—Two hours.

Purposes: To make the student familiar with the nature, origin, causes and development of the schools for backward and feeble-minded children.

113. VOCATIONAL PSYCHOLOGY—Four hours. Spring Quarter.

The purpose of this course is to make the student acquainted with employment psychology, personal work in industry and the application of psychology to industry and the vocations in general.

212. PSYCHOLOGICAL AND STATISTICAL METHODS APPLIED TO EDUCATION—Four hours. Spring Quarter.

Purposes: (a) to give school officials the technique necessary for the solution of educational problems involving the accurate measurement of mental processes; (b) to present the statistical methods employed in the treatment of educational data; (c) to give the student the statistical concepts required for the interpretation of most of the best educational literature topics treated; value of statistics; common statistical errors; collection and tabulation of data; measures of central tendency, variability and reliability; their application to test construction and the results obtained by giving tests; methods of correlation.

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

Purposes: To make possible more extensive and exhaustive work by the student on problems of special interest to him.

Topics: Formal discipline; sex hygiene; retardation; mental tests; learning; retinal sensations, space perception, etc.: practice in giving tests and working up the results in the most useful way, etc.

214. ADVANCED EDUCATIONAL PSYCHOLOGY—Three hours. Fall, Winter and Spring Quarters. A year's course primarily for graduate students.

The purpose of this course is to give the student (1) a first hand acquaintance with the experimental literature on selected topics on Educational Psychology; (2) an appreciation of psychological methods and experimental technique. The topics to be studied are as follows: Fall Quarter, curves of learning, the higher processes in learning, the transfer of training; Winter Quarter, psychological methods, fatigue, curve of work; Spring Quarter, sex differences, heredity, other individual differences.

## ETHICS

In the courses given below it is hoped that two essentials in the training of a teacher—Character and Personality—may be fostered and improved. The young woman who starts out upon her teaching career with a good ethical foundation, and the advantage of a character, developed through right ideals of conduct and appreciation, has assets which are invaluable.

1. **ETHICS—Personal Talks on Right Living—Two Periods. One hour credit. Every Quarter.**

In this course it is the aim of the Dean of Women to get in touch with the personal side of each student. Living conditions will be taken up, and all matters pertaining to conduct will be open to friendly discussion.

2. **ETHICS—Ethical Culture. Two hours. Every Quarter.**

A course designed for discussion of the problems of every day life; a general appreciation of culture and its necessity in the training of a teacher. Lectures, book, and magazine articles, reviews and reports.

## FINE AND APPLIED ARTS

The Department of Fine and Applied Arts aims to prepare teachers to meet all the demands made upon regular grade teachers in public and private schools from the kindergarten up through the high school in all branches of art, and to train special students to act as departmental teachers and supervisors. There are several courses for special students of Fine Arts and Commercial Art. The courses are open as electives to all students of the College.

The department occupies the entire second floor of Guggenheim Hall and is well equipped. In addition to the regular equipment there is a museum of ceramics, original paintings and reproductions of masterpieces.

### COURSE OF STUDY

Two or four year course in Fine and Applied Arts.

In addition to the free electives, and the core subjects included in all the curricula as listed on page 47, this department offers:

**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 108, 100, 101, 102, 104 and six hours of art to be selected by the student.

**FOURTH YEAR:** Art 104a, 105, 201 and six hours of art to be selected by the student.

1. **PUBLIC SCHOOL METHODS—Four hours. Fall and Winter Quarters. Fee, 50c.**

Freehand drawing, perspective, color, composition and design adapted to the needs of intermediate grades and junior high school. Mediums: pencil, charcoal, water, colored chalk.

Principles of teaching in connection with each unit of work.

2. **PRIMARY GRADE METHOD—Four hours. Fall and Spring Quarters. Fee, 50c.**

Freehand drawing, perspective, color, composition and design, adapted to the needs of the first four grades. Principles of teaching in connection with each unit of work.

3. **FREEHAND DRAWING—Four hours. Each Quarter.**

Drawing in charcoal, pencil and colored chalk from nature and from still life. Principles of perspective.

**3a. PERSPECTIVE—Four hours. Fall Quarter.**

The study and practical application of the fundamental principles of perspective with practice in outdoor sketching, interiors, and still life.

**4a. APPLIED DESIGN—Four hours. Fall Quarter.**

Principles of design. Creative design with relation to textiles. Processes of stitchery, block printing, tie-dying and batik. Student completes one or more problems under each process.

**4b. DESIGN—Four hours. Fall Quarter.**

Theory of design. Development of the principle of design through study of plant, bird, animal and geometric motifs.

**5. WATER COLOR PAINTING—Four hours. Fall and Spring Quarters.**

Still life, flowers, landscapes and birds suggest the subject matter of this course. Color harmony, composition.

**6. ART APPRECIATION—One hour. Winter Quarter.**

The main principles of esthetics underlying the fine arts are taken up in illustrated lectures. The course is planned with a view to increasing the student's power to select and enjoy good examples of fine art. Picture study for grades and high school.

**7. CONSTRUCTIVE DESIGN—Four hours. Every Quarter.**

Development of design and construction of problems in tooled leather, block printing, basketry, batik, gesso, painted objects, lamp shades.

**9. HISTORY OF ART—Three hours. Winter Quarter.**

The evolution of art from the beginning of history; the growth of the great schools and their influences; the study of the important masters, their personalities as related to their art, and their work as an index to the time in which they lived; illustrated by a large collection of photographs and lantern slides. Lectures with related reading.

**11. HISTORY OF ARCHITECTURE—One hour. Spring Quarter.**

Illustrated lectures on the development of architecture; interpretations of famous buildings.

**12. HOUSEHOLD ART DESIGN—Four hours. Spring Quarter.**

Principles of design and color related to costumes and interior decoration. The execution of designs for interiors and costumes.

**13. APPLIED ART FOR PRIMARY GRADES—Four hours. Fall and Winter Quarters. Fee, \$1.50.**

This course includes paper construction, cutting, design, stick-printing, weaving, modeling, toy making, stitchery, table problems. With methods of teaching for the first four grades.

Relation of art to other subjects of the curriculum.

**14. APPLIED ART FOR INTERMEDIATE AND GRAMMAR GRADES—Fall and Spring Quarters. Fee, \$1.50.**

Application of design and color to paper construction, basketry, book-binding, block print, toys, clay modeling. Relation of art to other subjects of the curriculum.

**15. POTTERY—Two hours. Fall and Winter Quarters. Fee, \$1.00.**  
A course which stresses the decoration and glazing of pottery.**16. ANTIQUE—Four hours. Winter and Spring Quarters.**

Charcoal drawing from casts in outline and in light and shade. An intensive course requiring accurate drawing and close study of values.

**17. LETTERING AND POSTER COMPOSITION—Two hours. Fall and Winter Quarters.**

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

**18. DRAWING AND DESIGN—Two hours. Fall and Winter Quarters.**

The study of structural design and surface enrichment of furniture and crafts problems. This course is planned to meet the needs of manual training teachers.

## 100. METHODS IN ART SUPERVISION—Two hours. Spring Quarter.

The supervision of art education in city systems; the planning of a course of study; methods of teaching.

## 101. DRAWING FROM LIFE—Four hours. Spring Quarter.

Study from the costumed model. Drawing in pencil, charcoal and colors.

## 102. COMMERCIAL DESIGN—Four hours. Winter and Spring Quarters.

Design considered in its relation to advertising art. Posters, cover designs and various advertising problems are executed. Lettering. Prerequisite, Art 17.

## 104. DESIGN AND COMPOSITION—Four hours. Winter Quarter.

The theory of space filling and color harmony; conventionalized plant motifs; lettering.

## 105. OIL PAINTING—Four hours. Fall Quarter.

## 108. POTTERY—Four hours. Fall and Winter Quarters. Fee, \$2.00.

Study and application of various processes in modeling, firing and decorating clay objects such as bowls, vases, and tiles. The historical development of pottery making as a craft with emphasis on standards for judging the art value. Casting and cement pottery.

## 200. OIL PAINTING—Four hours. Winter and Spring Quarters.

This work may be done outside of regular classes, to suit the convenience of the student. Regular criticisms will be given by the instructor in charge. The student must submit satisfactory evidence of having had sufficient preparation for this course.

## 201. COLOR COMPOSITION—Four hours. Each Quarter.

An advanced study of color composition in oil or water color. Arrangements of form and color for decorative effect. Designs for specific fine arts objects.

## 202. RESEARCH IN ART.

This course is intended for advanced students who wish to do research work in connection with art courses and problems of interest to art teachers.

## GEOLOGY, PHYSIOGRAPHY, AND GEOGRAPHY

The courses listed in this department are not review courses covering the material taught in the elementary schools. Such review courses are listed in the High School department and no credit is given in them toward graduation from the College.

Geography is a definite science, in which the superstructure 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.

## COURSE OF STUDY

Two years or four years for majors in Geology, Physiography and Geography.

In addition to the free electives and the core subjects included in all the curricula as listed on page 47, this department requires:

FIRST YEAR: Geography 7, 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.

## 2. PHYSIOGRAPHY—Four hours. Winter Quarter.

The work in this course is divided between topographic work, which embraces a study of topographic and geologic maps, and, in so far as possible, field trips to type regions. Four weeks of the twelve are devoted to the study of meteorology and the observation and prediction of weather phenomena.

4. REGIONAL GEOGRAPHY OF NORTH AMERICA—Four hours. Fall Quarter.

The continent will be studied from the standpoint of its geologic and climatic controls and upon these will be built the economic and other human aspects. The continent will be divided regionally into climatic provinces which will be used as the starting point for the study of similar climatic provinces in other continents.

5. GEOGRAPHY OF THE NEW EUROPE—Four hours. Winter Quarter.

We endeavor to understand Europe in all climatic and geologic terms of our own continent. The linguistic, economic, and other bases for the new countries of Europe will be studied.

7. GEOGRAPHY OF COMMERCE—Four hours. Winter Quarter.

Climate as a crop control, mineral deposits as locators of cities and industrial districts, other causes for the location of the world's large cities, and the supplanting of water by rail transportation, with a study of the principal rail routes, will be some of the subjects considered.

8. HUMAN GEOGRAPHY—Four hours. Fall Quarter.

The great subdivisions of mankind from the racial standpoint will be taken up, with a study of their physical and mental characteristics. The relation of man to his environment, as, for instance—desert, tropical forest, etc., will be stressed. Required in the Intermediate, Sociology and History courses.

12. GEOGRAPHY METHOD—Two hours. Winter Quarter.

A course in which the history of geography teaching is taken up, followed by a discussion of the relative values of the various methods of presentation. The materials suitable for each school grade will be discussed.

52. GEOGRAPHY OF SOUTH AMERICA—Four hours. Spring Quarter.

A course on the racial, economic, and political aspects of South American geography. Not given in 1925.

53. GEOGRAPHY OF ASIA—Four hours. Spring Quarter.

A course on the political, social and economic problems of the Orient, with especial reference to China and India. Not given in 1924.

100. GEOLOGY—Four hours. Fall Quarter.

Not so much a textbook course as an endeavor to get the kind of geology that will enable our Colorado teacher of mountain and plain to understand her environment in geologic terms and to incorporate this understanding in her nature study and geography teaching.

103. CLIMATOLOGY—Four hours. Spring Quarter.

The climates of the world with particular reference to their geographic influences will be the primary elements studied in this course. The basis for dividing the world into climatic provinces—Oregonian, Californian, Canadian, Nevadan, etc., will be taken up in detail.

113. MATHEMATICAL GEOGRAPHY—Three hours. Fall Quarter.

A recitation course designed to cover such problems as proofs of the earth's rotation and revolution, the tides, the international date line, standard time belts, calendars, etc.

120. GEOGRAPHY OF POLAR LANDS—Two hours. Winter Quarter.

This course refers to a part of the world usually ignored in the study of the continents. A discussion of the climatic factors in the Arctic and Antarctic regions will be taken up. The influence of these factors upon life on land and sea will be considered. The great resources of sea food yet untouched in the Polar seas, and the possible mineral resources upon the land will be studied.

122. BIOGEOGRAPHY—Four hours. Spring Quarter.

The distribution of plants and animals emphasizing the main climatic and geologic controls in such distribution.

130. THE ISLANDS OF THE SEA—One hour. Fall Quarter.

A study of the various ways islands are formed as well as their relation to the continents in a biologic and social sense. The average geography does not study the outlying islands because it is too busy with the continents. This course is designed to fill this gap in the student's geographic knowledge—a gap that needs to be filled because of the strategic and historic importance of many island groups.

144. GEOGRAPHY AND GEOLOGY OF MOUNTAINS—Two hours. Spring Quarter.

A course that is planned especially with reference to the mountains of Colorado. Geologic folios and climatic and botanical data will be considered and the student will be referred to this material in our library. One field trip to the mountains is usually taken.

150. GEOGRAPHY OF COLORADO—Two hours. Spring Quarter.

A lecture course on Colorado geography touching the physiographic features of the state, the influence of the geologic past upon these features, weather phases and climate of Colorado, the main geographic controls in animal and plant distribution, Colorado man, past and present, and his distribution, the industries of the state and the geographic controls of industry.

## HISTORY AND POLITICAL SCIENCE

This department offers courses in the two fields, history and political science, of such nature that they meet the needs of teachers in the elementary and high schools. The courses are arranged to cover the materials and methods which are most helpful in presenting the subjects of history and civics in the schools.

In nearly every phase of school work the teacher utilizes the subject matter of history, either directly in teaching the subjects or as supplementary material. History furnishes the background for an appreciation of the varied interests of the school; it is the basis of much of our thinking; and more and more it is assuming a prominent place in our daily experiences.

The increasing interest in civics and citizenship is marked. All phases of governmental activity are growing in importance. These features of our experience are reflected in the school programs. The courses offered in this field are of practical value to school teachers.

### COURSE OF STUDY

#### TWO YEARS AND FOUR YEARS

In addition to the free electives, and the core subjects, included in all the curricula as listed on page 47, this department requires.

FIRST YEAR: History 10, 13, 27; Political Science 12, 22, 26.

SECOND YEAR: History 4, 5, 6; Political Science 33, 25.

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

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

4. WESTERN AMERICAN HISTORY—Four hours.

The westward movement as an historical process; migration from the Atlantic to the Mississippi Valley; the Trans-Mississippi West; the history of Colorado as a part of the movement; the Pacific Coast and the dependencies.

5. EARLY MODERN EUROPE—Four hours.

The development of the medieval period particularly affecting the people of modern Europe will be considered. The course will include the French Revolution and Napoleon. Interest will center around the social and industrial phases of the experiences of the people.

6. RECENT EUROPEAN HISTORY—Four hours.

This is a continuation of Course 5. The period since Napoleon will be traced through the political, social and industrial developments. The experience of the people since 1870 will furnish the basis for understanding the more recent events. The relation of the people of the United States to the European conditions will receive attention.

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

The current social and industrial conditions in the United States will be traced from their beginnings; European conditions which furnish traceable influences will be considered. Some of the subjects are the natural resources; the influence of cheap land; the effect of invention, machinery and science; the development of agriculture and manufacture; the rise of the great industries, capitalism, business combination and labor organization; the efforts of labor to better conditions.

11. COMMERCIAL HISTORY OF THE UNITED STATES—Four hours.

English commerce in its effect upon colonization; the colonial commerce and its consequences; the several periods of American commerce, domestic and foreign; government aid; the consular service; the relation of commerce to business development; government supervision.

12. STATE GOVERNMENT—Four hours.

The organization and administration of state government. The government of Colorado will be the main interest of the course.

13. THE TEACHING OF HISTORY IN THE ELEMENTARY SCHOOL—Three hours.

The history of history instruction in the schools; the aims and values of history instruction; the courses of study; methods and materials for the several grades of instruction; testing results; school problems related to history, such as, the place of history in the curriculum, and the relation of history to other subjects.

22. LOCAL GOVERNMENT—Three hours.

Municipal, county, and state government in the United States. The government of Colorado will be given special attention.

25. COMPARATIVE GOVERNMENT—Four hours.

The federal government will be studied in comparison with the governments of other important countries.

26. THE TEACHING OF CIVICS IN THE ELEMENTARY SCHOOL—Two hours.

The development of civics instruction from the study of the Constitution to the present community civics; the value of civics in education for citizenship; the purpose of instruction in government; courses of study; methods and materials for the several grades of instruction.

27. CONTEMPORARY HISTORY—Three hours.

The course is concerned with current interests in this and other countries; their growth and interpretation. It includes the reading of periodicals and recent publications, and class discussion.

28. ANCIENT SOCIAL HISTORY—Four hours.

This is a survey of the development of society among the early peoples, with emphasis on the social and economic phases.

33. AMERICAN POLITICAL THEORIES—Four hours.

Early political theory; development of political thinking in America from the colonial period to the present, including the theories of the Revolution, the Constitution, the Jeffersonian and Jacksonian democracies, the slavery controversies, states' rights, and the modern tendencies; internationalism, pacifism, militarism, interpretations of democracy.

107. MODERN ENGLAND AND THE BRITISH EMPIRE—Four hours.

A course dealing with the political, social and institutional history of the English people since 1660.

112. AMERICAN CONSTITUTIONAL DEVELOPMENT—Four hours.

This course deals with the origin and growth of the Constitution. The influence of the interpretation of the document on the government and the great cases which have grown out of the interpretation receive attention.

113. THE LITERATURE OF AMERICAN HISTORY—Four hours.

A survey of American History with reference to the materials and problems for use in schools.

## 116. SPANISH AMERICAN HISTORY—Four hours.

A course designed to show the growing relations between the United States and the republics of the south. In tracing the experience of the Spanish American people, attention will be given to the work of Spain in establishing the Empire, the movement for independence, the social, political and economic growth, international relations and the Monroe Doctrine, Panama and the purchase of the Danish West Indies, and the new-Pan-Americanism.

## 117. THE TEACHING OF HISTORY AND CIVICS IN HIGH SCHOOLS—Three hours.

The development of instruction in these subjects in high school; their place in the high school program; aims and values of instruction; problems connected with the teaching of these subjects; the relation between history and civics teaching.

## 118. FINANCIAL HISTORY OF THE UNITED STATES—Four hours.

The origin and growth of the currency, banking and revenue systems of the United States, with special emphasis on the tariff and currency systems; the recent achievements in the financial system as expressed in the federal reserve law, the farm loan law, financing of the war, and the reconstructive programs.

## 123. INTERNATIONAL RELATIONS—Four hours.

A study of the basic principles of international relations; the development and application of these principles in recent European relations; American international ideals as expressed in American diplomacy; the Monroe Doctrine, Pan-Americanism, the League of Nations, and disarmament.

## 124. HISTORY OF FAR EAST—Four hours.

This is a study of the modern history of India, China, Japan, and the adjacent islands, with special reference to their relations with Europe and the United States.

## 215. RESEARCH IN HISTORY.

Students doing graduate work in history and political science may arrange work as desired. The course is intended for advanced students who wish to investigate problems which arise in the teaching of history and civics.

## HOME ECONOMICS

The Home Economics Course 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 the policy of the Home Economics Department to recommend as teachers of the subject only those students who have completed the four years course.

## COURSE OF STUDY

## HOUSEHOLD ARTS

## 1. TEXTILES—Four hours. Fall Quarter.

A study of the characteristics of the chief fibers used in household fabrics.

## 3a. GARMENT MAKING—Four hours. Fall Quarter.

The fundamentals of plain sewing are taught as they should be presented in a high school. This course is for students who have had no sewing in high school.

## 3b. GARMENT MAKING—Four hours. Fall and Winter Quarters.

In methods much the same as 3a, but adapted to the needs of students who have had previous training.

## 4a. MILLINERY—Four hours. Fall and Spring Quarters. Fee, \$2.50.

The designing and making of hats, suited to the individual, using the materials that are the prevailing style. For majors only.

## 4b. MILLINERY—Three hours. Fall and Spring Quarters. Fee, \$2.50.

This course is for others than majors.



5. DRAFTING AND PATTERN MAKING—Four hours. Winter Quarter. Fee, 50 cents.

This course is prerequisite to H. A. 6. The course includes drafting, designing and modeling patterns.

6a. ELEMENTARY DRESSMAKING—Four hours. Spring Quarter.

The selection and making of appropriate dresses for afternoon, and street wear. This is for majors only.

6b. A similar course is offered to others than majors.

8. DRESSMAKING—Three hours. Winter Quarter.

This course is arranged to meet the increasing demand of residents in Greeley who come to the college for special classes.

102. APPLIED DESIGN—Four hours. Winter Quarter.

The study of design as applied to household fabrics, such as table linen, curtains, etc.

107. HISTORY OF COSTUME—Four hours. Fall Quarter.

The development of costume history as traced by Racinet and others. Prerequisite to H. A. 108.

108. COSTUME DESIGN—Four hours. Winter Quarter. Fee, 50 cents.

The application of art principles to costume. The study of the fashion figure.

109. ADVANCED DRESSMAKING—Four hours. Fall Quarter.

The application of tailoring principles to women's garments.

110. ADVANCED TEXTILES—Two hours. Winter Quarter.

A study of artistic textiles such as oriental rugs, tapestries and laces. It also includes the chemistry of textiles, as affected by cleansing agents, dyes, etc., which is given in the chemistry department for two hours credit.

111. HOME ECONOMICS—Four hours. Fall Quarter.

A lecture course on Home Economics subject matter; the planning of courses; equipment; and selection of texts, or reference books.

112. HOME DECORATION—Four hours. Spring Quarter.

The application of art principles to interior decoration.

#### HOUSEHOLD SCIENCE

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

A general survey of the principles of cookery, and a study of foods.

1b. A similar course suited to students who have had no previous training.

2a. FOODS AND COOKERY—Four hours. Winter Quarter. Fee, \$3.00.

A continuation of H. Sc. 1.

2b. A similar course intended for students finishing HS 1b.

3. COOKERY AND TABLE SERVICE—Three hours. Spring Quarter. Fee, \$3.50.

Review of elementary principles, placing emphasis of technique. Problems on relative proportions in cookery.

4. NUTRITION—Three hours. Fall Quarter.

A study of food selection for others than majors. Residents in Greeley who are special students have asked for such work. No chemistry is required.

5. HISTORY OF COOKERY—Two hours. Winter Quarter.

A historical study of the development of equipment and cooking processes from primitive times. The courses of change in food habits and methods of cooking are considered.

7. HOUSEHOLD MANAGEMENT—Two hours for theory and two hours for residence in college.

This course includes the study of household expenditures, schedules of work, menus, and practical problems in housekeeping.

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

The completion of chemistry is prerequisite. This is a study of the principles which govern the choice of foods under various conditions such as age, employment, health and sickness.

104. DEMONSTRATION COOKERY—Four hours. Spring Quarter. Fee \$3.50.

This course presupposes at least three quarters of previous training in cookery. It is planned to increase skill and confidence, and to enable students to do community work as demonstrators.

105. CHILD CARE—Four hours. Winter Quarter. Fee, \$1.00.  
Care and feeding of children.

106. HOME NURSING—Four hours. Fall Quarter. Fee, \$1.00.  
Care of sick room and patient in the home. First aid taught.

200. A graduate course to be arranged for either H. A. or H. Sc. students when the applicant shows the previous preparation she has had justifies it.

## HYGIENE AND PHYSICAL EDUCATION

Functions of the Department.

An immediate, and also an ultimate aim of education is vigorous, aggressive health. This department's function in the institution is to assist in the realization of this aim through:

- (1) Health examinations of all students and specific hygienic instruction based on the findings in each case.
- (2) Personal health conferences with medical advisers for the purpose of assisting students to form wise health habits.
- (3) Promotion of health through directed physical activity, and through instruction in informational hygiene.
- (4) Sanitary supervision of the environment of the student group.

In addition to the above, the department provides a major course for those preparing for positions as teachers, supervisors of physical education or as athletic coaches in the public schools, or as playground directors. As more than one-half of all the states have recently passed compulsory physical education laws requiring a definite program of physical education for all school children, the demand for trained teachers in this field exceeds the present supply.

### EQUIPMENT

The department is equipped with the necessary examination and classrooms, instructional apparatus, gymnasias, athletic fields and playgrounds to accomplish the functions outlined above.

### REQUIRED WORK

All first and second year students are required to take an active (exercise) course each quarter in residence. Where physical disability makes it inadvisable for a student to participate in the regularly organized class activities, work in a corrective class, or other special regimen, depending on the needs of the student, is prescribed. *No one is excused from this requirement.*

### GYMNASIUM DRESS

An approved gymnasium uniform is required in all activity courses. Satisfactory work *cannot* be done in regular street or school clothes.

## HEALTH EXAMINATIONS

A thorough health examination is required of each student as soon as practicable after registration. Matriculation is not completed until this examination has been made and recorded. The medical advisers keep regular office hours for free consultation with students concerning personal health problems. These examinations and conferences have for their object the prevention of illness and the promotion of vigorous health.

## COURSE OF STUDY

Two and four year courses for majors in Physical Education are provided. The four-year course is recommended as best preparing students to enter this field of education.

In addition to the free electives, and the core subjects included in all the curricula as listed on page 47, this department requires:

**FIRST YEAR:** Hygiene and Physical Education 1, 2, 5, 7; Library Science 1; Educational Psychology 1; Women's Activity 53, 53a, 57a; Men's Activity, 52, 62, 66, 103, 103a, 107a.

**SECOND YEAR:** Hygiene and Physical Education 3, 4, 108, 12, 58a, 62a, 64a.

**THIRD YEAR:** Hygiene and Physical Education 54, 59, 113; Educational Psychology 106 or 107; Art 14, and one or more activity courses each quarter.

**FOURTH YEAR:** Hygiene and Physical Education 6, 117, and Educational Psychology 106 or 109, and one or more activity courses each quarter.

*The courses offered by the department are divided into two classes as follows:*

## I. INFORMATIONAL COURSES.

Hygiene and Physical Education 7 is required of all students in the Junior College. Hygiene and Physical Education 108, is required of all Senior College Students.

## II. PRACTICAL OR ACTIVITY COURSES.

To comply with the college physical education requirements the general student should select courses in the second group. Courses in the first group are intended primarily for Physical Education majors, but may be elected by those in other departments. Courses 7 and 108 are required of all.

## I. INFORMATIONAL COURSES

1. **PHYSIOLOGY AND HYGIENE OF EXERCISE**—Spring Quarter. First Year. Three periods. Three hours.

Lectures, demonstrations, recitations. A course for major students, but open to all.

2. **ANATOMY AND KINESIOLOGY**—Fall Quarter. First Year. Three periods. Three hours.

Lectures, demonstrations, recitations. Use is made of skeleton, mannikin, charts and anatomical atlases in connection with textbook assignments.

3. **ANTHROPOMETRY AND PHYSICAL EXAMINATIONS**—Fall Quarter Second Year. Four periods. Four hours.

A lecture, recitation practice course. Principles and methods of making physical measurements; the determination of norms for different age groups; applications of principles to physical education problems; the detection and correction of common physical defects. Required of all Physical Education majors the second year. Open to others who have had Biology.

5. HISTORY OF PHYSICAL TRAINING—Winter Quarter. First year. Two periods. Two hours.

The place given to Physical Education in the life of different nations. Beginnings of modern physical education; recent rise of play and recreation movement; effect of the World War on development of physical education in the United States and other countries, are among the topics considered.

6. RESEARCH IN PHYSICAL EDUCATION.

Qualified Senior College and Graduate students may select a subject for research in Physical Education. Fourth year majors are required to write a thesis on a selected subject. Credit hours depend on quality and amount of work accomplished.

7. GENERAL HYGIENE—Each Quarter. Three periods. Three hours. Junior College required.

A lecture, discussion course on general hygiene. Many lectures are illustrated. Consideration is given to: (a) mortality statistics as a basis for effective hygiene; (b) agents injurious to health; (c) carriers of disease; (d) causes of poor health; (e) defenses of health; (f) producers of health; (g) methods of teaching hygiene.

108. INDIVIDUAL HYGIENE—Fall and Spring Quarters. Three periods. Two hours. Senior College required.

An informational course on the essentials of individual health conservation and improvement.

9. CHILD AND SCHOOL HYGIENE—Four periods. Four hours.

A course in Child and Educational Hygiene. (See Educational Psychology 1.)

10. OCCUPATION HYGIENE—Two periods. Two hours.

A course dealing with Occupational Hygiene. Gives chief consideration to the health hazards of different occupations and the means of prevention. Has informational and practical value to the teacher who desires to be informed on health subjects.

11. PUBLIC HEALTH—Three periods. Three hours.

This course deals with community, state, national, and international health organizations and problems. An informational course of importance to all teachers. Required of Physical Education majors during third year.

12. FIRST AID—Winter and Summer Quarters. Two periods. Two hours.

A course covering the usual subject matter on the right thing to do in cases of emergency or injury.

## II. PRACTICAL OR EXERCISE COURSES

(General students should select activity courses from this group. Each of these courses may be repeated once but not oftener without permission.)

51. LIGHT GYMNASTICS—(WOMEN)—Winter Quarter. Three Periods. One hour.

52. GYMNASTICS—(MEN)—Winter Quarter. Three periods. One hour.

For men majoring in Physical Education outside assignments are made and two hours credit is granted.

53. GYMNASTICS—Fall Quarter. Five periods. Three hours.

A major activity and reference course for women during the first year.

53a. GYMNASTICS—Winter Quarter. Five periods. Three hours.

A continuation of No. 53. For women major students in Physical Education.

55. PERSONAL COMBAT GAMES, HEAVY APPARATUS AND TUMBLING—(MEN)—Spring Quarter. Three periods. One hour.

For major students. Outside reference work is required and two hours credit is given.

Boxing, fencing and wrestling. Tumbling and apparatus work.

55a. PERSONAL COMBAT GAMES, HEAVY APPARATUS AND TUMBLING—(MEN)—Three periods. One hour.

For majors outside work is required and two hours credit is given.  
A continuation of No. 55. Advanced work.

56. SINGING GAMES AND ELEMENTARY FOLK DANCES—Fall and Winter Quarter. Three periods. One hour.

A course giving play material for the Elementary Grades.

57. FOLK AND NATIONAL DANCES—Winter and Spring Quarters. Three periods. One hour.

A selected list of folk and national dances suitable for school and playground use. This course is intended to give material for the upper grade and high school groups.

57a. FOLK AND NATIONAL DANCES—First year. Spring Quarter. Five periods. Three hours.

A course for Physical Education majors. Others admitted only by special permission.

A selected list of folk and national dances suitable for school and playground use. Note book and reference requirements and practice in teaching the dances is required.

58. ESTHETIC DANCING—Fall and Winter Quarters. Three periods. One hour.

Technic of the dance, and the development of bodily co-ordination are the aims of the course.

58a. ESTHETIC DANCING—A major course. Second year. Winter Quarter. Five periods. Three hours.

Technic and history of the dance. This course deals with this subject from the standpoint of the teacher of physical education.

59. CLASSICAL DANCING—Winter Quarter. Three periods. One hour.

Advanced technic and classical dances. Prerequisite Course 119 or 119a.

60. INTERPRETATIVE AND NATIONAL DANCING—Spring Quarter. Three periods. One hour.

A continuation of No. 109.

61. SCHOOL GYMNASTICS—Spring and Summer Quarters. Three periods. One hour.

Daily programs for different grades, principles of selection and arrangement of exercises; class organization and conduct form the principal divisions of the course.

62. PLAYS AND GAMES—Fall and Spring Quarters. Three periods. One hour.

A selected list of plays and games for the intermediate grades.

62a. PLAYS AND GAMES—Fall Quarter. Five periods. Three hours.

Second year major course. A selected list of games and activities suitable for intermediate grades and the vacation playground.

63. PLAYGROUND ORGANIZATION AND SUPERVISION—Spring Quarter. Three periods. Three hours. Third year.

Third year major course, but open to other third or fourth year students who are qualified. Lectures, and practice on playground in contact with actual playground problems.

64. ATHLETICS FOR WOMEN—Every Quarter. Three periods. One hour.

A course in group and team games. Material suitable for upper grades and high school is presented. The major sports in season are emphasized. Baseball, tennis, volley ball, field hockey, basket ball, and track and field sports are the chief games given.

64a. **ATHLETICS**—Spring Quarter. A second year course for majors in Physical Education.

This course will deal with the rules, development of skill, and the coaching of sports and games suitable for upper grade and high school girls. A second year course. Five periods. Three hours.

65. **RECREATION COURSE**—Summer Quarter. Three periods—each half quarter. One-half or one hour.

Group games, tennis and swimming are emphasized.

66. **ATHLETIC GAMES**—(MEN)—Each Quarter. Three periods. One hour. Five periods with outside preparation and three hours for majors in Physical Education.

Football, basketball, baseball, and track athletics, depending on season.

67. **ATHLETIC COACHING**—Fall, Winter and Spring Quarters. Four periods. Third year. Three hours.

A major course for those preparing for the physical education field. Advanced students will be assigned groups to coach in one or more athletic team games. By arrangement. This course may be repeated.

68. **CORRECTIVE GYMNASTICS.**

A course for those who are not able to take the regular class work. A special regimen, depending on the disability, is worked out for each individual case. Students are admitted to this course only upon recommendation of medical advisers or by the director of physical education.

## INDUSTRIAL ARTS

The Industrial Division includes industrial arts, fine and applied arts, and commercial arts. The courses are varied and are organized especially along lines dealing with the technical phases of practical arts education, opportunity being given for study along historical, practical and theoretical lines. An excellent training department, housed in the Training School Building, gives full opportunity to put into practice in a teaching way the ideas presented in the various courses. This gives an opportunity for the individual students not only to become acquainted with the underlying principles in the work, but also the added advantage of teaching these branches in the Training School under expert supervision.

The Woodworking, Drafting, Printing and Bookbinding Departments of Colorado State Teachers College are the most modern departments to be found in the Middle West. The departments occupy the first and second floors of the Guggenheim Hall of Industrial Arts. The rooms are large, well ventilated and well lighted. The students in these departments are never crowded for room or hindered in their work for lack of equipment. All equipment is of the latest and best type and is always kept in first-class working condition. It is the aim of the departments to employ methods in woodworking, drafting, printing and bookbinding as thorough and practical as are to be found in the regular commercial shops.

### COURSE OF STUDY

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

In addition to the core subjects and free electives included in all the curricula as listed on page 47, this department requires:

**FIRST YEAR:** Industrial Arts 1, 2, 8, 12, and Art 18, and four hours to be selected in the industrial arts department.

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

**THIRD YEAR:** Industrial Arts 105, 109, 118, 120.

**FOURTH YEAR:** Industrial Arts 104, 121, 116 and eight hours in Industrial Arts to be selected by the student.

1. **ELEMENTARY WOODWORK**—Four hours. Fee, \$2.00. Every Quarter.

This course is arranged for those who have had no experience in wood-working and is designed to give the student a starting knowledge of the different woodworking tools, their care and use. The construction of simple pieces of furniture is made the basis of this course.

2. **INTERMEDIATE WOODWORK**—Four hours. Fee, \$2.00. Every Quarter.

This course is a continuation of Course 1 and is designed for those who wish to continue the work, and deals with more advanced phases of wood-working.

3. **WOODWORKING FOR ELEMENTARY SCHOOLS**—Four hours. Fall and Spring Quarters.

This is a methods course and deals with such topics as equipment, materials used, where and what to buy, kinds of work to be undertaken in the different grades, the preparation and presentation of projects, the making of suitable drawings, and the proper mathematics to be used in woodworking.

4. **TOY CONSTRUCTION**—Four hours. Fee, \$2.00.

The purpose of this course is to train the teacher in the construction of toys, bird houses, etc. The making of original designs will be emphasized.

This course should appeal to those taking kindergarten and grade work.

5. **ARTS IN EDUCATION**—Three hours. Fall and Spring Quarters.

The course deals with the historical development and the fundamentals of teaching practical arts subjects in their relations to other subjects of the school curriculum and their application in future activities that the child will enter.

6. **REPAIR AND EQUIPMENT CONSTRUCTION**—Four hours. On demand.

This course has for its base the building of various types of equipment and the use of power machines in working out these problems. This is an especially valuable course for those who wish to emphasize the large phases of vocational education.

8a. **ART METAL**—Four hours. Fee, \$2.00. Fall and Winter Quarters.

This course has in mind the designing and creation of simple, artistic forms in copper, brass and German silver.

8b. **ART METAL**—Four hours. Fee, \$2.00. Winter and Spring Quarters.

A continuation of 8a. The course in general includes the designing and executing of simple, artistic jewelry pieces, such as monograms, simple settings of precious stones, and the development of advanced artistic forms in copper.

10. **ELEMENTARY MECHANICAL DRAWING**—Two or four hours. Fall and Spring Quarters. For art majors. Fee, \$1.00.

This course is designed to give a knowledge of the use of drawing equipment and materials. Problems presented include geometrical drawing, elements of projection, development of surface, isometric and oblique projections, simple working drawings and lettering.

11. **PROJECTIONS**—Four hours. Winter Quarter. Fee, \$1.00.

The purpose of this course is to give a student a working knowledge of the fundamentals of orthographic projection as applied to points, lines, planes, solids and shadow and applications.

12. **ELEMENTARY ARCHITECTURAL DRAWING**—Four hours. Winter Quarter. Fee, \$1.00.

This course includes the making of complete designs of simple one-story cottages together with details and specifications of same.

13. **INTERMEDIATE ARCHITECTURAL DRAWING**—Four hours. Fall Quarter. Fee, \$1.00.

This course is a continuation of Course 12 and deals with the drawing of plans of cement, brick and stone structures, culminating in complete plans and specifications for resident and public buildings.

14. **CARE AND MANAGEMENT**—Three hours. On demand.

This course is designed to train students to care for, repair and adjust hand and power tools of the woodworking department.

15. **ELEMENTARY WOODWORKING.** Two hours. Fee, \$1.00.  
Every Quarter.

The course is arranged especially for primary and kindergarten majors and is designed to give these students an understanding and appreciation of the elementary woodworking tools, their care and use. The technique involved in the course will be embodied in simple pieces of work that may be of interest to kindergarten and primary children.

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

The aim of this course is to give the student a fair knowledge of the wood-working lathe, its care, use and possibilities. Different types of problems will be worked out, such as cylindrical work, working to scale, turning duplicate parts, turning and assembling, the making of handles and attaching them to the proper tools. Special attention will be given to the making of drawings such as are used in ordinary wood turning.

104. **PRE-VOCATIONAL EDUCATION—Three hours.** Spring Quarter.

The course is divided into two definite sections: First the fundamental basis for pre-vocational work, the movement from the standpoint of special governmental and state schools, rural schools, state movements and vocational clubs, with suggestions for furthering the movement from state and community standpoints; second, the course of study and special plans for organization of pre-vocational work in public education.

105. **ADVANCED ARCHITECTURAL DRAWING—Four hours.** Spring Quarter.  
Fee, \$1.00.

This course is designed to give the student a simple working knowledge of the great historic materials such as columns, capitals, pediments, etc., in their application to modern buildings such as churches, schools, and other public buildings.

Each student will be expected to design a public, or semi-public building as a part of this course.

109a. **ART METAL—Four hours.** Fee, \$2.00. Spring Quarter.

The base for this course is the designing, making and finishing of artistic jewelry in semi-precious and precious metals; also simple artistic jewelry, with all the steps that are fundamental in stone setting and finishing.

109b. **ART METAL—Four Hours.** Winter and Spring Quarters. Fee, \$2.00.

A continuation of 109A, with applications in teaching of jewelry work in the public schools. Advanced problems in design as applied to set metal, wire work, chasing and repousse.

117. **ELEMENTARY MACHINE DESIGN—Four hours.** Fall Quarter. Fee, \$1.00.

This course includes sketches, drawings and tracings of simple parts, such as collars, face plates, screw center, clamps, brackets, couplings, simple bearings, and pulleys. Standardized proportions are used in all drawings.

118. **ADVANCED MACHINE DESIGN—Four hours.** Spring Quarter. Fee, \$1.00.

A study is made of the transmission of motion by belts, pulleys, gears and cams. Sketches, details and assembled drawings are made of valves, vises, lathes, band saws, motors and gas or steam engines.

120. **PATTERN MAKING—Four hours.** On demand. Fee, \$2.00.

The topics emphasized in this course will include woods best suited for various work, glue, varnish, shellac, dowels, draft, shrinkage and finish. The practical work will consist of patterns for hollow castings, building up and segment work.

121. **ADVANCED CABINET MAKING—Four hours.** On demand. Fee, \$2.00.

The course is planned to cover advanced phases of cabinet work, including paneling, dovetailing, secret nailing and key joining. These technical processes will be worked out on individual projects.

124. **MACHINE WORK—Four hours.** On demand.

This course is designed to give the student a general knowledge of the care and operation of woodworking machinery. The setting of cutters and their manipulation embraces the general basis of this course.



**201. SEMINAR—Four hours.**

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

This is a conference course. Conference hours will be arranged to meet the demands of students in the course.

## PRINTING

**1a. ELEMENTARY PRINTING—Two hours. Every Quarter. Fee, \$1.00.**

A course intended to acquaint the student with the various tools and materials of a print shop and to teach him the fundamentals of plain type composition, as he carries simple jobs through the various stages from composition to making ready and putting on the press.

**1b. ELEMENTARY PRINTING—Four hours. Fee, \$1.00.**

Continued work in fundamentals as applied to more complicated pieces of printing, involving rule work, borders, ornaments, etc.

**1c. ELEMENTARY PRINTING—Four hours. Fee, \$1.00.**

Balance, proportion, simplicity, harmony, etc., as applied to the designing and producing of good printing.

**2a. INTERMEDIATE PRINTING—Two hours. Every Quarter. Fee, \$1.00.**

Added stress upon principles of good design and workmanship with a view to making student more proficient in producing artistic work. An intensive study of typographic design in laying out and printing cards, tickets, letter heads, posters, etc.

**2b. INTERMEDIATE PRINTING—Four hours. Fee, \$1.00.**

Production of title pages, covers, programs, menus, etc.

**2c. INTERMEDIATE PRINTING—Four hours. Fee, \$1.00.**

Continued practice in producing more pretentious pieces of work of the classes named in 2a and 2b.

**103a. ADVANCED PRINTING—Four hours. Every Quarter. Fee, \$1.00.**

Advanced work in the complete designing and producing of printed matter, with a study of plates, papers, and inks. Advanced imposition and press work.

**103b. ADVANCED PRINTING—Four hours. Fee, \$1.00.**

Special work in cutting and printing of linoleum blocks. Hand-lettering and its application to printing.

**104a. PRACTICAL NEWSPAPER WORK—Four hours.**

The various processes incident to the printing of a newspaper will be performed by the student in this course, with stress upon good design in "ads" and make-up.

**105. COST ACCOUNTING—Two hours.**

Estimating and work dealing with the cost of printing.

**106. SHOP MANAGEMENT—Two hours.**

Keeping of records and accounts. Purchase of materials. Planning and laying out of equipment. Students will be encouraged to contribute and work out original ideas intended to broaden the scope of the shop's work and to increase its efficiency.

## BINDING ART AND LEATHER CRAFT

**1a. ELEMENTARY BOOKBINDING—Four hours. Full Quarter. Fee, \$1.00.**

This course aims to introduce the following: tools, machines, materials and uses, collating and preparing sheets for sewing, sewing on tape and cord, preparing end sheets, trimming, gluing, rounding and backing, headbanding, banding and preparing backs for covers, selecting cover materials, planning and making covers, and all steps necessary in binding of all kinds including full cloth, buckram, paper, spring or loose back, with plain and fancy edges. Beside the fundamental technique of bookbinding, a variety of individual projects are undertaken, such as memorandum books, writing pads, leather cases, boxes, cloth portfolios, and kodak albums.

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

A continuation of bookbinding 1a.

1c. ELEMENTARY BOOKBINDING—Four hours. Either half or full Quarter. Fee, \$1.00.

A continuation of bookbinding 1b.

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

This course includes the binding of books in half leather, half morocco, cowhide, calf, sheep, and fancy leathers. Some of the type projects undertaken are the making of full leather traveler's writing cases, music cases and a variety of other art leather pieces.

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

A continuation of bookbinding 2a.

2c. INTERMEDIATE BOOKBINDING—Four hours. Either half or full Quarter. Fee, \$1.00.

A continuation of bookbinding 2b.

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

103b. ADVANCED LEATHER CRAFT ART WORK—Two hours. Fee, \$1.00.

The technique involved in this course includes special work in lettering in gold and other materials and foils, tooling and use of stamping machine in applied design. In general, the course is a continuation of previous courses with additional technique and advanced projects in full leather bindings with raised panels, gilt, fancy, starch, and agate edges, finishing in antique and gold, hand-lettering.

104. SHOP MANAGEMENT—Two hours.

This course deals with the organization and arrangement of a shop. Planning of the technical work in regard to particular pieces, the laying out of designs, selection of materials and methods of construction.

105. SECRETARIAL SCIENCE—Elective.

Keeping shop records. Selection and purchasing of all types of materials and equipment necessary for school bindery. Estimating cost of production and general shop expense.

## COMMERCIAL ARTS

There is a constantly growing demand for well trained Commercial Teachers. This demand comes from the vocational and technical schools, high schools, normal schools and colleges. It is the purpose of the Commercial Department to meet this demand by offering first-class instruction in practical up-to-date courses that will prepare teachers for this line of teaching.

A four-year course carrying with it the A. B. degree is outlined below. This course may be taken in units of two, three or four years. If the stenographic course is elected, the student will follow the outline below for the third and fourth years with core subjects as outlined on page 47 for the first and second years. The usual two-year teacher's certificate will be issued upon completion of two years work. Students who have had previous commercial training either in school or in offices will be allowed to enter advanced classes.

### COURSE OF STUDY

Two years or four years for majors in Commercial Art.

In addition to the free electives, and the core subjects included in all the curricula as listed on page 47, this department requires:

FIRST YEAR: Commercial Arts 50, 51, 52, 53 and 56.

SECOND YEAR: Commercial Arts 54, 150, 151, 6a and Geography 7.

THIRD YEAR: Commercial Arts 1, 2, 11, 12 and 13.

FOURTH YEAR: Commercial Arts 3, 4, 6b and 17.

1. PRINCIPLES OF SHORTHAND—Required of majors in Commercial Arts. Four hours. Fall Quarter.

A study of the first ten lessons in Gregg Shorthand with supplementary exercises.

2. PRINCIPLES OF SHORTHAND—Required of majors in Commercial Arts. Four hours. Winter Quarter.

A study of the last ten lessons of Gregg Shorthand with supplementary exercises. This course completes the study of the principles of shorthand.

3. DICTATION—Required of majors in Commercial Arts. Four hours. Spring Quarter.

A brief review of word signs, phrasing, and the vocabulary of the Gregg Manual, after which brief dictation will be given of both familiar and unfamiliar matter. Enough work will be given in this course to make one proficient in taking accurately ordinary dictated correspondence.

4. SPEED DICTATION—Required of majors in Commercial Arts. Four hours. Winter Quarter.

In this course more stress will be placed upon speed in shorthand, with the idea in mind that a student finishing this course should be able to take any dictated matter. The use of the Dictaphone will be given in this course.

6a. METHODS IN COMMERCIAL EDUCATION—Required of majors in Commercial Arts. Two hours. Spring Quarter.

The entire commercial field will be included in this study; equipment; the course of study; special methods; equipment of teacher; relation of business school to the community.

6b. METHODS IN COMMERCIAL EDUCATION—Two hours. Required of Secretarial majors.

This course deals with the special methods in teaching shorthand and other secretarial subjects.

11. ELEMENTARY TYPEWRITING—Required of majors in Commercial Arts. Four hours. Every Quarter. Fee, \$1.00.

Beginning work in touch typewriting, covering position at machine, memorizing keyboard, proper touch and correct fingering, with instruction in care of machine.

12. INTERMEDIATE TYPEWRITING—Required of majors in Commercial Arts. Four hours. Every Quarter. Fee, \$1.00.

Study of approved forms and circular letters, addressing envelopes, manifold and tabulating.

13. ADVANCED TYPEWRITING—Required of majors in Commercial Arts. Three hours. Spring Quarter. Fee, \$1.00.

17. OFFICE PRACTICE—Required of majors in Commercial Arts. Twelve hours. Every Quarter.

This course consists of intensive practice in a "Model Office." Students are required to do five hours of continuous work daily, five days per week, taking dictation and transcribing. This course also includes the operation and use of modern office appliances such as the mimeograph, mimeoscope, dictaphone, adding machine, filing system, etc. This work is very carefully systematized and consists of actual correspondence. This comes from the president's office, the deans, and heads of departments. Outside work from churches and charitable institutions is solicited also.

40. BUSINESS REPORTS AND COMPOSITIONS—Four hours. Elective.

This course gives practice in comparison and arrangement of correspondence and reports peculiar to business. It is an advanced course in the English of business.

50. **ELEMENTARY ACCOUNTING**—Required of Commercial majors. Four hours. Fall quarter.

A general introduction, giving the historical background of the subject and a brief statement of the profession; the foundations of double entry book-keeping; assets, liabilities, proprietorship, the balance sheet, income expenses, profit and loss statement. The entire class period is given to discussion and an average of one hour daily is required for laboratory work.

51. **INTERMEDIATE ACCOUNTING**—Required of Commercial majors. Four hours. Winter Quarter.

Partnerships, introduction to corporation accounting, and many miscellaneous accounting and business methods. Two complete sets of books are written up in this course, one illustrating a partnership and another some feature of corporation accounting.

52. **ADVANCED ACCOUNTING**—Required of Commercial majors. Four hours. Spring Quarter.

This course includes more advanced principles of accounting, treating special corporation accounts and introducing accounting problems. The work involves both class discussion and laboratory work.

53. **BUSINESS MATHEMATICS**—Required of Commercial majors. Four hours. Winter Quarter.

A treatment of advanced phases of commercial calculation. A brief review of percentage and its application. The theory of investments, stocks and bonds, sinking funds, annuities, insurance, and income taxes will be treated.

54. **COMMERCIAL LAW**—Required of commercial majors. Four hours. Spring Quarter.

A treatment of the general principles of common law as applied to business, together with a study of the Colorado statutes and decisions bearing on commercial interests.

56. **PENMANSHIP**—Required of majors in Commercial Arts. Four hours. Fall Quarter.

Drill in rapid, arm-movement, business writing. The Palmer system will be used.

57. **PENMANSHIP**—Elective. Winter Quarter.

Continuation of Course 56.

105. **SECRETARIAL SCIENCE**—Elective.

This is a beginning course in secretarial training. Commercial Arts 4 and 13 are prerequisites for this course.

142. **ADVERTISING**—Elective.

The origin and development of the art of advertising. Special attention is given to the psychology involved in modern advertising and a careful study of the technic of good and bad advertisements.

150. **BANK ACCOUNTING**—Required of majors in Commercial Arts. Three hours. Winter Quarter.

This includes a study of state and national banking laws, loans, discounts, commercial paper, methods and principles of banking and savings accounts. A set of books illustrating several days of business will be written. Burroughs bookkeeping machines are used in connection with this course.

151. **COST ACCOUNTING**—Required of majors in Commercial Arts. Four hours. Fall Quarter.

A study of material cost, labor cost, overhead expense, distribution of expense and managing expense. A set of books on manufacturing costs will be written.

153. **SALESMANSHIP AND BUSINESS EFFICIENCY**—Three hours.

A study of the underlying principles of salesmanship; the psychology of the making of a sale.

154. **BUSINESS ORGANIZATIONS**—Elective.

A treatment of the different types of business organization. An intensive study of the corporate form.

## 155. THE ECONOMICS OF RETAILING—Elective.

A course in the fundamentals of the retail business. A brief history of the development of the different kinds of retail stores, salesmen, and methods of distribution. Also a treatment of some of the most important problems.

## 211. BUSINESS ADMINISTRATION—Elective.

The principles of industrial management and the organization of the modern office. Various types of organization, the labor force, payment of the worker, records of raw material and unfinished goods, etc.

## 212. MODERN COMMERCIAL EDUCATION IN SECONDARY SCHOOL—Elective.

This course treats of the modern aims and purposes of commercial education in secondary schools. A thorough and advanced development of principles for curricula making.

## 220. SEMINAR—Any Quarter.

An opportunity will be given for research work on problems in the commercial field. Problems to be selected in conference with the head of the department. This course is planned as a conference course.

## THE LIBRARY

The main library of the College contains about fifty-five thousand volumes, with several thousand pamphlets, a large picture collection, stereopticon slides and other equipment. The building is centrally located on the campus, constructed and equipped in the most approved style. It is well lighted with ceiling and table lamps, and with its architectural and other artistic features is well suited to provide a comfortable and attractive environment for readers. The library shelves are open to all, and no restrictions are placed upon the use of the books, except such as are necessary to give all readers an equal opportunity and to provide for a reasonable and proper care of the books and equipment. All the principal standard works of reference are to be found here, with the many indexes and aids for the efficient and ready use of the library.

There are also many rare and valuable works, such as Audubon's "Birds of America," including the large plates; Audubon's "Quadrupeds of North America;" Sargent's "Silva of North America;" Gould's "Humming Birds;" the works of Buffon, Nuttall, and Michaux, Linnæus, Cuvier, Jardine, Brehm, Kirby and Spence and many other equally noted writers.

In addition to the main library there is a children's branch in the Training School consisting of about 4,000 well selected books for the use of the Training School pupils.

1. ELEMENTARY LIBRARY COURSE—One hour. Fall Quarter. Each term. Winter and Spring Quarters, first term. No credit given except to first year students.

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, etc., the purpose being to acquaint the student with the most ready means of using the library.

## 2. RECEIPT AND PREPARATION OF BOOKS—Three hours.

This course includes checking bills, collating, mechanical preparation of books for the shelves, care of books, physical make-up of the book, paper, binding, illustrating, aids and methods in book selection, etc. A good form of library handwriting must be attained in this course.

## 3. CLASSIFICATION AND CATALOGING—Four hours. Fall Quarter.

A study of the principles of classification. The Decimal System particularly. Classification of books, pamphlets, pictures, and the varied items that may be obtained for the school library. The dictionary catalog, alphabetizing, Library of Congress cards, shelf lists, arrangement of books on shelves.

## 4. REFERENCE WORK—Five hours. Winter Quarter.

The subject covers a study of the standard works of reference, such as the principal encyclopedias, dictionaries, atlases, and reference manuals of various kinds. Bibliographies and reading lists, indexes and aids, public documents. Practical questions and problems assigned.

## 5. PERIODICALS AND BINDING—Two hours.

Selection and purchase, checking in, relation to printed indexes, filing. Periodicals for certain definite lines. Methods of acquiring in schools. Use—current and bound. Collating. Selection and preparation for bindery.

## 6. SCHOOL LIBRARIES—Three hours.

Organization, relation between the public library and the school. The field of each. Story telling, evaluation of children's literature. Illustrating. Traveling libraries, county libraries.

7. PRACTICAL WORK IN THE LIBRARY—Five hours. Time required, two hours a day, plus optional work by the student. This is allowed only to those who have taken courses 2, 3, and 4, and calls for certain responsibility on the part of the student.

Electives suggested; any of the following:

Elementary Bookbinding, 1a, 1b, 1c.

Elementary typewriting, 11, 12.

Art, 4b, 6, 9.

Language, 12 hours, French, German or Latin.

## LITERATURE AND ENGLISH

The English courses in a teachers college should be complete and sufficient for all the needs of public school teachers. Students who expect to become high school teachers of English will find in Colorado State Teachers College all the courses they need in the field of English.

Courses found in university catalogs which have no function in a high school English teacher's training, such as Anglo-Saxon and courses in philology, are omitted.

Courses in composition, oral and written, in oral English, public speaking, and dramatic literature, in the teaching of English in the elementary school, in grammar and the teaching of grammar, in etymology, and in the cultural phases of literature are offered as electives for students who expect to become grade teachers or who are pursuing some other group course than English and wish to elect these from the English Department.

Some of the elective courses for third and fourth-year students will be offered once every two years. Majors in English should plan their work in such a way as to take the fullest advantage of the alternating courses.

## COURSE OF STUDY

Two years or four years for majors in Literature and English.

In addition to the core subjects and free electives included in all the curricula as listed on page 47, this department requires:

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

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

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

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

## 1. MATERIAL AND METHODS IN READING AND LITERATURE—Four hours.

A survey of children's literature and a study of motivation in the field of reading, oral and silent, for children; the consideration of principles governing the choice of literature in the grades; practice in the organization and presentation of type units, including dramatization and other vitalizing exercises. A somewhat flexible course, affording opportunity for intensive work within the scope of any grade or grades, according to the individual need or preference.

2. THE TEACHING OF WRITTEN ENGLISH—Four hours.

This course takes up the problems of teaching formal English, both spoken and written, in the intermediate grades, and the junior high school. The functional teaching of grammar is included.

3. PUBLIC SPEAKING AND ORAL COMPOSITION—Three hours.

The endeavor of this course is to establish the student in habits of accurate speech, and to encourage fluency, vigor, and the logical marshalling of his thought in discourse of varied types, including exposition, description, narrative, oratory, argumentation, free dramatization.

4. SPEAKING AND WRITING ENGLISH—Required of all students unless excused by the head of the English department. Three hours. Every Quarter.

Minimum essentials of oral and written composition. Content and method of functional grammar. Theory and practice of composition of collegiate grade.

6. AMERICAN LITERATURE—Four hours. Spring Quarter.

A course in American literature following the plan of Courses 8, 9, and 10 in English literature.

8. THE HISTORY OF ENGLISH LITERATURE—Four hours. Fall Quarter.

A reading course following the development of our literature from 670 to 1625.

9. THE HISTORY OF ENGLISH LITERATURE—Four hours. Winter Quarter.

A reading course following the development of our literature from 1625 to 1798.

10. THE HISTORY OF ENGLISH LITERATURE—Four hours. Spring Quarter.

A reading course following the development of our literature from 1798 to 1900.

11. THE HISTORY OF THE ENGLISH LANGUAGE—Four hours. Winter Quarter.

Historical development of the English language. Etymologies, word origins, connotations, etc.

12. VOICE CULTURE—Four hours. Fall Quarter.

Technical drill for freedom, flexibility and expressiveness of voice. Exercises for clear-cut, accurate articulation. Interpretation of units of literature adapted, by their range of thought, and feeling, to develop modulation, color, and variety of vocal response.

None of this drill is mechanical; even the technical exercise is controlled by a variety of concepts embodying the qualities sought.

13. THE ART OF STORY TELLING—Three hours. Winter and Spring Quarters.

The study of the main types of narrative, with emphasis upon the diction and manner suitable for each. Practice in the art of story telling.

14. DRAMATIC ART—Four hours. Winter Quarter.

The technic of the drama. The analysis and group interpretation of plays. The content of the course varies from year to year. Open only to students who have taken English 3.

15. TYPES OF LITERATURE—Three hours.

A reading course looking toward an appreciation of literature and covering all the types of literature that can be made interesting to young people and to contribute to the formation of good taste in reading. This would include English, American, and Foreign literature which has become classic. But no matter how "classic" it is, it still must be attractive. The types covered will be lyric, narrative, and epic poetry, drama, essay, story, novel, letters and biography.

## 16. CONTEMPORARY LITERATURE—Three hours.

A second appreciation course similar to English 15, but dealing with the literature of not more than ten years back. Most teachers of literature leave the impression that literature must age like fiddles and wine before it is fit for human consumption. Such is not the case. Much good literature is being produced every year. After students leave school it is just this current literature that they will be reading, if they read at all. We want to help them form a discriminating taste for reading, and to acquire a liking for reading so that they will be alive to what the world is thinking, feeling, doing and saying after they leave the school.

## 17. COMEDY: A LITERARY TYPE—Four hours. Summer Quarter.

The consideration of comedy as a type of drama, with intensive and comparative study of a Shakespearean comedy. The group interpretation of a Shakespearean comedy on the campus. Sometimes, when the class is large, other programs of standard plays are also given.

## 18. DEBATING—One hour. Fall Quarter.

A practice course in debating open to any student interested in inter-class and inter-collegiate debating. The teams for the inter-collegiate debates are chosen at the end of the quarter from the students enrolled in this group.

## 19. DEBATING—Three hours. Winter Quarter.

Those students who were selected for the inter-collegiate debate teams will comprise the classes in English 19, one for men and one for women. The work will consist of the preparation for the debates.

## 20. INTERMEDIATE COMPOSITION—Three hours. Winter Quarter. Prerequisite, English 4.

This course is planned for the students who have passed English 4 and wish to get further practice in the usual forms of composition and do not care to go into the newspaper writing provided for in the courses numbered 100, 101 and 102.

## 21. INTERMEDIATE COMPOSITION—Three hours. Spring Quarter.

A continuation of English 20, which is prerequisite to English 21.

## 31. THE SHORT STORY—Four hours. Spring Quarter.

A study of fifty typical modern short stories to observe the technical methods of modern short story writers and the themes they have embodied in the magazine fiction of the present. The course is based upon Mr. Cross' book, "The Short Story," supplemented by O'Brien's "The Best Short Stories of 1915 and 1916, etc." And other recent volumes on the Short Story. Current magazine stories are also used.

## 100. JOURNALISTIC WRITING—Three hours. Fall Quarter. A first course in journalism.

Students who want to be able to write for print in the school paper, or for professional magazines, should take this course.

## 101. JOURNALISTIC WRITING—Three hours. Winter Quarter.

A continuation of Eng. 100. A course in advanced English composition based upon newspaper and magazine work. Every type of composition used in practical news and journalistic writing is used in the course.

## 102. JOURNALISTIC WRITING—Three hours. Spring Quarter.

A continuation of Eng. 101.

## 103. ADVANCED PUBLIC SPEAKING—Three hours.

A senior college course for students who wish to get more practice under direction than is given in English 3. Open only to those students who have had elementary public speaking in this college or elsewhere.

## 105. ORAL ENGLISH IN THE HIGH SCHOOL—Two hours. Winter Quarter.

The discussion of practical problems concerning the direction of Oral English in the secondary school, oral composition, literary society and debating activities, festivals, dramatics, etc.

## 106. THE TEACHING OF ENGLISH IN THE HIGH SCHOOL—Three hours. Fall Quarter.

Principles for the selection of literature for senior high school pupils considered critically; illustrative studies in the treatment of selected pieces; study of type of composition work for high schools, with illustrative practice in writing.



107. COMPARATIVE LITERATURE—Greek and Latin—Four hours. Fall Quarter. Offered next in 1923.

A survey of the main contributions of classical culture to world literature. The reading in English translation of Homeric epics and the dramas of Aeschylus, Sophocles, and Euripides.

108. COMPARATIVE LITERATURE—Italian, Spanish and French—Four hours. Winter Quarter. Offered next in 1925.

A study of literary elements and influences deriving from Mediaeval and Renaissance cultures; a review of the trends of modern romance literatures; a careful reading in translation of outstanding classics, notably, Dante's "Divine Comedy."

109. COMPARATIVE LITERATURE—German, Scandinavian and Russian—Four hours. Spring Quarter. Offered next in 1925.

A comparison of Teutonic epic material with Greek and Romance epic; a survey of the significant contributions in the literature of Germanic and Russian people; the careful study of Goethe's "Faust."

116. THE FESTIVAL—Three hours. Spring Quarter.

The study of historical or racial festival, its origin, forms and various elements. Research and original work in outlining unified festival plans for schools or communities, reflecting some significant event or idea, or some phase of civilization.

120. LYRIC POETRY—Four hours. Fall Quarter. Offered next in 1923.

A comparative study of types, theme, spirit, and technic of standard English lyrics, with an attempt to estimate the significance of contemporary tendencies in poetry.

121. NINETEENTH CENTURY POETRY—Four hours. Winter Quarter. Offered next in 1924.

A study of English poetry from Wordsworth to Tennyson, including Coleridge, Byron, Shelly, Keats, and the lesser writers from 1798 to 1832.

122. VICTORIAN POETRY—Four hours. Spring Quarter. Offered next in 1924.

Tennyson and Browning, and the general choir of English poets from 1832 to 1900.

125. NINETEENTH CENTURY PROSE—Four hours. Fall Quarter. Offered next in 1924.

Consideration of the serious prose writings, chiefly critical and literary, of the leaders of thought in the nineteenth century.

126. THE INFORMAL ESSAY—Four hours. Fall Quarter. Offered next in 1923.

A study of the familiar essay for the purpose of determining the nature and form of this delightful phase of literary composition. The method in this course is similar to that pursued in the short story; namely, a reading of a number of typical essays as laboratory material for a study of technic and theme.

127. SHAKESPEARE'S COMEDIES—Four hours. Fall Quarter. Offered next in 1923.

The life of Shakespeare and a literary study of his comedies, with a proper amount of attention to the method of teaching Shakespeare in high schools.

128. SHAKESPEARE'S HISTORIES—Four hours. Winter Quarter. Offered next in 1924.

A continuation of the study of Shakespeare begun in English 127.

129. SHAKESPEARE'S TRAGEDIES—Four hours. Spring Quarter. Offered next in 1924.

The completion of the year's work in Shakespeare.

130. ELIZABETHAN DRAMA EXCLUSIVE OF SHAKESPEARE—Four hours. Fall Quarter. Offered next in 1924.

A knowledge of the dramatic literature of the early seventeenth century is incomplete without an acquaintance with the contemporaries and successors of Shakespeare from about 1585 to the closing of the theatres in 1642. The chief of these dramatists, with one or more of the typical plays of each, are studied in this course.

132. THE DEVELOPMENT OF THE NOVEL—Four hours. Winter Quarter. Offered next in 1925.

The development, technic, and significance of the novel.

133. THE RECENT NOVEL—Four hours. Spring Quarter. Offered next in 1925.

The reading of ten typical novels of the past five years for the purpose of observing the trend of serious fiction, and to study the social, educational, and life problems with which the novelists are dealing.

134. MODERN PLAYS—Four hours. Winter Quarter. Offered next in 1925.

Reading and class discussion of thirty plays that best represent the characteristics, thought-currents and the dramatic structure of our time.

### 230. RESEARCH IN ENGLISH.

This is a graduate seminar provided to take up problems in the teaching of English such as require investigation by graduate students working upon theses in the department of Literature and English. The amount of credit depends upon the work successfully completed.

## MATHEMATICS

All courses in the department are given with a keen appreciation of the modern demand for vitalization of school work. In consequence, the material is presented in such a way as to furnish as many points of contact with real life as possible, and to give the student a comprehensive grasp of the principles of the subject under consideration.

### COURSE OF STUDY

Two years or four years for majors in Mathematics.

In addition to the free electives, and the core subjects, included in all the curricula listed on page 47, this department requires:

FIRST YEAR: Mathematics 2, 5, and 6.

SECOND YEAR: Mathematics 7 and 8 or 9.

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

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

#### 1. SOLID GEOMETRY—Four hours. Summer Quarter.

The ordinary propositions and exercises of this subject are given. Special attention is given to practical applications.

#### 2. PLANE TRIGONOMETRY—Four hours. Spring and Summer Quarters.

The solution of the right triangle with numerous practical applications secured by the use of surveyors' instruments in the field; the development of the formulas leading up to the solution of the oblique triangle.

#### 4. SURVEYING—Four hours. Spring Quarter.

In this course the student becomes familiar with the ordinary instruments of the surveyor: the transit, the compass, the level, etc. He takes up such practical problems as running a line of levels for an irrigation ditch, establishing a sidewalk grade and measuring land.

#### 5. COLLEGE ALGEBRA—Four hours. Fall Quarter.

This course opens with a thoro review of Elementary Algebra with a view to giving a clear knowledge of the principles of the subject. It continues with permutations and combinations, the progressions, and the function and its graph.

#### 6. COLLEGE ALGEBRA—Four hours. Winter Quarter.

A continuation of Course 5 dealing with logarithms, variables and limits, theory of equations, and infinite series. Thruout the needs of the prospective teacher are constantly kept in view.

**7. ANALYTIC GEOMETRY—Four hours. Fall and Summer Quarters.**

This course opens up to the student, in a small way, the great field of higher mathematics. It also connects closely with the subject of graphs in Algebra and forms the basis of the work in the Calculus.

**8b. THE TEACHING OF ARITHMETIC—Two hours. Fall, Spring and Summer Quarters.**

This course deals primarily with the modern movements and methods in the teaching of Arithmetic. A brief history of the development of the subject and of the methods used in the past is given. The real problems of the classroom are taken up and discussed with a view to giving the student something definite that she can use when she gets into a school of her own.

**9. THE TEACHING OF ARITHMETIC—Four hours. Winter Quarter.**

This course will follow the same lines as Course 8 but in greater detail. It will also give more attention to the development of the principles of the Arithmetic itself.

**100. THE TEACHING OF SECONDARY MATHEMATICS—Two hours. Spring and Summer Quarters.**

This course is designed to place before the prospective teacher the best educational thought of the day relating to High School Algebra, Geometry and Trigonometry. Consideration is given to the educational value of these subjects, to the recent improvements in teaching them and to all problems arising in the work of the modern teacher of secondary mathematics.

**101. DIFFERENTIAL CALCULUS—Four hours. Winter and Summer Quarters.**

An introduction to the powerful subject of the Calculus. While care is taken to see that the formal side of the subject is mastered, many problems of a practical nature are introduced from the realms of Geometry, Physics and Mechanics.

**102. INTEGRAL CALCULUS—Four hours. Spring and Summer Quarters.**

This course takes up the ordinary formulas for integration and the commoner applications of the Integral Calculus.

**103. THEORY OF EQUATIONS—Four hours. Fall Quarter.**

The course deals with the graph, complex number, cubic and quartic equations, symmetric functions and determinants.

**106. DESCRIPTIVE ASTRONOMY—Four hours. Winter and Summer Quarters.**

This course gives an introduction to the fascinating study of Astronomy. It gives the idea of the principles, methods, and results of the science; shows the steps by which the remarkable achievements in it have been attained; and covers the recent investigations respecting the origin and development of the solar system.

**200. ADVANCED DIFFERENTIAL CALCULUS—Four hours. Fall Quarter.**

A continuation of the preceding course given over largely to applications of the Calculus.

**201. DIFFERENTIAL EQUATIONS—Four hours. On demand.**

A discussion of problems which lead to differential equations and of the standard methods of their solution.

**202. ADVANCED INTEGRAL CALCULUS—Four hours. On demand.**

In this course the work of the preceding course in integral calculus is rounded out and extended.

**8a. JUNIOR HIGH MATHEMATICS—Two hours. Summer Quarter.**

The almost universal adoption of the Junior High School plan has given a great stimulus to the study of the character of the work in the common branches that should be pursued in the seventh, eighth and ninth grades. This course attempts to solve the problems that arise concerning the mathematics in these grades.

## MUSIC

The course offered by the department is of two kinds:

(a) Courses which are elementary and methodical in their nature and are meant to provide comprehensive training for teachers who teach 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.

## PRIVATE INSTRUCTION

The conservatory offers instruction in voice, piano, violin and orchestral and band instruments. Send for special Music Bulletin.

Student recitals are given which provide the students an opportunity to appear in public recitals. Operas are produced annually by the students.

The Philharmonic Orchestra is a symphony orchestra of fifty members, comprised of talent from the school and community, which gives bi-monthly concerts. The standard symphonic and concert compositions are studied and played. Advance students capable of playing the music used by the organization are eligible to join upon invitation of the director.

The College orchestra and band offer excellent training for those interested.

The annual May Festival gives the students opportunity to hear one of the greatest orchestras and study one of the standard oratorios presented at that time.

The Teachers College Choral Union presents programs during the year, its closing program being the Oratorio given during the Spring music festival. All pupils registered in the Conservatory of Music are eligible to the chorus.

## COURSE OF STUDY

Two years or four years for majors in public school music, vocal and instrumental music.

In addition to the free electives, and the core subjects, included in all the curricula as listed on page 47, this department, for a major in public school music, requires:

FIRST YEAR: 1, 2, 10, 11, 20, 22, 40, 101.

SECOND YEAR: 3, 4, 21, 23, 101, 40, Ed. 2c.

THIRD YEAR: 130, 131, 132, 40, 101, 103, 104, 110.

FOURTH YEAR: 40, 101, 105, 106, 107, 108, 120, 130, 131, 132.

All public school majors are required to become members of the College chorus or orchestra. This may be taken with or without credit.

All majors in the public school music course must pass a third grade test on the piano and must be able to sing with an agreeable quality. Consult the head of the department.

This course in instrumental and vocal music will be arranged to suit each individual student.

1. SIGHT SINGING—Three hours.

A course designed for those who wish to become proficient in the rudiments of music and in singing music at sight. Course for beginners. A required course for majors in music.

2. TONE THINKING AND MELODY WRITING—Three hours.

Introductory course to beginning harmony. Required of all music majors.

3. INTRODUCTORY HARMONY—Three hours.

The writing of melodies and the harmonization of same. Required of all music majors. Prerequisite Music 2.

4. **ADVANCED HARMONY—Three hours.**

A continuation of Music 3. Required of majors in music.

10. **PRIMARY METHODS—Three hours.**

The teaching of rote songs. The care of the child's voice. The forming of a repertoire of songs that will be useful out of school as well as in the school. Methods for the first, second, and third grades. Required of public school majors. Prerequisite Music 1 and 2.

11. **INTERMEDIATE METHODS—Three hours.**

Methods for fourth, fifth and sixth grades. Problems of these grades are considered and practical solutions are offered. Required of all music majors. Prerequisite Music 1.

20. **HISTORY OF ANCIENT AND MEDIEVAL MUSIC—Three hours.**

A cultural course open to all students. From earliest music up to and including Beethoven. Required of music majors.

21. **MODERN COMPOSERS—Three hours.**

The lives of the composers are studied and the student will become acquainted with the beauty and style of their composition, through the aid of the phonograph and the player piano. Required of music majors.

22. **MUSIC APPRECIATION—Three hours.**

This course is offered to those who desire to acquire a greater love for good music. The phonograph is used to present the instruments of the orchestra in solo and in combination. A graded course for the public school is given.

23. **MUSICAL LITERATURE—Three hours.**

The best music will be presented and a thorough knowledge of the form of oratorio and opera and other styles of music will be obtained.

30. **INDIVIDUAL VOCAL LESSONS—One hour. Fee, \$2.00.**

Correct tone production, refined diction and intelligent interpretation of songs from classical and modern composers. To arrange for lessons consult head of voice department.

31. **INDIVIDUAL PIANO LESSONS—One hour. Fee, \$1.25 and \$1.50.**

Piano work is arranged to suit the needs and individuality of the pupil. To arrange for lessons consult the head of the piano department.

32. **INDIVIDUAL VIOLIN LESSONS—One hour. Fee, \$1.25.**

The work will be outlined according to the ability of the student. To arrange for lessons consult the head of the piano department.

33. **INDIVIDUAL PIPE ORGAN LESSONS—One hour. Fee, \$1.50.**

The work will be outlined according to the ability of the student. The work presupposes some knowledge of the piano. To arrange for lessons consult the head of the organ department.

34. **CLASS LESSONS IN VOICE—Each Quarter.**

Two lessons a week. Lessons will be given to groups of ten. Twenty-five cents will be the charge to each student. This course is of interest to all teachers who expect to have charge of music in the schools under supervision.

35. **CLASS LESSONS IN VIOLIN—Each Quarter.**

Two lessons a week. Classes will be organized in groups of ten. A course for beginners. A fee of twenty-five cents will be charged.

40. **BEGINNER'S ORCHESTRA—One hour.**41. **BEGINNER'S BAND—One hour.**43. **ADVANCED ORCHESTRA—One hour.**44. **ADVANCED BAND—One hour.**42. **GLEE CLUB—One hour.**

Entrance upon invitation after examination.

## 101. CHORUS SINGING—One hour.

Worth-while music and standard choruses are studied and prepared to present in concert.

## 103. COUNTERPOINT—Two hours.

The rules of harmony are here applied to polyphonic writing. Required of candidates for degree in music. Prerequisite Music 4.

## 104. ADVANCED COUNTERPOINT—Two hours.

A continuation of Music 103. Required of candidates for degrees in music.

## 105. FORM AND ORCHESTRATION—Three hours.

The principles of composition in the larger forms are studied and the various instruments of modern orchestra are described. Beginning arrangement for orchestra. Prerequisite Music 104.

## 106. FORM AND ORCHESTRATION—Three hours.

A continuation of Music 105. Required for degree in music.

## 107. SYMPHONIC ANALYSIS—Two hours.

A thorough analysis will be made of symphonies from Hayden down to the present. Prerequisites Music 4, 104, 106.

## 108. A CONTINUATION OF MUSIC 107—Two hours.

## 110. SUPERVISORS' COURSE—Three hours.

Materials for all grades up to and including Junior and Senior High School will be presented and an opportunity given to members of the class for conducting. Required of music majors. Prerequisites Music 1, 2, 3, 4, 10, 11.

## 120. SCHOOL ENTERTAINMENTS—Two hours.

Practical program for all occasions. Thanksgiving, Christmas, etc.

## 130. INDIVIDUAL VOCAL LESSONS AND METHODS—One hour. Fee, \$2.00.

131. INDIVIDUAL PIANO LESSONS AND METHODS—One hour. Fee, \$1.25 and \$1.50.

## 132. INDIVIDUAL VIOLIN LESSONS AND METHODS—One hour. Fee, \$1.25.

133. INDIVIDUAL PIPE ORGAN LESSONS AND METHODS—One hour. Fee, \$1.50.

## 200. RESEARCH—Four hours.

## 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 co-operation 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 our century of intense industrialism, the role of physical science has become of such importance that its place in the public school curriculum ought to be carefully reconsidered. The Physics Department of Colorado State Teachers College is, therefore, facing the two-sided problem:

1. What ought to be the purpose and organization of physics teaching in a progressive school?
2. What ought to be the best organization of physics teaching under existing conditions?

These two sides of the problem will constantly be kept in view in all courses given by the Physics Department. In these courses topic, prob-

lem, and project methods will be combined in such a way as to allow the classroom to be organically absorbed by the laboratory. Then only will the motivation become natural; the students will then find a motive where they used to find a textbook. Moreover, the students will be placed in the atmosphere of actual teaching in full co-operation with the Physics Department. "Red-letter" lessons will be both practiced and observed by the students. This will force them to lead, so to speak, a treble existence: that of a college student, that of a high school pupil, and that of a teacher.

Such is our purpose, our main problem, to which will be subordinated all other purposes, however interesting or useful in themselves.

The two sides of the problem, if correctly approached, will give ample opportunity to the initiative and originality of the students in organizing their own work.

The problem of teaching physics, if correctly solved, will put into their hands a powerful instrumentality for imparting to their own pupils "the methods of experimental inquiry and testing, which give intellectual integrity, sincerity and power in all fields of human activity"; it will, moreover, enable them to arouse the somewhat slow enthusiasm of the high school pupil for this master science of our century.

#### COURSE OF STUDY

Two years or four years for majors in Physics.

In addition to the free electives, and the core subjects, included in all the curricula as listed on page 47, the department of Physics requires:

FIRST YEAR: Physics 1, 2 and 3.

SECOND YEAR: Physics 4, 14, 15, 107, 108.

THIRD YEAR: Physics 101, 102, 103, 111, 121.

FOURTH YEAR: Physics 201, 202, 203.

1. ELECTRICITY, MAGNETISM AND ELECTROMAGNETICS—Four hours. Fall Quarter. Fee, \$3.00.

This course provides adequate information concerning electrical and magnetic laws illustrated by problems based upon practical applications of electrostatics and magnetism. It presents out of the immense mass of electrical and magnetic phenomena only those which have a direct bearing upon the teaching of physics in elementary and secondary schools.

2. ELECTRODYNAMICS—Four hours. Winter Quarter. Fee, \$3.00.

This course is a continuation of Physics 1. The laws of electrodynamics will be illustrated by experience and projects on various electrical apparatus and machinery including telephone, telegraph and wireless.

3. MECHANICS (INCLUDING HYDROSTATICS AND HYDRAULICS) — Four hours. Spring Quarter. Fee, \$3.00.

This course is intended both for prospective elementary and high school teachers. Its primary aim, besides a clear understanding of general laws, is a firm grasp of the principles underlying the most fundamental mechanisms and some of our modern machines. The scope and content of the course will be so arranged as to reduce considerations of a purely analytical value to a minimum. Experiments and projects will be taken mostly from the immediate environment.

10. HOUSEHOLD PHYSICS (For household Students)—Four hours. Any Quarter. Fee, \$3.00.

Physical laws applied to the needs of the household or to the life of the community at large will be emphasized in a series of topics and projects taken from the immediate environment.

11. THE STUDY OF HEAT—Four hours. Fall Quarter. Fee, \$3.00.

This course will include a simple exposition of different theories of the nature of heat, its effect upon matter, its physiological and climatic effects; its relation to other forms of energy, and, finally, the application of a few fundamental principles of thermodynamics to gas and steam engines.

14. THE STUDY OF SOUND—Two or four hours. Any Quarter. Fee, \$3.00.

This course will deal with the nature of sound, the laws of its propagation, reflection, interference and re-enforcement as well as their application to musical and technical instruments.

15. THE STUDY OF LIGHT—Four hours. Any Quarter. Fee, \$3.00.

An elementary exposition of Huyghens' theory of light will make the light phenomena more intelligible. The study of mirrors, lenses and prisms will lead toward experiments and projects on such instruments as the microscope, telescope, spectroscope, as well as to the study of photography and color photography.

20. ORGANIZATION OF PROJECTS IN ELEMENTARY PHYSICS—Four hours.

This course is of importance to prospective Science teachers. The course is based upon projects including demonstration and laboratory experiments.

101. THE STUDY OF HEAT AND THERMODYNAMICS—Four hours. Fall Quarter. Fee, \$3.00.

Mechanical theory of heat. Effect of heat upon properties of matter. Liquefaction of air and other gases. Digression on Energy. Perpetual motion. Various forms of energy and their transmutations. Sources of energy. Principle of equivalence. Carnot-Clausius principle. Dissipation of energy. Experiments and projects on various applications of heat (steam engines, gas engines, etc.).

102. THE STUDY OF LIGHT—Four hours. Winter Quarter. Fee, \$3.00.

This course will begin with a general review (in the form mostly of problems and projects) of Course 15. The course will be based entirely upon Huyghens' wave theory. The study of interference, diffraction, polarization and double refraction will give ample material for a series of experiments and projects.

103. ELECTRICITY AND ELECTROMAGNETICS—Four hours. Spring Quarter. Fee, \$3.00.

This course is a more advanced development of Course 1 and 2 (pre-requisite). It will give a more thorough treatment of the fundamental laws of Electrostatics, Electrodynamics and Electromagnetics. This course will include the electromagnetic theory of Light and the Electron Theory.

107. THE HISTORY OF EPOCH-MAKING DISCOVERIES IN PHYSICS—Two hours. Any Quarter. Fee, \$3.00.

The purpose of this course is to bring out the historical conditions under which the great discoveries were accomplished. The struggle that the natural philosophers have had to carry out in all ages against their contemporaries, imbued either with traditional superstition or with prejudice, their unyielding and often heroic determination to vanquish and subdue the forces of Nature for the benefit of mankind ought to form one of the cornerstones in the teaching of history in the public schools.

108. METHOD OF TEACHING PHYSICS IN ELEMENTARY AND HIGH SCHOOLS. Four hours. Any Quarter. Fee, \$3.00.

This course is intended for teachers of both Physics and General Science. Its main purpose is the organization of projects, experiments, and "red-letter" lessons in elementary physics.

109. PHYSICS OF EVERY DAY LIFE—On demand. Four hours. Fee, \$3.00.

This course altho thoroughly practical, will be based upon an adequate knowledge of general physics (Pre-requisite: Physics 1, 2, 3, 11, 15). Experiments and projects will include photography, telephone, lighting and heating apparatus, electric and gas motors, etc. Hours to be arranged.

111. PROJECTS BASED UPON THE STUDY OF THE AUTOMOBILE—Four hours. Any Quarter. Fee, \$3.00.

This course although practical, will not enter into the narrow technicalities of a trade school course. The reason why this course is given, lies primarily not in the importance acquired by the automobile in our every day life but in the multiplicity of physical principles involved in the gasoline engine upon which many interesting experiments and projects can be organized.



121. PROJECTS BASED UPON THE STUDY OF DIRECT AND ALTERNATING CURRENTS—(Prerequisite: Physics 2 and 103). Four hours. Any Quarter. Fee, \$3.00.

This course will enable the prospective teacher not only to understand the working of electrical instruments and machinery, but to organize electrical experiments which will act most stimulatingly upon the imagination of the young. The courses will be accompanied by problems, experiments and projects on D. C. and A. C. generators, motors, telephone, telegraph, wireless, etc.

201. THE NEW RAYS—Four hours. Fall Quarter. Fee, \$3.00.

This course will include the study of rays of the invisible spectrum of cathode ray, X-rays, canal rays, as well as the study of radioactivity of Alpha, beta and gamma rays, etc.

202. THE EVOLUTION OF MODERN PHYSICAL THEORIES—Four hours. Winter Quarter. Fee, \$3.00.

This course will begin with the Newtonian concept of the universe and follows the evolution of theories of light, heat and electricity. It will include elements of the electro-magnetic theory of light, the electron theory and radioactivity as well as an outline of the theory of relativity.

203. ORGANIZATION OF PROJECTS IN HIGH SCHOOL PHYSICS—(For Seniors only). Four hours. Any Quarter. Fee, \$3.00.

## ROMANCE LANGUAGES AND LATIN

Five years work in both French and Spanish, one year of College Latin and one year of Italian will be offered during the year 1923-24. No credit will be given for less than 10 hours in the first year's work in French and Spanish.

### COURSE OF STUDY

Two years or four years for majors in Romance Languages.

In addition to the free electives, and the core subjects included in all the curricula as listed on page 47, this department requires:

FIRST YEAR: French 1, 2, 3, Spanish 5, 6, 7, or Spanish 1, 2, 3, French 5, 6, 7.

SECOND YEAR: French 10, 11, 12, Spanish 10, 11, 12.

THIRD YEAR: Nine hours of French, or 9 hours of Spanish.

FOURTH YEAR: Nine hours of French or 9 hours of Spanish.

### FRENCH

1. GRAMMAR AND PRONUNCIATION—Four hours. Fall Quarter.

The completion of 25 lessons in Maloubier and Moore's French grammar.

2. GRAMMAR AND READER—Four hours. Winter Quarter.

Completion of the French grammar and reading of easy texts.

3. READING AND CONVERSATION—Four hours. Spring Quarter.

The reading of three easy texts and much drill in conversation and dictation.

5. ELEMENTS OF FRENCH LITERATURE—Three hours. Fall Quarter.

Devoted to Halevy's *L'Abbe Constantin* and Dumas' *La Tulipe Noire*.

6. EASY FRENCH PLAYS—Three hours. Winter Quarter.

Three comedies by La Biche and exercises in composition and conversation.

7. FRENCH FICTION—Three hours. Spring Quarter.

Daudet's *Tartarin de Tarascon*, De la Brete's *Mon Oncle et Mon Cure*. Composition and sight work based on About's *Le Roi des Montagnes*.

10. THE ROMANTIC MOVEMENT—Three hours. Fall Quarter.  
Three dramas of Hugo; *Le Rois' Amuse*, *Hernani*, and *Ruy Blas*.
11. WOMEN IN FRENCH LITERATURE—Three hours. Winter Quarter.  
*Georges Sand*, *Madame de Lafayette* and *Madame de Sevigne*.
12. FRENCH PROSE—Three hours. Spring Quarter.  
*De Vigny*, *Gautier*, and *Merimee*. Selected works and a special study of French prose as compared with English and Spanish masters.
105. SHORT STORY WRITERS—Three hours. Fall Quarter.  
*De Maupassant*, *Merimee*, *Daudet* and others.
106. THE TEACHING OF FRENCH IN SECONDARY SCHOOLS—Three hours. Winter Quarter.  
A summary of methods, devices and choice of texts to be used during a two and four years course in high schools.
107. THE CLASSIC WRITERS—Three hours. Spring Quarter.  
*Corneille*, *Racine* and *Moliere*. Selected dramas.
210. RECENT FRENCH LITERATURE—Three hours. Fall Quarter.  
The works of *Georges Clemenceau* and selected works written since 1918.
211. OLD FRENCH—Three hours. Winter Quarter.  
A course in Old French Prose. *Aucassin et Nicolette*.
212. FRENCH PROSE COMPOSITION—Three hours. Spring Quarter.  
A course in the translation of difficult English prose into French. Also original French composition.

## SPANISH

1. GRAMMAR AND PRONUNCIATION—Four hours. Fall Quarter.  
The completion of 25 lessons in *Moreno-Lacalle's Spanish Grammar*.
2. GRAMMAR AND READER—Four hours. Winter Quarter.  
Completion of grammar and reading of *El Primo Libro de Lectura*.
3. READING AND CONVERSATION—Four hours. Spring Quarter.  
The reading of short stories and conversational exercises.
5. ELEMENTS OF SPANISH LITERATURE—Three hours. Fall Quarter.  
The short stories of *Pedro de Alarcon*.
6. EASY SPANISH PLAYS—Three hours. Winter Quarter.  
Three plays of *Martinez Sierra* and two of *Benavente*.
7. SPANISH FICTION—Three hours. Spring Quarter.  
Selected works of *Ibanez*, *Galdos* and *Valdes*.
10. THE LITERATURE OF OLD MEXICO—Three Hours. Fall Quarter.  
*Leyendas Mejicanas*, *La Navidad en Las Montanas* and others.
11. THE LITERATURE OF SOUTH AMERICA—Three hours. Winter Quarter.  
*Marmol's Amayala*, *Phipp's Paginas de Sud-America* and *Ibanez's Paginas Sud-Americanas*.
12. CONTEMPORARY SPANISH LITERATURE—Three hours. Spring Quarter.  
*Sierra*, *Benavente*, and *Ibanez*.
105. NINETEENTH CENTURY DRAMATIC LITERATURE—Three hours. Fall Quarter.  
Devoted to *Tamayo y Baus*, *Jose Echagaray* and others.
106. THE GOLDEN AGE OF SPANISH LITERATURE—Three hours. Winter Quarter.  
The dramas of *Lope de Vega* and *Calderon*.

107. EARLY SPANISH FICTION—Three hours. Spring Quarter.  
Devoted to three or more selected works of Cervantes, including portions of Don Quijote.
210. INDUSTRIAL SPANISH—Three hours. Fall Quarter.
211. COMMERCIAL SPANISH—Three hours. Winter Quarter.
212. THE TEACHING OF SPANISH—Three hours. Spring Quarter.  
Including work in Old Spanish Readings.

## ITALIAN

No courses in Italian will be offered during the year 1923-24, unless ten or more students request such a course.

## LATIN

10. FRESHMAN COLLEGE LATIN—Three hours. Fall Quarter.  
Cicero or Vergil.
11. FRESHMAN COLLEGE LATIN—Three hours. Winter Quarter.  
Livy or Horace.
12. FRESHMAN COLLEGE LATIN—Three hours. Spring Quarter.  
The following courses covering the first year's work will be offered, but not for College credit:
1. FIRST YEAR LATIN—Five hours. Fall Quarter.  
Elements of Grammar and Easy Reading.
2. FIRST YEAR LATIN—Five hours. Winter Quarter.  
Continuation of First Year's book.
3. FIRST YEAR LATIN—Five hours. Spring Quarter.  
Completion of First Year book.
- LATIN 105. PLAUTUS ADVANCED—Three hours. Fall Quarter.
- LATIN 106. JUVENAL ADVANCED—Three hours. Spring Quarter.
- LATIN 107. SENECA ADVANCED—Three hours. Winter Quarter.
- Other advanced courses will be offered if there is sufficient demand.

## SOCIOLOGY

This department offers a series of courses in Sociology, Anthropology, and Economics. While designed primarily to meet the practical needs of elementary and high school teachers, supervisors, administrators, and social workers, the courses are so arranged as to provide a special preparation for the teaching of the subjects named, and for a liberal training in the field of social thought. An unusually fine collection of anthropological and sociological material is available for the use of classes. A full four-year course is offered.

1. ANTHROPOLOGY—Four hours.

Primitive people, their physical characteristics, beliefs, customs, arts, industries, forms of government, religions, etc.; the evolution of the sciences and the arts, language, religion, law, government, etc. This course is illustrated by concrete material. It is an introduction to, and a preparation for, the courses that follow, as well as for all courses in the social sciences.

3. EDUCATIONAL SOCIOLOGY—Three hours. Required of all first year students. Fee, 25 cents.

This course presents the sociological conception of education with certain sociological principles and their application in education. Text or syllabus and special readings.

**18. RURAL SOCIOLOGY—Four hours.**

A constructive study of country life, economic activities, social organizations, schools, clubs, churches, social centers, and modern efforts and successes in rural progress; intended primarily for rural teachers, but is of value to all students of rural social conditions and needs.

**105. THE PRINCIPLES OF SOCIOLOGY—Four hours. Required of third year students. Fee, 25 cents.**

This course is a study of the scope and history of sociology, sketches of the leading contributors to this science, and an exposition of its main principles as set forth systematically in a selected text. Lectures, readings and reports.

**130. SOCIAL PSYCHOLOGY—Two hours. Fee, 25 cents.**

A study of suggestion and imitation, crowds, mobs, fads, fashion, crazes, booms, crises, conventionality, custom, conflict, public opinion, etc. Text, readings and reports.

**132. THE FAMILY—Three hours.**

A study of the evolution of the family with emphasis on the modern situation. Particular attention will be paid to the relationship of the family to education, industry and ethics.

**209. SEMINAR IN SOCIOLOGY—Four hours.**

Only graduate students, or those capable of doing graduate work, will be admitted to this course. The exact nature of the work will be determined after consultation with the class, but it will probably be a study of the means, methods and possibilities of the conscious improvement of society.

**110. ECONOMICS—Three hours.**

A course covering, in addition to the Principles of Economics, the subjects of the Industrial Revolution in England, the Industrial Expansion of the United States, Tariff, Monopolies, Railroads, Profit Sharing, Trusts, Taxation, the Labor Movement and Legislation, Social Insurance, and Socialism.

**37. LABOR AND SOCIETY—Four hours.**

A study of the laboring classes, their development, place, privileges, and rights in society; and the relation of workers to systems of industrial administration. Specially commended to teachers of industrial education, and to students of economics.

PART IV  
DIRECTORY OF STUDENTS



DIRECTORY OF STUDENTS

SCHOOL YEAR 1922-23

FALL, WINTER, AND SPRING QUARTERS

Adams, Ruth	Greeley, Colo.
Adcock, Ethel	Galesburg, Ill.
Adkins, Clement	Fountain, Texas
Aebley, Helen F.	Colorado Springs, Colo.
Alber, Vera	Greeley, Colo.
Alexander, Geneva	Greeley, Colo.
Alexander, Edith V.	Greeley, Colo.
Alexander, Vera E.	Bridgeport, Texas
Alexander, Vivien	Greeley, Colo.
Alexander, Wilma	Whitewood, S. Dak.
Allbrecht, Christine	Weldona, Colo.
Allbright, Ray	Greeley, Colo.
Allman, Anna W. (Mrs.)	Greeley, Colo.
Allen, Tura M.	Greeley, Colo.
Allison, Esther	Walsenburg, Colo.
Almond, Effie B.	Littleton, Colo.
Alpert, Ethel D.	Ft. Collins, Colo.
Alter, Norman	Greeley, Colo.
Ameter, Josephine	Boulder, Colo.
Anderson, Albert C.	Greeley, Colo.
Anderson, Archie H.	Greeley, Colo.
Anderson, Clarence	Greeley, Colo.
Anderson, Eleanor E.	Denver, Colo.
Anderson, Elizabeth (Mrs.)	Greeley, Colo.
Anderson, Florence	Wheatridge, Colo.
Anderson, Floyd	Deer Trail, Colo.
Anderson, Frances	Greeley, Colo.
Anderson, Joy	Greeley, Colo.
Anderson, Henry M.	Greeley, Colo.
Anderson, Louise	Rock Springs, Wyo.
Anderson, Marceline	Greeley, Colo.
Anderson, Nellie M.	Eaton, Colo.
Anderson, Rosa	Meeker, Colo.
Andrews, Abby	Corvallis, Ore.
Arkwright, Dorothy	Colorado Springs, Colo.
Armstrong, Olive Viola	Littleton, Colo.
Arvidson, Anna E.	Shenandoah, Iowa
Arvidson, Jennie	Shenandoah, Iowa
Atkinson, Gladys	Eaton, Colo.
Baab, William R.	Greeley, Colo.
Babcock, Carrie Rose	Littleton, Colo.
Babcock, Gladys May	Littleton, Colo.
Baechler, Eleanor C.	Ft. Collins, Colo.
Bailey, Barbara	Greeley, Colo.
Bailey, Iva M.	Canon City, Colo.
Baker, Harlie R.	Buckingham, Colo.
Balant, Ella	Greeley, Colo.
Balcom, Nella E.	Greeley, Colo.
Ballenger, Milton	Trinidad, Colo.
Barbour, Lillian M.	Wheatridge, Colo.
Bardwell, Electra	Breckenridge, Colo.
Barnard, Adella	Florence, Colo.
Barnard, Floy	Johnstown, Colo.
Barnhill, Kenneth	Simla, Colo.
Barrett, F. W.	Greeley, Colo.
Bauserman, W. A.	Manzanola, Colo.
Beale, Mildred P. (Mrs.)	Denver, Colo.
Bean, Olivia	Fairmount, N. Dak.
Beck, Olive	Denver, Colo.
Beem, Ruth	Greeley, Colo.
Beggs, Lelia	Greeley, Colo.
Belin, Virgil	Greeley, Colo.
Bennett, Goldie	Greeley, Colo.
Berger, Carlene M.	Berwind, Colo.
Berger, Esther V.	Denver, Colo.
Best, Mary	Denver, Colo.
Binder, Marie	Milliken, Colo.
Birdsall, Georgia	Dover, Colo.
Blackmore, Alice	Grover, Colo.
Blackwood, Jimmye	Longmont, Colo.

Blaine, Robt. F.	Colorado Springs, Colo.
Blair, Mildred	Greeley, Colo.
Blair, Mrs. Minnie	Greeley, Colo.
Blanchard, Lois	Wellington, Colo.
Bliss, Shirley	Greeley, Colo.
Bliss, Vincent H.	Greeley, Colo.
Block, Margaret	Gothenberg, Nebr.
Blomstrom, Edna	Payette, Idaho
Blomstrom, Eva	Payette, Idaho
Blue, Harold G.	Greeley, Colo.
Boardman, Brewer	Greeley, Colo.
Boatman, Mrytle (Mrs.)	Shepherd, Mo.
Bodine, Alice E.	Denver, Colo.
Bonell, Agnes (Mrs.)	Greeley, Colo.
Booth, Leah E.	Sunol, Nebr.
Bosley, Ruth I.	Colorado Springs, Colo.
Bosworth, Nellie	Platteville, Colo.
Bothell, John	Greeley, Colo.
Bowers, Margaret	Greeley, Colo.
Bowlds, Blanche E.	Denver, Colo.
Bowman, Nelle	Greeley, Colo.
Boyer, Edith E.	Greeley, Colo.
Boyer, Homer	Greeley, Colo.
Bradford, Grace	Keota, Colo.
Bradley, Mary Jane	Dacona, Colo.
Brady, Harriett	Pueblo, Colo.
Brake, Lepha	Greeley, Colo.
Brake, Vera	Greeley, Colo.
Bratton, Ivor Gould	Pueblo, Colo.
Breed, Mary Edith Belle	Denver, Colo.
Brewer, Carl Oliver	Greeley, Colo.
Briggs, Agnes	Greeley, Colo.
Briggs, Georgia	Wray, Colo.
Brorson, F. J.	Tescott, Kans.
Brock, Faye	Ft. Collins, Colo.
Brollen, Ellen	Windsor, Colo.
Brookhart, Viola	Las Animas, Colo.
Brooks, Ida	Rock Springs, Wyo.
Brooks, Margaret	Rock Springs, Wyo.
Brome, Carl Oliver	Greeley, Colo.
Browne, Libbie	Greeley, Colo.
Brown, Mae	Greeley, Colo.
Brown, Pete	Gila, Colo.
Brownfield, Gertrude	Greeley, Colo.
Brundy, Roy	Cornish, Colo.
Bruton, Lois M.	Neodesha, Kans.
Brush, Mrs. S. R.	Greeley, Colo.
Burgess, Florence	Denver, Colo.
Buck, Bertha	Clifton, Wash.
Burns, Frances E.	Ft. Lupton, Colo.
Burris, Helen	Denver, Colo.
Burrows, Iphigenia	Greeley, Colo.
Burton, Ada	Canon City, Colo.
Bussing, Warren	Greeley, Colo.
Butler, Georgia L.	Lamar, Colo.
Butler, Millicent	Ft. Morgan, Colo.
Butscher, Louis C.	Greeley, Colo.
Caldwell, Katherine	Greeley, Colo.
Calhoun, Mary	Denver, Colo.
Cameron, Margaret	Berthoud, Colo.
Cameron, Margaret M.	Barr Lake, Colo.
Campbell, Agnes (Mrs.)	Greeley, Colo.
Campbell, Celeste	Miami, Okla.
Campbell, Fern	Greeley, Colo.
Campbell, Grace J.	Ault, Colo.
Campbell, Rowena	Greeley, Colo.
Campbell, Virginia	Canon City, Colo.
Campbell, Wyota	Miami, Okla.
Carlson, Agnes Lillie	Lucerne, Colo.
Carman, Florence R.	Las Animas, Colo.
Carr, Ruth	Denver, Colo.
Carrigan, Philemena	Denver, Colo.
Casey, Abigail	Butte, Mont.
Casey, Catherine V.	Denver, Colo.
Casey, Margaret V.	Denver, Colo.
Carter, Clara O.	Brush, Colo.
Cartwright, Edna	Denver, Colo.
Chadwick, Mattie	Carr, Colo.
Chalgren, Arline	Greeley, Colo.



Chambers, Wilbur .....	Las Animas, Colo.
Chapp, Evelyn A. ....	Greeley, Colo.
Chestnut, Grace .....	LaSalle, Colo.
Chilton, Laura .....	La Junta, Colo.
Chirgwin, Grace .....	Victor, Colo.
Christensen, Anna .....	Cripple Creek, Colo.
Christensen, Marcella .....	Greeley, Colo.
Clark, Cleo .....	Greeley, Colo.
Clark, Elizabeth T. ....	Gothenburg, Nebr.
Clark, Herma .....	Greeley, Colo.
Clark, Jane E. ....	Gothenburg, Nebr.
Clark, Myra L. ....	Denver, Colo.
Clarke, Marion H. ....	Denver, Colo.
Clarkson, Edith .....	Memphis, Mo.
Cleghorn, Doris .....	Greeley, Colo.
Cline, Harry A. ....	Nunn, Colo.
Cline, Mrs. Hope M. ....	Greeley, Colo.
Clow, Daisy .....	Colorado Springs, Colo.
Cockerill, Ethel .....	Byers, Colo.
Coffman, Garland .....	Greeley, Colo.
Cohagan, Helen .....	Windsor, Colo.
Cologne, Rose .....	Rockvale, Colo.
Condon, Thelma .....	Platteville, Colo.
Condra, Maude H. ....	Galesburg, Ill.
Conlon, Helen .....	Denver, Colo.
Conn, Juanita .....	Greeley, Colo.
Connor, Helen S. ....	Greeley, Colo.
Cook, Louise .....	Louisville, Colo.
Coombs, Alice L. ....	Greeley, Colo.
Coonrad, Elizabeth .....	Greeley, Colo.
Copeland, Pearl .....	Greeley, Colo.
Cosby, G. Elizabeth .....	Canon City, Colo.
Coston, Etta .....	Mancos, Colo.
Courtney, Gratia .....	Long Beach, Calif.
Cramer, Philip .....	De Long, Ill.
Craner, Marie .....	Denver, Colo.
Craven, Edna Mae .....	Greenfield, Iowa
Crawford, Kathleen .....	Gainesville, Texas
Cribbs, Frances Roper .....	Fitzsimons, Colo.
Croccomb, Aimee .....	Leadville, Colo.
Croccomb, Alice .....	Leadville, Colo.
Crook, Leeta .....	Del Norte, Colo.
Crowner, Rae D. ....	Paoli, Colo.
Crowner, Isabelle .....	Paoli, Colo.
Crowl, Kenneth .....	Greeley, Colo.
Culbertson, Virginia .....	Greeley, Colo.
Culver, Gladys L. ....	Montrose, Colo.
Cunningham, Minnie .....	Denver, Colo.
Curd, Lucile .....	Greeley, Colo.
Curd, William S. ....	Greeley, Colo.
Curtis, Fern .....	Greeley, Colo.

Daggett, Elizabeth .....	Red Cliff, Colo.
Dahlberg, Marie .....	Denver, Colo.
Dalby, Clara .....	Louisville, Colo.
Dalby, Evea M. ....	Greeley, Colo.
Dalby, Hazel .....	Greeley, Colo.
Dando, Llewellyn .....	Greeley, Colo.
Daniels, Mary .....	Florence, Colo.
Daubenspeck, Esther .....	Denver, Colo.
Davenport, Exine .....	Greeley, Colo.
David, Ethel .....	Aurora, Colo.
Davidson, Harold C. ....	Greeley, Colo.
Davidson, Mrs. H. C. ....	Greeley, Colo.
Davidson, Mabel .....	Lexington, Nebr.
Davies, Mildred .....	Niwot, Colo.
Davis, Agnes .....	Colorado Springs, Colo.
Davis, Gertrude .....	Shenandoah, Iowa
Davis, Alberta O. ....	Denver, Colo.
Davis, Margaret M. ....	Longmont, Colo.
Davis, Muriel B. ....	Greeley, Colo.
Davis, Mildred M. ....	Ordway, Colo.
Davis, Minnie K. ....	Victor, Colo.
Davis, Robert Y. ....	Greeley, Colo.
Davis, Mrs. Robert Y. ....	Greeley, Colo.
De Armond, Olive .....	Topeka, Kans.
DeBarr, Zula .....	Owaneco, Ill.
Dedrick, Mary F. ....	Greeley, Colo.
DeFoor, Mrs. Gretchen .....	Gypsum, Colo.
DeForest, Lionel T. ....	Dedham, Mass.

Dempewolf, Cecilia	Greeley, Colo.
DeNio, Lucile	Denver, Colo.
DeVany, Helen L.	Georgetown, Colo.
Dickson, Elizabeth	Denver, Colo.
Dille, Elizabeth	Greeley, Colo.
Dismant, Ethel	Red Cliffe, Colo.
Dispense, Vincennes	Denver, Colo.
Ditmar, Mary A.	Castle Rock, Colo.
Dobbins, Joseph	Greeley, Colo.
Domke, Nona	Greeley, Colo.
Donohue, Jesse	Pueblo, Colo.
Donelson, Eva	Walden, Colo.
Draper, Gladys	Greeley, Colo.
Dunlap, Dorothy M.	Fontanelle, Iowa
Dunn, Ellen	Berthoud, Colo.
Duray, Lucy	Denver, Colo.
Dyer, Mrs. Bula A.	Denver, Colo.
Eadie, Isabel P.	Colorado Springs, Colo.
Early, Lucile	Greeley, Colo.
Earle, John	Evans, Colo.
Eaton, G. Glenn	Denver, Colo.
Eberhart, Bernice	Berthoud, Colo.
Eberhart, Helen	Berthoud, Colo.
Eddy, Grace	Clear Lake, Iowa
Edwards, Mrs. H. R.	Greeley, Colo.
Edwards, Ruth	Greeley, Colo.
Elam, Fern	Greeley, Colo.
Elisha, Lila	Aspen, Colo.
Ellis, Crystal	Greeley, Colo.
Ellsworth, Harriet	Denver, Colo.
Engelke, Edna	Sidney, Iowa
Ennes, Harold	Greeley, Colo.
Enright, Joe	Greeley, Colo.
Eppich, Eudora K.	Denver, Colo.
Erickson, Agnes M.	Ouray, Colo.
Eriksen, Julia	Aspen, Colo.
Evans, Anna	Coal Creek, Colo.
Evans, Dave	Greeley, Colo.
Evans, Maude A.	Holyoke, Colo.
Everett, Myra	Colorado Springs, Colo.
Eversman, Alice G.	Julesburg, Colo.
Ewing, Cora	Greeley, Colo.
Ewing, Edessa M.	Ft. Lupton, Colo.
Fagerberg, Agnes	Greeley, Colo.
Faivre, Hazel	Boulder, Colo.
Fannan, Bessie	Denver, Colo.
Farley, Marcella	Pueblo, Colo.
Farmer, Reatha	Greeley, Colo.
Farney, Christine	Karval, Colo.
Farnworth, Maude M.	Greeley, Colo.
Farnworth, N. C.	Greeley, Colo.
Farrell, Frances	Aurora, Colo.
Fedde, Martha	Fowler, Colo.
Felgar, Nellie	Ft. Madison, Iowa
Ferguson, Dollie	Florence, Colo.
Ferris, Queenie C.	Vona, Colo.
Fiedler, Hattie	Greeley, Colo.
Fiedler, Mary	Greeley, Colo.
Filkins, Grade C.	Greeley, Colo.
Finley, Winona	Greeley, Colo.
Fisher, Dorothy	Greeley, Colo.
Fitzmorris, Clark S.	Greeley, Colo.
Fitzmorris, George D.	Greeley, Colo.
Fitzmorris, Myra J.	Greeley, Colo.
Fitzgerel, John H.	Georgetown, Ky.
Flynn, Mildred	Rifle, Colo.
Ford, Elizabeth	Fountain, Colo.
Forward, Grace	Greeley, Colo.
Franklin, Edith	Greeley, Colo.
Frasier, Maybelle	Montrose, Colo.
Freeman, Loraine	Alamosa, Colo.
Frazier, Irene	Denver, Colo.
Fuqua, S. Elizabeth	Greeley, Colo.
Furze, Mary	Lead, S. Dak.

Gable, Dorothy	Rifle, Colo.
Gahagan, Lorraine	Pueblo, Colo.
Galt, Ruth A.	Hazel Center, Texas
Gammill, Homer	Simla, Colo.
Gardner, Ellen	Paonia, Colo.
Gardner, Lucile	Denver, Colo.
Gardner, Janice M.	Denver, Colo.
Garrison, Aleda	Churchill, Idaho
Garrison, Ethel	Churchill, Idaho
Garrison, Lloyd A.	Churchill, Idaho
Garrison, Winnie	Merino, Colo.
Gentry, Pauline Trezise	Boulder, Colo.
Garteisen, Bertha B.	Alamosa, Colo.
Ghrist, Beulah	Evans, Colo.
Glafcke, Catherine	Greeley, Colo.
Glase, Gladys	La Junta, Colo.
Glassburn, Vera	Exeter, Nebr.
Glenn, Lottie	Greeley, Colo.
Glenn, Myra E.	Denver, Colo.
Goeminer, George Adolph	La Veta, Colo.
Goerl, Josephine	Clarks, Nebr.
Goff, Mildred	Monte Vista, Colo.
Gormley, Kathryn	Windsor, Colo.
Goselin, Nellie M.	Greeley, Colo.
Graham, Mrs. Bess	Eaton, Colo.
Grandall, Edith	Boulder, Colo.
Grant, Kenneth (Mrs.)	Greeley, Colo.
Grant, Ruth	Rockvale, Colo.
Greek, Blanche Marie	Greeley, Colo.
Green, H. E.	Greeley, Colo.
Green, Ida H.	Ft. Worth, Texas
Greene, W. M.	Ft. Worth, Texas
Greenacre, Mrs. Carolyn	Greeley, Colo.
Greer, Lois	Greeley, Colo.
Griess, Gertrude	Denver, Colo.
Griffin, Jessie	Denver, Colo.
Griffing, S. Elizabeth	Ft. Morgan, Colo.
Griffith, Gladys A.	Ft. Collins, Colo.
Griffith, Lucile	La Junta, Colo.
Griffith, Mrs. Mary	Greeley, Colo.
Grothe, Jessie	Cripple Creek, Colo.
Grove, Manford	Greeley, Colo.
Guillet, Mary Agnes	Mancos, Colo.
Guyman, Margaret	Mancos, Colo.
Haeseler, Gretchen	Denver, Colo.
Hagglund, Viola	Greeley, Colo.
Hall, Ila	Greeley, Colo.
Hall, Robert Taylor	Greeley, Colo.
Hallaran, May	Ft. Worth, Texas
Hamilton, Margery	Pierce, Colo.
Hamilton, Nadine	Denver, Colo.
Hamilton, Grace	Agra, Kans.
Hanson, Linnea	Aspen, Colo.
Harbaugh, Mildred	Greeley, Colo.
Harmer, Neil	Greeley, Colo.
Harmer, Mrs. W. W.	Greeley, Colo.
Harmon, Ralph M.	Chivington, Colo.
Harmsworth, Carrie	Las Animas, Colo.
Harper, Jeff	Greeley, Colo.
Harper, J. Merl	Greeley, Colo.
Harrington, Genevieve	La Salle, Colo.
Harris, Grace	Colorado Springs, Colo.
Harris, Mabel	Louisville, Colo.
Harris, Miriam	Denver, Colo.
Hartwich, Alta	Fountain, Colo.
Harvoka, Alice	Evanston, Wyo.
Haslip, Eva M.	Arvada, Colo.
Hatch, Mrs. Ethel W.	Greeley, Colo.
Hathaway, Edith	Greeley, Colo.
Hause, Alice May	Ft. Lupton, Colo.
Hayes, Oleva	Denver, Colo.
Hayes, Elizabeth	Denver, Colo.
Hayes, Nellie D.	Greeley, Colo.
Heathe, Mrs. Billie	Greeley, Colo.
Heckert, Mabel	Olathe, Colo.
Hegener, Alice R.	Colorado Springs, Colo.
Heidelberger, Alice	Ft. Collins, Colo.
Hendricks, Constance Elaine	Burlington, Colo.

Herndon, Marie .....	Deora, Colo.
Herfurth, Alma .....	Fremont, Nebr.
Hewes, George .....	Des Moines, Iowa
Hibbs, Ramona Sayers .....	Greeley, Colo.
Hickman, Elberta .....	Denver, Colo.
Hickman, Florence .....	Denver, Colo.
Higgins, Ada .....	Pueblo, Colo.
Hill, George A. ....	Greeley, Colo.
Hinman, Alice L. ....	Trinidad, Colo.
Hirota D. ....	Tokio, Japan
Hoburg, Clara .....	Eaton, Colo.
Hockenberger, Avalon .....	Woodrow, Wash.
Hockett, Arta .....	Gypsum, Colo.
Hoeffler, Margaret .....	Denver, Colo.
Hoffman, Phillis .....	Denver, Colo.
Hogan, Mary C. ....	Denver, Colo.
Holderness, Amy .....	Hayden, Colo.
Holderness, Evelyn .....	Hayden, Colo.
Hooper, Frances .....	Denver, Colo.
Hooven, Dorothy I. ....	Denver, Colo.
Hopkins, Emma Jane .....	Windsor, Colo.
Hopper, Lucile .....	Bayfield, Colo.
Hopper, William Riley .....	Manzanola, Colo.
Horn, Dorothy .....	Colorado Springs, Colo.
Horn, Virginia .....	Pueblo, Colo.
Hotchkiss, Mildred .....	Montrose, Colo.
Howard, Edna E. ....	Ft. Collins, Colo.
Howard, Frances .....	Ft. Collins, Colo.
Howe, Vera M. ....	Troublesome, Colo.
Howlett, Virginia .....	Delta, Colo.
Hubbell, Ray .....	Denver, Colo.
Huey, Edith .....	Denver, Colo.
Hughes, Effie .....	Denver, Colo.
Hughes, Margaret .....	Greeley, Colo.
Humberd, Enola (Mrs.) .....	Holcomb, Kans.
Humble, Mary F. ....	Trinidad, Colo.
Hunter, Mary S. ....	Greeley, Colo.
Huston, Helen .....	Loveland, Colo.
Hutchinson, Emma .....	Colorado Springs, Colo.
Hutchens, Mayme .....	Longmont, Colo.
Ickis, Katherine .....	Colorado Springs, Colo.
Isbel, Mrs. H. J. ....	Greeley, Colo.
Iubatti, Filomena .....	Canon City, Colo.
Jackson, Harry P. ....	Eads, Colo.
Jacobs, Glenn .....	Greeley, Colo.
Jacobson, Mabel .....	Greeley, Colo.
Jacobson, Madeline L. ....	Sioux Rapids, Iowa
Jacobson, Mrs. Ruth .....	Quincy, Ill.
James, Leota .....	Greeley, Colo.
James, Joe .....	Greeley, Colo.
James, Rebecca .....	Longmont, Colo.
Jansson, Myra .....	Colorado Springs, Colo.
Jarrett, Murietta .....	Libertyville, Colo.
Jay, Hazel .....	La Salle, Colo.
Jean, Mabel H. ....	Greeley, Colo.
Jenicek, Henry .....	Johnstown, Colo.
Jenkins, Grade .....	Greeley, Colo.
Jenkins, Isabel B. ....	Colorado Springs, Colo.
Jenkins, Ralph D. ....	Willisburg, Ky.
Jensen, Anna Marie .....	Pueblo, Colo.
Jewell, Mina .....	Canon City, Colo.
Job, Cecilia .....	Rockvale, Colo.
Johanning, Emma .....	Denver, Colo.
Johnson, Axella .....	Greeley, Colo.
Johnson, Elmer L. ....	Greeley, Colo.
Johnson, Mrs. Elsie .....	Greeley, Colo.
Johnson, Geneva .....	Greeley, Colo.
Johnson, Ebba .....	Greeley, Colo.
Johnson, Ella .....	Canon City, Colo.
Johnson, Recter W. ....	Greeley, Colo.
Johnson, Ruth B. ....	Ft. Morgan, Colo.
Johnson, Sophia H. ....	Greeley, Colo.
Johnson, Verna .....	Greeley, Colo.
Johnston, Helen .....	Ft. Morgan, Colo.
Johnson, James L. ....	Greeley, Colo.
Johnston, Lucile .....	Edgewater, Colo.
Jones, Alice .....	Greeley, Colo.

Jones, A. R. .... Greeley, Colo.  
 Jones, Ella ..... Greeley, Colo.  
 Jones, Alys ..... Dacona, Colo.  
 Jones, Miriam H. .... Beatrice, Nebr.  
 Joppa, Florence ..... Hillrose, Colo.  
 Justice, Esther ..... Greeley, Colo.

Kable, Dorothy ..... Thatcher, Colo.  
 Kane, Blanche ..... Primero, Colo.  
 Kearnes, Wm. E. .... Boulder, Colo.  
 Keller, Helen ..... Council Bluffs, Iowa  
 Kelly, Ruth ..... Greeley, Colo.  
 Kamink, Gertrude ..... Denver, Colo.  
 Kemp, Mabel ..... Colorado Springs, Colo.  
 Kenley, Mrs. Lester W. .... Greeley, Colo.  
 Kennedy, Alberta ..... Scotts Bluff, Nebr.  
 Kennedy, Catherine ..... Otis, Colo.  
 Kennedy, Dorothy ..... Platteville, Colo.  
 Kennedy, Harry S. .... Greeley, Colo.  
 Kennedy, James S. .... Greeley, Colo.  
 Kennedy, Royce ..... Douglas, Ariz.  
 Kennedy, Lyrra H. .... Pueblo, Colo.  
 Kersey, Veda ..... Greeley, Colo.  
 Kiff, Glenn P. .... Greeley, Colo.  
 Kight, Grace A. .... Greeley, Colo.  
 Kinsey, Ethel M. .... Hayden, Colo.  
 King, Bernice ..... Denver, Colo.  
 King, Floyd ..... Greeley, Colo.  
 King, Martha ..... Littleton, Colo.  
 King, Verna B. .... Colorado Springs, Colo.  
 Kingsbury, Kathleen ..... Greeley, Colo.  
 Kinney, Mary L. .... Denver, Colo.  
 Kirkman, Ruth ..... Brighton, Colo.  
 Kirwan, Dora ..... Greeley, Colo.  
 Kirwan, Ida ..... Greeley, Colo.  
 Kittle, Katherine Jane ..... Greeley, Colo.  
 Klee, Eva M. .... Denver, Colo.  
 Klein, Dorothy ..... Denver, Colo.  
 Knecht, Amanda ..... Greeley, Colo.  
 Knies, Ruth E. .... Flagler, Colo.  
 Knies, W. L. .... Flagler, Colo.  
 Kohl, Kenneth I. .... Greeley, Colo.  
 Kohlman, Mattie ..... Vernon, Colo.  
 Kurtz, Charles ..... Greeley, Colo.  
 Kussart, Grace J. .... Greeley, Colo.  
 Kyle, Blanche ..... Evans, Colo.

Lahart, Virgil ..... Sedgwick, Colo.  
 Lahman, Lula ..... Greeley, Colo.  
 Lambright, Frances ..... Las Animas, Colo.  
 Lance, Mary Alice ..... Greeley, Colo.  
 Larson, Roland ..... Greeley, Colo.  
 Lawrence, Alice ..... Greeley, Colo.  
 Lawrence, A. W. .... Greeley, Colo.  
 Lawrence, Arthur E. .... Greeley, Colo.  
 Laybourn, Ruth ..... Windsor, Colo.  
 Leach, Thelma ..... Pueblo, Colo.  
 Leathers, Ruth ..... Grover, Colo.  
 Leggett, Arlene ..... Colorado Springs, Colo.  
 Lester, Inez ..... Chickasha, Okla.  
 Levine, Ruth ..... Wheatridge, Colo.  
 Lewis, Georgena ..... Denver, Colo.  
 Lewis, Myrtle ..... Greeley, Colo.  
 Lewis, Maurice Ione ..... Greeley, Colo.  
 Light, Alice M. .... Central City, Colo.  
 Lind, Jennie ..... Stromberg, Nebr.  
 Lind, Lucile ..... Greeley, Colo.  
 Lindsay, Mary E. .... Denver, Colo.  
 Linneer, Alice M. .... Canon City, Colo.  
 Linneer, Anna B. .... Canon City, Colo.  
 Locke, Isabelle H. .... Hartsell, Colo.  
 Lockhart, Bruce M. .... Greeley, Colo.  
 Long, Alice Gertrude ..... Greeley, Colo.  
 Long, Erma Pearl ..... Colorado Springs, Colo.  
 Long, Helen Marie ..... Oak Creek, Colo.  
 Long, Mavme A. .... Gypsum, Colo.  
 Long, Ted ..... Greeley, Colo.  
 Lorimer, Mae ..... Hotchkiss, Colo.  
 Love, Madeline ..... Niwot, Colo.

Lucore, Josephine .....	Flagler, Colo.
Lundberg, Ruth .....	Hardin, Colo.
Lutener, Blanche .....	Berthoud, Colo.
Lutener, Freda .....	Berthoud, Colo.
Luther, Albert .....	Greeley, Colo.
Luther, Lawton .....	Greeley, Colo.
Lyford, Genevieve .....	Greeley, Colo.
Lynch, Lura .....	Lamar, Colo.
Lyndon, Katherine .....	Ft. Collins, Colo.
Lynn, Hazel .....	Greeley, Colo.
Lytle, A. W. ....	Greeley, Colo.
McAllister, Marjorie .....	Greeley, Colo.
McCampbell, Marion .....	Pueblo, Colo.
McCarroll, Lillian .....	Denver, Colo.
McCarty, Agnes .....	Ft. Collins, Colo.
McClelland, Eleanor .....	Greeley, Colo.
McConnell, Esther .....	Colorado Springs, Colo.
McCorkle, Lois E. ....	Superior, Nebr.
McCoy, Dorothy .....	Loveland, Colo.
McCune, Ruth .....	Greeley, Colo.
McDermott, Edith .....	Denver, Colo.
McEwen, Louise .....	Holyoke, Colo.
McFarland, Baraba .....	Denver, Colo.
McGlenn, Louise .....	Windsor, Colo.
McGlenn, Nellie .....	Windsor, Colo.
McGroarty, Margaret .....	Denver, Colo.
McIlvaney, Isabel M. ....	Canon City, Colo.
McIntosh, C. A. ....	Greeley, Colo.
McIntosh, Lillian (Mrs.) .....	Greeley, Colo.
McKee, Genevieve .....	Denver, Colo.
McKinstry, Kenneth .....	Greeley, Colo.
McLean, Elizabeth .....	Denver, Colo.
McLean, Gladys .....	Lamar, Colo.
McLean, Syble .....	Pierce, Colo.
McNeal, Imogene .....	Kersey, Colo.
McNeill, Lizetta Mae .....	Loup City, Nebr.
McNew, Ruth .....	Greeley, Colo.
McPherson, Phoebe .....	Denver, Colo.
McPherson, Jeanette .....	Greeley, Colo.
McRae, Margaret .....	Casper, Wyo.
McRae, Ruth .....	Casper, Wyo.
McVey, Phillip .....	Adena, Colo.
Mabon, Cornelia .....	Greeley, Colo.
Macaulay, Vivian .....	Red Cliff, Colo.
MacGinnis, Lorna .....	Buena Vista, Colo.
Mackie, Ellen (Mrs.) .....	Timnath, Colo.
MacLeod, Bruce .....	Greeley, Colo.
Mallory, Earl .....	Greeley, Colo.
Malley, Helen .....	Don Luis, Ariz.
Malley, Margaret .....	Don Luis, Ariz.
Malmberg, Hilda .....	Alamosa, Colo.
Malone, Leota .....	Denver, Colo.
Manhart, Bessie F. ....	Castle Rock, Colo.
Marble, Inez .....	Monte Vista, Colo.
Markley, Anna .....	Delta, Colo.
Marley, Margaret E. ....	Aurora, Colo.
Marsh, Alma .....	Greeley, Colo.
Marsh, Jean .....	Greeley, Colo.
Martin, Edith .....	Sidney, Nebr.
Martin, Nellie .....	Greeley, Colo.
Mashburn, Chas. ....	Greeley, Colo.
Mason, Maude M. ....	N. Plymouth, Idaho
Mason, Zelpha .....	Breckenridge, Colo.
Masters, Marjorie .....	Colorado Springs, Colo.
Mathews, Martha .....	Towner, Colo.
Mathews, Claire M. ....	Towner, Colo.
Mathewson, Mabel K. ....	Aurora, Colo.
Matson, Morris .....	Greeley, Colo.
Mauk, Elizabeth .....	Greeley, Colo.
Maxville, Anne .....	Paonia, Colo.
Mayer, Kathryn .....	Greeley, Colo.
Mayer, Lena .....	Greeley, Colo.
Mayhoffer, Marie .....	Sedalia, Colo.
Meeker, Bernice .....	Greeley, Colo.
Mefford, Grace .....	Ft. Collins, Colo.
Mehl, Martha .....	Padroni, Colo.
Meeker, Erma .....	Simla, Co'o.
Melvin, Marguerite Ailene .....	Greenfield, Ill.
Menagh, Reva L. ....	Greeley, Colo.

Menefee, Ray .....	Greeley, Colo.
Merriman, Zilpha .....	Greeley, Colo.
Meyer, Hazel .....	Lodgepole, Nebr.
Meyers, Alberta .....	Portland, Colo.
Micke, Harry .....	Nebr.
Miles, Mildred .....	Livermore, Colo.
Miller, Clara Margaret .....	Layafette, Colo.
Miller, Florence .....	Greeley, Colo.
Miller, Frances J. ....	Bridgeport, Nebr.
Miller, Marguerite .....	Greeley, Colo.
Miller, Mildred .....	Berthoud, Colo.
Miller, Myrtle R. ....	Canon City, Colo.
Miller, John .....	Greeley, Colo.
Miller, Vandella .....	Elizabeth, Colo.
Miller, Waldo S. ....	Waltham, Mass
Milley, Harriett M. ....	Greeley, Colo.
Milliken, Martha .....	La Junta, Colo.
Mills, Rhoda Mary .....	Wauwatosa, Wisc.
Milner, Eva .....	Florence, Colo.
Miner, Mrs. George .....	Platteville, Colo.
Miner, George .....	Platteville, Colo.
Minton, Chester George .....	Greeley, Colo.
Mitchell, Erdeena .....	Sterling, Colo.
Mitchell, Maude .....	Florence, Colo.
Mitchell, Roger Q. ....	Sterling, Colo.
Mix, Lucille .....	Denver, Colo.
Mix, Marguerite .....	Denver, Colo.
Mock, Jessie .....	Wellington, Colo.
Moninger, Zella .....	Burns, Colo.
Moon, Edith .....	Greeley, Colo.
Moosdorf, Milton .....	Greeley, Colo.
Morgan, Reah La Veta .....	Simla, Colo.
Morris, Dorothy .....	Johnstown, Colo.
Morris, Everett .....	Greeley, Colo.
Morris, Ingo F. ....	Denver, Colo.
Morris, Lola .....	Simla, Colo.
Morrison, Mrs. W. F. ....	Greeley, Colo.
Morse, Bernice .....	Greeley, Colo.
Morton, Jessie E. ....	Creede, Colo.
Moser, Mabel Geraldine .....	Trinidad, Colo.
Mount, Mabel B. ....	Greeley, Colo.
Mowbray, Hazel .....	Denver, Colo.
Muckler, Marian .....	Arriba, Colo.
Muench, Alma .....	Perryville, Mo.
Mulford, Charles F. ....	Greeley, Colo.
Murphy, Anna (Mrs.) .....	Greeley, Colo.
Murphy, Delphine .....	Greeley, Colo.
Nagel, Rosalie .....	Windsor, Colo.
Naylor, Bernice .....	Pueblo, Colo.
Neal, Paul Leslie .....	Waltham, Mass.
Neff, James F. ....	Colorado Springs, Colo.
Nelson, Gladys M. ....	Lucerne, Colo.
Nelson, Helen P. ....	Pueblo, Colo.
Nelson, Laura K. ....	Ft. Lupton, Colo.
Nesbit, Mrs. Ulah .....	Denver, Colo.
Neutze, Mrs. John .....	Greeley, Colo.
Newell, Vera B. ....	Ft. Madison, Iowa
Newkirk, Ruby .....	Brighton, Colo.
Newton, Helen .....	Arvada, Colo.
Nicholson, M. Inez .....	Arvada, Colo.
Nightingale, May E. ....	Denver, Colo.
Nims, Eleanor .....	Greeley, Colo.
Nolte, Esther .....	Greeley, Colo.
Norris, Zoe .....	Shenandoah, Iowa
Norris, Ailene .....	Denver, Colo.
Norris, Flora .....	Des Moines, Iowa
Nussbaum, Agnes S. ....	Greeley, Colo.
Nygren, Margaret J. ....	Denver, Colo.
Oakleaf, Irene Helga .....	Pueblo, Colo.
Oates, Leona .....	Creede, Colo.
Oberding, Marie .....	Louisville, Colo.
O'Bryan, Sylvia .....	Fruita, Colo.
Ogle, Opal .....	Mancos, Colo.
O'Kelly, Kathleen .....	Telluride, Colo.
Old, Ellen .....	Greeley, Colo.
Oldham, Grace .....	La Salle, Colo.
Oldham, Juanita .....	Walsenberg, Colo.

Oliver, Victor V.	Greeley, Colo.
O'Neill, Emma P.	Vona, Colo.
Onstine, Daniel	Greeley, Colo.
Osborne, Frances C.	E. Syracuse, N. Y.
Ostergaard, Mary	San Acacio, Colo.
Ostling, June Lillian	Greeley, Colo.
Otteman, Dorothy L.	Athol, Kans.
Ott, Mary	Denver, Colo.
Outapalik, Veola	Greeley, Colo.
Owen, Bernice A.	Miami, Okla.
Owen, Minnie Grace	Walsenburg, Colo.

Packard, Mrs. Lillian	Denver, Colo.
Padgett, Ada	Rocky Ford, Colo.
Page, Ione	Greeley, Colo.
Parker, Claire	Grover, Colo.
Parker, Mrs. Almina R.	Greeley, Colo.
Palmer, Esther R.	Greeley, Colo.
Parlasco, Betty	Plymouth, Ill.
Parsons, Marcella	Denver, Colo.
Patterson, Dale	Greeley, Colo.
Patterson, Lucile	Greeley, Colo.
Patterson, Lulu M.	Nampa, Idaho
Pauli, Alice	Fowler, Colo.
Payne, Sibyl L.	Longmont, Colo.
Payne, Ilah	Longmont, Co'o.
Pearcy, Marguerite	Longmont, Colo.
Peckham, Dr. Herbert	Greeley, Colo.
Pederson, Louise	Pueblo, Colo.
Penrose, Ellen	Greeley, Colo.
Pepper, Jennie	Fruita, Colo.
Perry, Kenneth	Ft. Lupton, Colo.
Pettyfish, Amy	Bethune, Colo.
Peters, Dorothy	Greeley, Colo.
Peterson, Carrie	Denver, Colo.
Peterson, Evelyn	Julesburg, Colo.
Peterson, Mrs. Harvey	Walsenburg, Colo.
Peyton, Margaret	Greeley, Colo.
Pfenninger, Harriette	Haxtun, Colo.
Phelps, Jennie C.	Greeley, Colo.
Phelps, Chester H.	Greeley, Colo.
Phippeny, Mary	Evans, Colo.
Pierce, Mila S.	Denver, Colo.
Piper, Lester	Greeley, Colo.
Poe, Maurice	Greeley, Colo.
Pogue, Pauline	Greeley, Colo.
Poliak, Bessie	Trinidad, Colo.
Posten, Constance	Longmont, Colo.
Potthoff, Ella	Antonito, Colo.
Powers, Johanna	Victor, Colo.
Prescott, Mrs. Margaret K.	Greeley, Colo.
Priddy, Mildred	Pierce, Colo.
Pronger, Mary	Denver, Colo.
Pruitt, Coy C.	Birdseye, Ind.
Prunty, Leuty	Greeley, Colo.
Pferdesteller, Elizabeth	Denver, Colo.

Quick, Florence Ruby	Greeley, Colo.
Quinn, Mary J.	Durango, Colo.
Quirk, Anna	Denver, Colo.
Quillitch, Constance	Trinidad, Colo.

Rackley, Clara Grace	Alva, Okla.
Rathburn, Hazel L.	Greeley, Colo.
Ray, Nellie	Wiley, Colo.
Raymond, J. Walker	Manzanola, Colo.
Rae, Gretchen	Greeley, Colo.
Reed, Frances	Humboldt, Iowa
Reeder, Dwight W.	Greeley, Colo.
Reeder, Wm. H.	Greeley, Colo.
Reid, Effie Walker	Greeley, Colo.
Reinhold, Edith	Denver, Colo.
Rella, Avelina	Telluride, Colo.
Rees, Jennie	Colorado Springs, Colo.
Reeves, Mrs. Florence	Sterling, Colo.
Rhea, Alda	Colorado Springs, Colo.
Rice, Mrs. Maude R.	Limon, Colo.
Richard, Edwin	Calhan, Colo.



Richards, Mabel Helen .....	Denver, Colo.
Riley, Mrs. Alfred .....	Greeley, Colo.
Riley, Margaret .....	Greeley, Colo.
Rishel, Virginia .....	Greeley, Colo.
Roberts, Elmer C. ....	Greeley, Colo.
Roberts, Katherine .....	Denver, Colo.
Robinson, Loretta .....	Pueblo, Colo.
Rocchio, Jennie .....	Rockvale, Colo.
Rocci, Barbara .....	Canon City, Colo.
Roesner, Hedwig E. ....	Moline, Ill.
Radeffer, Edgar .....	Greeley, Colo.
Rogers, Irene Haggott .....	Greeley, Colo.
Rollins, Charles E. ....	Greeley, Colo.
Romons, Helen .....	Kersey, Colo.
Rooney, Margaret L. ....	Denver, Colo.
Rosenblum, Mrs. Beulah .....	Louisville, Colo.
Ross, Eunice .....	Denver, Colo.
Ross, Otis .....	Otis, Colo.
Ruehle, Martha .....	Denver, Colo.
Rundell, Geraldine .....	Newberg, Ore.
Rush, Mary O. ....	Yuma, Colo.
Rusk, Fairy Dell .....	Greeley, Colo.
Ruth, Mabel .....	Greeley, Colo.
Ruvola, Mary .....	Trinidad, Colo.
Ryan, Ellen T. ....	Great Falls, Mont.

Sallman, Ruth .....	Mesita, Colo.
Sample, Ivan .....	Greeley, Colo.
Sample, Mrs. Ivan .....	Greeley, Colo.
Sanderson, Margaret S. ....	Aguilar, Colo.
Sanstead, Floyd W. ....	Willard, Colo.
Saulcy, Esther .....	Hillrose, Colo.
Scatterday, Alberta .....	Greeley, Colo.
Schaefer, May Belle .....	Greeley, Colo.
Schaefer, Mildred .....	Greeley, Colo.
Schenck, Fern .....	Greeley, Colo.
Schick, Della (Mrs.) .....	Denver, Colo.
Schikowsky, Alma .....	Greeley, Colo.
Schillinger, Esther .....	Denver, Colo.
Schlessinger, Estelle .....	Greeley, Colo.
Schlosser, Reinard .....	Eads, Colo.
Schmalbeck, Lee .....	Denver, Colo.
Schoe, Luella W. ....	Lincoln, Ill.
Schonauer, Florence .....	Greeley, Colo.
Schrifer, Mary .....	Greeley, Colo.
Schroeder, Emma .....	Greeley, Colo.
Schroeder, Rose .....	Greeley, Colo.
Schuler, Dorothy .....	Wellington, Colo.
Schumaker, Ruth .....	Denver, Colo.
Schwyhart, Helen (Mrs.) .....	Greeley, Colo.
Scott, Olive .....	Greeley, Colo.
Seaman, Ruth .....	Greeley, Colo.
Sears, Loreda .....	Greeley, Colo.
Seastrand, Agnes .....	Greeley, Colo.
Seastrand, Edna .....	Greeley, Colo.
Seastrand, Ruth .....	Greeley, Colo.
Seitz, Oscar .....	Salina, Kans.
Selberg, Edith .....	Greeley, Colo.
Seymour, Elizabeth G. ....	Denver, Colo.
Shady, Melra G. ....	Colorado Springs, Colo.
Shaffer, Edna .....	Greeley, Colo.
Shane, Blanche M. ....	Platteville, Colo.
Shane, Lillie M. ....	Akron, Colo.
Shank, Hazel Frances .....	Fruita, Colo.
Shaw, Nathalie .....	Greeley, Colo.
Shellabarger, Ruth E. ....	Castle Rock, Colo.
Sheesley, Ethel Marie .....	Colorado Springs, Colo.
Shepardson, Margaret .....	Ft. Collins, Colo.
Shepherd, Ada .....	Montrose, Colo.
Sherwood, Eloise M. ....	Carbondale, Colo.
Sherwood, Stella N. ....	Carbondale, Colo.
Shields, Mildred .....	Greeley, Colo.
Shilton, Olga .....	Mancos, Colo.
Sholty, Maude .....	Loveland, Colo.
Shoop, Claryce .....	Arvada, Colo.
Showers, Ada B. ....	Zanesville, Ohio
Sickles, Iola .....	Hillrose, Colo.
Sickenberger, Mildred .....	Manzanola, Colo.
Simpson, Bernice .....	La Junta, Colo.

Sims, Clay .....	Simla, Colo.
Simms, Nellie .....	Denver, Colo.
Sinclair, Katherine .....	Denver, Colo.
Singleton, Inez .....	Byers, Colo.
Skinner, Florence .....	Sterling, Colo.
Slaughter, Mrs. Olive .....	Rocky Ford, Colo.
Slover, Marjorie .....	Denver, Colo.
Smedley, Mariam .....	Edgewater, Colo.
Smilie, Dorothy .....	Greeley, Colo.
Smith, W. Anna .....	Las Animas, Colo.
Smith, Estella .....	Evans, Colo.
Smith, H. Marian .....	Denver, Colo.
Smith, Ione .....	Goldfield, Colo.
Smith, Lauretta C. ....	Berwind, Colo.
Smith, Lewis Oliver .....	Greeley, Colo.
Smith, Nellie M. ....	LaPorte, Colo.
Smith, Otis S. ....	Kimball, Nebr.
Smith, Ouita .....	Greeley, Colo.
Smith, Ruth .....	Denver, Colo.
Smith, Stanley L. ....	Greeley, Colo.
Smith, Marguerite .....	Greeley, Colo.
Smith, Marguerite V. ....	Denver, Colo.
Smith, Myrtle A. ....	Denver, Colo.
Smith, Viola .....	Arena, Colo.
Solt, Mildred .....	Ft. Morgan, Colo.
Songer, Myrtle .....	Wheatridge, Colo.
Spaid, Ruby .....	Simla, Colo.
Sparks, Edna .....	Simla, Colo.
Spencer, Grace .....	Denver, Colo.
Spencer, Helen .....	Denver, Colo.
Spencer, Verlin .....	Briggsdale, Colo.
Spires, Myrtle G. ....	Cheyenne, Wyo.
Sprague, Erna H. ....	Greeley, Colo.
Springer, Hannah Belle .....	Greeley, Colo.
Springer, Marian E. ....	Greeley, Colo.
Stadtherr, Florence .....	Gibbon, Minn.
Stanforth, Della L. ....	Denver, Colo.
Stanton, Ednabelle .....	Silver Plume, Colo.
Stanton, Ruth .....	Alliance, Nebr.
Stantz, Oona .....	Greeley, Colo.
Staver, Thelma .....	Boone, Colo.
Steele, Vera N. ....	Otis, Colo.
Steffens, Emma Lucile .....	Greeley, Colo.
Steidley, Mrs. May .....	Greeley, Colo.
Steidley, H. A. ....	Greeley, Colo.
Stephens, Alice G. ....	Scotts Bluff, Nebr.
Stephens, Bertha .....	Walsenburg, Colo.
Stevens, Mrs. Bertha .....	Greeley, Colo.
Stephens, Ruth .....	Harvard, Nebr.
Stewart, Agnes .....	Denver, Colo.
Stewart, Ruby .....	Manchester, Iowa
Stevens, C. E. ....	Greeley, Colo.
Stevens, Ellen .....	Denver, Colo.
Stevenson, Jessica .....	Greeley, Colo.
Stewart, Faith .....	Haswell, Colo.
Stillwell, Leora .....	LaSalle, Colo.
Stillwell, Seeley .....	Unadilla, Nebr.
Stimson, Katherine .....	Greeley, Colo.
Stocking, Delia E. ....	Wahoo, Nebr.
Stone, Mrs. A. M. ....	Greeley, Colo.
Stone, Esther .....	Greeley, Colo.
Stone, Margaret E. ....	Greeley, Colo.
Stratton, Thelma .....	Denver, Colo.
Strickland, Warren L. ....	Gordon, Nebr.
Strong, Ralph .....	Arvada, Colo.
Struck, Hildred .....	Greeley, Colo.
Struthers, Christine .....	Sioux City, Iowa
Stewart, Gladys M. ....	Delagua, Colo.
Sullivan, Ralph E. ....	Paonia, Colo.
Sumner, Ruth .....	Canon City, Colo.
Sutener, Blanche .....	Greeley, Colo.
Sutley, Thelma L. ....	Berthoud, Colo.
Swanson, Mabel J. ....	Center, Colo.
Sweeney, Hattie .....	Colorado Springs, Colo.
Swope, Esther .....	Greeley, Colo.
	Greeley, Colo.
Tavanner, Mary E. ....	Berthoud, Colo.
Taylor, Ethel .....	Pictou, Colo.
Taylor, Grace .....	Telluride, Colo.
Taylor, Isabel .....	Denver, Colo.

Teel, Reva .....	Denver, Colo.
Templeman, Alma .....	Berthoud, Colo.
Tew, E. Rishel .....	Greeley, Colo.
Thaxton, Ruth .....	Mason, Texas
Thimmig, Helen .....	Wellington, Colo.
Thomas, Esther .....	Frederick, Colo.
Thomas, Jessie .....	Greeley, Colo.
Thomas, Thelma T. ....	Pueblo, Colo.
Thomason, Emma .....	Quincy, Ill.
Thompson, Harry .....	Greeley, Colo.
Thompson, Louisa .....	Durango, Colo.
Thorne, Helen .....	Walsenburg, Colo.
Tidball, Dorothy N. ....	Boulder, Colo.
Timothy, Greeley .....	Greeley, Colo.
Tisdell, Dorothy Jayne ..	Sunbeam, Colo.
Tocci, Elizabeth .....	Denver, Colo.
Tollefson, Ruby .....	Longmont, Colo.
Tope, Lena .....	Greeley, Colo.
Toffler, Grace A. (Mrs.) ..	Greeley, Colo.
Towne, Doris Violet .....	Castle Rock, Colo.
Townley, Mrs. Nellie Hard	Longmont, Colo.
Tripp, Harley P. ....	La Junta, Colo.
Trolan, Anna .....	Denver, Colo.
Trueman, Audrey Cleo .....	Greeley, Colo.
Trueman, Pearl .....	Greeley, Colo.
Tschudy, Grace G. ....	Castle Rock, Colo.
Tucker, Margaret .....	Colorado Springs, Colo.
Turpin, Jeanette .....	Colorado Springs, Colo.
Turner, Edith M. ....	Greeley, Colo.
Umstot, Mrs. R. M. ....	Denver, Colo.
Urie, Margaret .....	Greeley, Colo.
Van Bruggen, Anita .....	Maxwell, N. Mex.
Van Cleave, Helen .....	Atlanta, Ind.
Vaughan, Kenneth H. ....	Denver, Colo.
Vezetti, Josephine .....	Canon City, Colo.
Viestenz, Florence .....	Loveland, Colo.
Voake, Ruth Florence .....	Longmont, Colo.
Wadlow, Mary C. ....	Colorado Springs, Colo.
Wadsworth, John J. ....	Genoa, Colo.
Wager, Anne Lillian .....	Sleepy Eye, Minn.
Wagoner, Helen .....	Hillrose, Colo.
Wagner, Lena .....	Montrose, Colo.
Waldron, Shelton .....	Simla, Colo.
Waldo, Claude .....	Greeley, Colo.
Walker, Margaret C. ....	Denver, Colo.
Wallace, Mrs. A. Mae .....	Greeley, Colo.
Wallace, Cecil .....	Alamosa, Colo.
Wallace, Norma .....	Greeley, Colo.
Walrod, Audrey .....	Lead, S. Dak.
Walsworth, Lutie .....	Greeley, Colo.
Walter, Helen .....	Greeley, Colo.
Ward, Alice T. ....	Denver, Colo.
Ward, E. L. ....	Greeley, Colo.
Ward, Hilda .....	Lyons, Colo.
Warner, Edris Mildred .....	Denver, Colo.
Warner, Bessie .....	Fowler, Colo.
Warren, Lucile .....	Kersey, Colo.
Watkins, Hazel .....	Difficulty, Wyo.
Watkins, Louise .....	Briggsdale, Colo.
Watson, Albert .....	Burlington, Colo.
Watts, Kathleen Elizabeth	Crowley, Colo.
Weatherbee, Pearl .....	Greeley, Colo.
Weathers, Nellie .....	Lawton, Okla.
Weakley, Ina .....	Greeley, Colo.
Weakley, Lena .....	Greeley, Colo.
Webster, Catherine .....	Ft. Collins, Colo.
Webber, Clarissa .....	Arvada, Colo.
Weiss, Raymond .....	Greeley, Colo.
Welsh, Lyda V. ....	Greeley, Colo.
Wellenkotter, Gladys .....	Brighton, Colo.
Wellington, Esther L. ....	Edwards, Colo.
Wellman, Elsie .....	Del Norte, Colo.
Wells, Gladdis .....	Evans, Colo.
Welsh, Millie Ann .....	Denver, Colo.
Wendelin, Frances .....	Denver, Colo.

Weseman, Ada .....	Austin, Minn.
Wheaton, Mary Frances .....	Greeley, Colo.
Wheeler, Alice .....	Denver, Colo.
Wheeler, Rollin .....	Abington, Ill.
White, Earl .....	Greeley, Colo.
White, Mrs. Mabel A. ....	Greeley, Colo.
White, Margaret .....	Fountain, Colo.
White, Harold .....	Colorado Springs, Colo.
Whitlow, Rispah .....	Greeley, Colo.
Whitten, Florence .....	Gill, Colo.
Whitman, Sarah .....	Wilson, Colo.
Wieks, Harry .....	Denver, Colo.
Wickett, Chester C. ....	Guilford, Maine
Weise, Dora A. ....	Omaha, Nebr.
Wieting, Erma R. ....	Kiel, Wisc.
Wiggins, Ruth .....	Longmont, Colo.
Wilkins, Darla .....	Durango, Colo.
Willerton, Mabel A. ....	Bellaire, Ohio
Williams, Gladys .....	Victor, Colo.
Williams, Mae .....	Wiley, Colo.
Williams, Mary .....	Greeley, Colo.
Williams, Roxana .....	Longmont, Colo.
Williams, Ruth .....	Greeley, Colo.
Williamson, Jessie E. ....	Greeley, Colo.
Wilson, John W. ....	Hazleton, Idaho
Wilcox, Isabel .....	Ft. Collins, Colo.
Wilson, Edith .....	Denver, Colo.
Wilson, Gladys .....	Colorado Springs, Colo.
Wilson, Kathryn .....	Denver, Colo.
Wimberly, Louise .....	Roswell, N. Mex.
Winans, Charlotte .....	Denver, Colo.
Windrum, Harve .....	Lindsay, Canada
Winger, Bert Z. ....	Colorado Springs, Colo.
Winkler, Pauline .....	Pierce, Colo.
Winner, Ethel .....	Durango, Colo.
Winthrop, Alice .....	Greeley, Colo.
Wiseman, Mrs. H. R. ....	Greeley, Colo.
Wood, Glenn B. ....	Greeley, Colo.
Wood, Ruth G. ....	Fort Morgan, Colo.
Wood, Howard .....	Greeley, Colo.
Wood, Louis .....	Greeley, Colo.
Wood, Virginia .....	Greeley, Colo.
Woodside, Claude W. ....	Canon City, Colo.
Woodward, Florence .....	Greeley, Colo.
Woodward, Alice .....	Denver, Colo.
Woodward, Ruth .....	Greeley, Colo.
Worm, Elsie .....	Greeley, Colo.
Wrathers, Mary .....	Fowler, Colo.
Wright, Jane .....	Lafayette, Colo.
Wrinkle, William L. ....	Hanna, Wyo.
Wulfekuhler, Anna L. ....	Greeley, Colo.
Wylie, Sara J. ....	Ft. Lupton, Colo.
.....	Platteville, Colo.
Yarbrough, Alyf B. ....	Garrison, Texas
Yarbrough, Bess Fay .....	Garrison, Texas
Yirsa, Barbara Worth .....	Watove, Okla.
Yirsa, Gertrude .....	Greeley, Colo.
Young, Eleanor .....	Denver, Colo.
Young, Leona .....	Greeley, Colo.
Yoxall, Edna M. ....	Atwood, Co. O.
Zeltman, Wm. Ralph .....	Greeley, Colo.

SCHOOL OF ADULTS

1922-1923

Ameter, Josephine	Jones, Sallie Lee
Bohannon, Kathryn	Kent, Myrtle
Briggs, Sadie	Lockhart, Neil M.
Brock, Edna	McRae, Grace
Davidson, Mebel	Mitchell, Gladys
de Boer, Canstance	Ohlson, Hannah
Dick, Edgar	Ohlson, Judith
Glenn, Una	Pearson, Lillie
Griffith, Mary L.	Redmond, Hulda
Gunsaul, Ruth	Remley, Boyd
Hileman, Mary L.	Roddy, Alice B.
Johansen, Flora	Triboulet, Emma
Johnston, Elma	Vondy, Pearl

EXTENSION ENROLLMENT

JUNE 1, 1922—MAY 1, 1923

GROUP PLAN

Adams, Mary L.	Denver, Colo.
Adams, Ella B.	Denver, Colo.
Adams, Ella	Englewood, Colo.
Adcock, Ethel	Galesburg, Ill.
Ailman, B. Agnes	Denver, Colo.
Allen, Alice B.	Chickasha, Okla.
Allen, Jane Gowan	Denver, Colo.
Allison, Lute	Sterling, Colo.
Allphin, Helen	Denver, Colo.
Allott, Bertha L.	Pueblo, Colo.
Althouse, Mrs. Inez	Pueblo, Colo.
Ambrose, Sister Rose	Trinidad, Colo.
Ammons, Isabella	Yampa, Colo.
Anderson, Edna	Denver, Colo.
Anderson, Grace	Ft. Collins, Colo.
Anderson, Mrs. W. E.	Greeley, Colo.
Andrew, Winona	Denver, Colo.
Anna, Sister Margaret	Denver, Colo.
Anthony, Hazel	Denver, Colo.
Anthony, Florine A.	Denver, Colo.
Antwerp, Sarah V.	Scott City, Kans.
Arnold, Ed Gene	Denver, Colo.
Arozene, Frances	El Paso, Texas
Ashley, Kate Wood	Denver, Colo.
Armour, Eva	Ft. Collins, Colo.
Atkins, Ruth	Pierce, Colo.
Austin, Muriel	Denver, Colo.
Bacon, Lucile	Denver, Colo.
Baker, W. E.	Englewood, Colo.
Baker, Zula	Pierce, Colo.
Barnett, Alma V.	Freemont, Nebr.
Biddinger, Lila E.	Pueblo, Colo.
Babcock, Grant (Mrs.)	Greeley, Colo.
Bock, Winifred	Ft. Collins, Colo.
Baerresen, Bertha	Denver, Colo.
Baerresen, Viola	Denver, Colo.
Baker, Augusta	Denver, Colo.
Baldwin, Mildred	Greeley, Colo.
Bales, Edna M.	Pueblo, Colo.
Bales, Elena	Denver, Colo.
Barbieri, R. Jennie	Denver, Colo.
Barbour, Flora	Denver, Colo.
Barker, Pearl	Kansas City, Mo.
Barnes, Abbie C.	St. Joseph, Mo.
Barney, Florence	Denver, Colo.
Barnholdt, Della	Ft. Collins, Colo.
Barnard, Sister Marie Fitzsimons	Denver, Colo.
Bartle, Marion	Ault, Colo.
Barton, Sue M.	Ft. Collins, Colo.
Bartley, Madge J.	Pueblo, Colo.
Bashor, Esta M.	Greeley, Colo.
Basquin, Olive S.	Laird, Colo.

Batchelder, Maevis .....	Grand Junction, Colo.
Bayer, Gladys .....	Georgetown, Texas
Beahm, L. L. ....	Grand Junction, Colo.
Beattie, J. F. ....	Grand Junction, Colo.
Beebe, Morna .....	Ft. Collins, Colo.
Beck, William L. ....	Denver, Colo.
Bellmar, Marie .....	Denver, Colo.
Bench, Ruth May .....	Pueblo, Colo.
Bentley, Eleanor .....	Waterloo, Iowa
Berger, Evangeline .....	Denver, Colo.
Berkowitz, Rose .....	Pueblo, Colo.
Berliner, Belle .....	Pueblo, Colo.
Bergstrand, Nellie .....	Denver, Colo.
Bettes, Laura .....	Denver, Colo.
Bell, Earl P. ....	Weldona, Colo.
Biggers, Helen .....	Norman, Okla.
Biggerstaff, Allen M. ....	Sterling, Colo.
Biggs, Nell S. ....	Denver, Colo.
Brown, Ruth Madge .....	Denver, Colo.
Black, Mrs. Claudia .....	Denver, Colo.
Blackmore, Mrs. Lizzie K. ....	Denver, Colo.
Blackwood, Jimmye .....	Greeley, Colo.
Blaisdell, Edith .....	Paola, Kans.
Blaine, W. D. ....	Grand Junction, Colo.
Block, Sister Marie Carmel .....	Denver, Colo.
Babo, Mildred .....	Denver, Colo.
Bodgley, Jessie E. ....	Kansas City, Mo.
Badgling, Cora E. ....	Kansas City, Mo.
Boggens, Estella .....	Denver, Colo.
Boge, Mabel E. ....	Denver, Colo.
Boge, Ethel D. ....	Denver, Colo.
Bohn, Nellie A. ....	Denver, Colo.
Rolles, Jeanette H. ....	Denver, Colo.
Bonham, Bonnie .....	Denver, Colo.
Bonham, Ruth Ann .....	Denver, Colo.
Bookwalter, Karl .....	Denver, Colo.
Boot, Ethel .....	Denver, Colo.
Boreing, Maude .....	Pueblo, Colo.
Boring, Bertha .....	Ft. Worth, Texas
Boswell, Fannie J. ....	La Junta, Colo.
Bannister, Chas. A. ....	Pueblo, Colo.
Bonton, M. E. ....	Yampa, Colo.
Bowdlear, C. L. ....	Denver, Colo.
Bowman, Atha .....	Ft. Worth, Texas
Bowman, India F. (Mrs.) .....	Denver, Colo.
Boyce, Nell E. ....	Denver, Colo.
Bradley, Henrietta .....	Denver, Colo.
Bradley, Margaret B. ....	Denver, Colo.
Brady, Mayme .....	Kiowa, Colo.
Bramkamp, Ethel M. ....	Denver, Colo.
Bratcock, Carrie .....	Ft. Worth, Texas
Brenhard, Lena F. ....	Denver, Colo.
Brennan, Margaret .....	Grand Junction, Colo.
Brennan, Sister Mary Carmel .....	Denver, Colo.
Briggs, Annie M. ....	Denver, Colo.
Brinker, Olivia .....	Denver, Colo.
Brooks, Ella .....	Denver, Colo.
Brown, Esther .....	Denver, Colo.
Brown, Margaret D. ....	Weldona, Colo.
Brown, Ruth M. ....	Pueblo, Colo.
Brownson, Mary .....	Denver, Colo.
Brownson, Lillian N. ....	Denver, Colo.
Bruere, Mary .....	Denver, Colo.
Brush, Marguerite .....	Denver, Colo.
Brush, M. Frances .....	Grand Junction, Colo.
Bryne, Estelle M. ....	Denver, Colo.
Buck, Mrs. Christine .....	Denver, Colo.
Buchanan, Sue .....	Ft. Worth, Texas
Budin, Anna .....	Sterling, Colo.
Budin, Christina .....	Sterling, Colo.
Bueckler, Anna (Mrs.) .....	Pueblo, Colo.
Bull, Ethel J. ....	Trinidad, Colo.
Bullard, Grace E. ....	Laird, Colo.
Bunn, Lina C. ....	Pierce, Colo.
Brinkley, Mrs. Frances .....	Pueblo, Colo.
Burn, Lavina .....	Denver, Colo.
Burgess, Emma .....	Grand Junction, Colo.
Burgess, Grace E. ....	Denver, Colo.

Burgener, John C.	Grand Junction, Colo.
Burlingame, Mrs. V. Yost	Scott City, Kans.
Burnham, Helen A.	Denver, Colo.
Button, Mrs. Arminda	Englewood, Colo.
Bryne, Mary J.	Ft. Worth, Texas
Cage, Lucile E.	Denver, Colo.
Cameron, Nellie R.	Sopris, Colo.
Campbell, Clare	Sterling, Colo.
Canady, Caroline	Grand Junction, Colo.
Carey, Nina	Denver, Colo.
Carlson, Emma	Sterling, Colo.
Carney, Mrs. Nellie	Englewood, Colo.
Carr, Minnie Pearl	Greeley, Colo.
Carrel, Mary Imogene	Englewood, Colo.
Cary, Mary	Denver, Colo.
Carson, Mrs. Chas. T.	Greeley, Colo.
Cash, Mrs. Belle	Pueblo, Colo.
Cash, E. C.	Pueblo, Colo.
Case, Sadie I.	Denver, Colo.
Casey, Veronica E.	Denver, Colo.
Catren, Lillian	Ft. Collins, Colo.
Chadsey, Effie M.	Denver, Colo.
Champion, Edith L.	Denver, Colo.
Chase, Lucile B.	Denver, Colo.
Chandler, Pearl I.	Scott City, Kans.
Cheatley, Emma L.	Denver, Colo.
Christian, Charlotte	Denver, Colo.
Churchill, Lillian	Denver, Colo.
Claney, Agnes V.	Denver, Colo.
Claibonne, Bertha	El Moro, Colo.
Clark, Mabel F.	Denver, Colo.
Clark, Mabel Montgomery	Denver, Colo.
Clark, May E.	Denver, Colo.
Clausen, Erma	Kiowa, Colo.
Clearwater, Rachel H.	Brownsville, Texas
Clevenger, Florence	Lairs, Colo.
Cleverly, Susan	Denver, Colo.
Cleverly, Catherine S.	Denver, Colo.
Clifford, Paul	Pueblo, Colo.
Cline, Mrs. H. A.	Pierce, Colo.
Clow, Helen G.	Denver, Colo.
Clower, Mrs. Myrtle W.	Ft. Worth, Texas
Coates, Alice M.	Denver, Colo.
Cochran, L. Grace	Greeley, Colo.
Cochran, Mabel	Greeley, Colo.
Cochran, Mrs. C. P.	Pueblo, Colo.
Cohen, Esther L.	Denver, Colo.
Cole, Frances	Eckley, Colo.
Cole, Edith	Grand Junction, Colo.
Collins, Jessie	Denver, Colo.
Collier, Robert, Jr.	Denver, Colo.
Colvin, Hazel	Pueblo, Colo.
Combs, Ethel L.	Denver, Colo.
Comstock, Yolandi	Denver, Colo.
Condit, Adella	Denver, Colo.
Conesney, Hero L.	Denver, Colo.
Congdon, John S.	Ft. Collins, Colo.
Connelly, Sister Mary T.	Denver, Colo.
Converse, Barbara	Pueblo, Colo.
Cooke, Elbertine	Ft. Collins, Colo.
Cooke, Lura Jane	Ft. Collins, Colo.
Cook, Margaret	Topeka, Kans.
Cook, Octavia	Pueblo, Colo.
Cosgrove, Anna J.	Omaha, Nebr
Coursey, Nell M.	Denver, Colo.
Covington, Maude	Sterling, Colo.
Cowgill, Marion	Denver, Colo.
Cox, Anna M.	Dallas, Texas
Cox, Grace	Englewood, Colo.
Coykendall, Fannie	Denver, Colo.
Craig, Edna M.	Denver, Colo.
Crawley, Anna M.	Winthrop, Iowa
Crews, Ida	Laird, Colo.
Cross, Mrs. F. C.	Kiowa, Colo.
Cross, F. C.	Kiowa, Colo.
Cummings, Catherine	Pueblo, Colo.
Cumpston, Ethel M.	Pueblo, Colo.
Cumpston, Katherine	Pueblo, Colo.
Cunningham, Daisy Loyd	Denver, Colo.

Curd, Wm. S.	Oklahoma City, Okla.
Currie, Marie Niel	Denver, Colo.
Curtis, Bessie V.	Pueblo, Colo.
Dailey, Grace	Denver, Colo.
Dailey, Minnie M.	Denver, Colo.
Daniels, Winifred J.	Denver, Colo.
Darlington, Alice	Denver, Colo.
Darrah, Estella D.	Denver, Colo.
Davidson, Marie	Denver, Colo.
Davidson, Rachael Isabell	Denver, Colo.
Davidson, Veda	Denver, Colo.
Davis, Elizabeth	Mansfield, Texas
Davis, Helen B.	Denver, Colo.
Davis, Thos. Clark	Pueblo, Colo.
Davis, W. T.	Grand Junction, Colo.
DeBoer, Winnie	Trinidad, Colo.
DeLan, Anna	Grand Junction, Colo.
Delaplain, Jennie M.	Cheyenne Wells, Colo.
Desmond, Marguerite	Denver, Colo.
Detters, Carolyn	Denver, Colo.
Detwiler, Minnie	Littleton, Colo.
Dickens, Mrs. May H.	Brownsville, Texas
Dickenson, Amy	Sterling, Colo.
Dickman, Antje B.	Denver, Colo.
Dittus, Carolyn	Denver, Colo.
Dillon, Chester C.	La Junta, Colo.
Doan, Winifred J.	Denver, Colo.
Doland, Florence	Denver, Colo.
Donohue, Jessie	Pueblo, Colo.
Doonan, Eva	Denver, Colo.
Dorland, Harriet	Englewood, Colo.
Doull, Frances	Denver, Colo.
Douglas, Edith Sewell	Denver, Colo.
Douglas, Elizabeth S.	Denver, Colo.
Douglas, Wilhemina	Ft. Collins, Colo.
Drayton, Rose	Denver, Colo.
Dring, Ruth	Sterling, Colo.
Drommond, Dessie	Laird, Colo.
Drommond, Helen	Laird, Colo.
Drummond, Mary	Sopris, Colo.
Duboff, Anna	Denver, Colo.
Duboff, Miriam	Yampa, Colo.
Duboff, Sarah	Denver, Colo.
Duffes, Martha	Denver, Colo.
Duggleby, Hattie	Kiowa, Colo.
Dungan, Edith L.	Denver, Colo.
Dunn, Sister Mary Adrion	Pueblo, Colo.
Dupuy, Genevieve	Grand Junction, Colo.
Dyer, Mrs. Anna	Pueblo, Colo.
Dyer, Josephine Seeley	Denver, Colo.
Eager, Mrs. Ruth K.	Denver, Colo.
Eagleton, Wm. H.	Denver, Colo.
Easley, Alda F.	Scott City, Kans.
Eaton, Alice B.	Greeley, Colo.
Edmonds, Ida	Englewood, Colo.
Edwards, Elizabeth	Dallas, Texas
Edwards, Maida	Ft. Worth, Texas
Edwards, Mary	Youngstown, Ohio
Elliott, Mrs. Agnes	Pueblo, Colo.
Ellis, Mabel B.	Denver, Colo.
Elstun, Mary K.	Littleton, Colo.
Emburg, Edith	Denver, Colo.
Emery, Emily Alice	Denver, Colo.
Engleman, Mrs. Bonnie	Pueblo, Colo.
English, Mrs. Evelyn	Grand Junction, Colo.
Ensign, G. O.	Defiance, Ohio
Erickson, Ruth C.	Denver, Colo.
Ericson, Neoma	Englewood, Colo.
Erwin, Joseph M.	Denver, Colo.
Ethell, Mrs. Charity I.	Denver, Colo.
Eubank, Minnie Lee	Laird, Colo.
Evans, Elizabeth	Pueblo, Colo.
Evans, Margaret D.	Denver, Colo.
Ever, Myrtle	Pueblo, Colo.



Falk, Ella .....	Platteville, Colo.
Falkenstein, Elizabeth .....	Pueblo, Colo.
Falkenstein, Mary .....	Pueblo, Colo.
Fairchild, Laura .....	Pueblo, Colo.
Fairley, Mrs. Ira .....	Arapahoe, Colo.
Farmer, W. T. ....	Scott City, Kans.
Farrelly, Clara .....	Denver, Colo.
Faust, John J. ....	Weldona, Colo.
Fantaux, Louise .....	Denver, Colo.
Feldwisch, Bertha .....	Denver, Colo.
Filger, Ilma C. ....	Denver, Colo.
Filson, Emma M. ....	Denver, Colo.
Finlay, Helen .....	Grand Junction, Colo.
Fish, Romola .....	Grand Junction, Colo.
Fisher, Annie C. ....	Denver, Colo.
Fisher, Laura .....	Denver, Colo.
Fisher, Mrs. Zoe .....	Pueblo, Colo.
Flath, Lucy M. ....	Denver, Colo.
Flagler, Norma E. ....	Pueblo, Colo.
Fleckenstein, F. ....	Telluride, Colo.
Fletcher, Helen .....	Denver, Colo.
Flood, Mary S. ....	Englewood, Colo.
Flores, Zella K. ....	Grand Junction, Colo.
Floyd, Catherine .....	Denver, Colo.
Franzel, Erna .....	Grand Junction, Colo.
Frederickson, Ellen .....	Ft. Collins, Colo.
Freeman, Eliot N. ....	Denver, Colo.
Force, Jessie .....	Denver, Colo.
Foster, Mrs. M. S. ....	Ft. Worth, Texas
Fox, Luora M. ....	Weldona, Colo.
Fullman, Helen C. ....	Denver, Colo.
Gallacher, Marie .....	Littleton, Colo.
Galt, Ruth Ann .....	Englewood, Colo.
Gaines, E. Louise .....	Pueblo, Colo.
Gaines, Mary A. ....	Pueblo, Colo.
Gammill, Mrs. F. I. ....	Simla, Colo.
Garber, Gladys Robb .....	Sterling, Colo.
Gardner, Lizzie E. ....	Denver, Colo.
Gardner, Ada E. ....	Denver, Colo.
Garnett, O. W. ....	Pierce, Colo.
Garnett, Salena .....	Athens, Texas
Garst, Daisy D. ....	Sterling, Colo.
Garvin, Mrs. Janie C. ....	Denver, Colo.
Garrett, W. N. ....	La Junta, Colo.
Garrison, Elizabeth .....	Denver, Colo.
Gavin, Mae F. ....	Denver, Colo.
Gattes, Sister Louise Adelaide .....	Denver, Colo.
Gay, Ada E. ....	Denver, Colo.
Gentilini, Emma .....	Sopris, Colo.
Giers, Florence .....	Denver, Colo.
Gigax, Agnes .....	Grand Junction, Colo.
Gilbert, Hazel V. ....	Grand Junction, Colo.
Gilmore, Angela .....	Denver, Colo.
Gillmore, Lawrence .....	La Junta, Colo.
Gilliland, Alma .....	Ft. Collins, Colo.
Gilliland, Ruth .....	La Junta, Colo.
Gleason, Mrs. Rhea .....	Pueblo, Colo.
Glenn, Ada G. ....	Denver, Colo.
Glenn, Florence .....	Denver, Colo.
Glenn, Lottie .....	Tulsa, Okla.
Glens, Verne D. ....	Denver, Colo.
Godley, Lois Sophie .....	Denver, Colo.
Goebel, Jessie E. ....	Denver, Colo.
Gose, Zoe Davis .....	Denver, Colo.
Goodman, Ethel C. ....	Kansas City, Mo.
Graham, Lulu D. ....	Pueblo, Colo.
Granger, Lulu W. ....	Pueblo, Colo.
Grant, Mrs. Julia .....	Englewood, Colo.
Grant, J. A. ....	Ault, Colo.
Graves, W. E. ....	Cheyenne Wells, Colo.
Gray, Edna Sophris .....	Sterling, Colo.
Greene, Alma Anne .....	Sterling, Colo.
Greene, Flossie .....	Ft. Worth, Texas
Greene, Harry E. ....	Buckingham, Colo.
Greer, Chloe .....	Sterling, Colo.
Greer, Ethel L. ....	Denver, Colo.
Griffith, Lillian .....	Cinton, Mo.
Griffith, Mrs. M. ....	Greeley, Colo.

Griggs, Edgar W.	Grand Junction, Colo.
Grill, Hilda	Denver, Colo.
Gunyon, Mrs. Rose	Kit Carson, Colo.
Gurtner, Mrs. Ethel	Denver, Colo.
Gust, Katherine L.	Denver, Colo.
Hahn, Pauline B.	Denver, Colo.
Hale, Fred M.	Denver, Colo.
Hall, Adele M.	Denver, Colo.
Hall, Luella	Pueblo, Colo.
Hallaran, May	Ft. Worth, Texas
Hallaran, Nona	Ft. Worth, Texas
Hampton, Nellie	Pueblo, Colo.
Hancock, Doris V.	Hasting, Nebr.
Hansen, Katherine	Denver, Colo.
Hannen, Frank S.	Greeley, Colo.
Hansford, Maude	La Junta, Colo.
Hardin, Achsah	Pueblo, Colo.
Hargrove, Louise A.	Denver, Colo.
Harmer, Blanche	Greeley, Colo.
Harmon, Frances	Dallas, Texas
Harris, Betty	Sopris, Colo.
Harris, Mame R.	Ft. Collins, Colo.
Harris, Stella	Sopris, Colo.
Harrigan, Joe	Denver, Colo.
Harrison, Edith	Oklahoma City, Okla.
Harrison, Sarah Lou	Pueblo, Colo.
Haverty, Estella	Pueblo, Colo.
Hawley, Frances	Trinidad, Colo.
Haworth, Nelle	Pueblo, Colo.
Hawthorne, Mrs. Bessie	Denver, Colo.
Haynes, Alice K.	Grand Junction, Colo.
Haynes, Helen Lee	Denver, Colo.
Haywood, Florence	Englewood, Colo.
Hazlett, Dorothy	Pueblo, Colo.
Head, Mrs. Gladys Miller	Sterling, Colo.
Heabler, Grace	Denver, Colo.
Heath, Mrs. Georgia	Englewood, Colo.
Heath, Orue M.	Englewood, Colo.
Heaton, Wilbur M.	Pueblo, Colo.
Hedden, Miranda	Scott City, Kans.
Heeden, Edith	Denver, Colo.
Hedgis, Cecelia M.	Denver, Colo.
Heilman, Lula A.	Grand Junction, Colo.
Heist, Rosa	Sterling, Colo.
Herrington, Carolyn	Pierce, Colo.
Herrington, E. H.	Littleton, Colo.
Herrman, Lewis L.	Denver, Colo.
Henderson, Florence M.	Denver, Colo.
Henry, Mary	Pueblo, Colo.
Hession, Anna	Pueblo, Colo.
Hickey, Sister Mary Hubert	Pueblo, Colo.
Higgins, Ada	Greeley, Colo.
Higgins, Gladys	Ault, Colo.
Highberger, Mrs. H.	Pueblo, Colo.
Hill, Mrs. Amy	Arapahoe, Colo.
Hill, Mrs. Lee	Pueblo, Colo.
Hill, Lucile	Platteville, Colo.
Hiles, Helen H.	Pueblo, Colo.
Hinds, Archie	Kit Carson, Colo.
Hoag, Mrs. Frank	Pueblo, Colo.
Hobsen, Helen	Pueblo, Colo.
Hobson, Ralph	Denver, Colo.
Holek, Elma	Littleton, Colo.
Holland, Ruth	Denver, Colo.
Hollister, Evaline	Grand Junction, Colo.
Holenbaugh, Cora Ellen	Cheyenne Wells, Colo.
Holm, Peter C.	Denver, Colo.
Holman, Mrs. Catherman	Englewood, Colo.
Holmes, Grace	Omaha, Nebr.
Hook, George	Denver, Colo.
Hopper, Velma A.	Ault, Colo.
Hornberger, Etta	Pueblo, Colo.
Hornberger, Henrietta	Pueblo, Colo.
Horner, Alice	Denver, Colo.
Horner, Irene	Sterling, Colo.
Howe, Sister Theresa	Denver, Colo.
Howell, Mrs. Elsa R.	Denver, Colo.
Hummer, Isabel (Mrs)	Denver, Colo.

Hunter, Arta D. ....	La Junta, Colo.
Hunt, Ruth A. ....	Denver, Colo.
Hunter, W. F. ....	Platteville, Colo.
Hunter, Margaret .....	Denver, Colo.
Huntington, Alice G. ....	Denver, Colo.
Hutchinson, Jessie .....	Denver, Colo.
Imboden, Jennie A. ....	Pueblo, Colo.
Inman, Katherine .....	Greeley, Colo.
Irving, Amelia D. ....	Denver, Colo.
Isbell, Mary .....	Denver, Colo.
Jackson, Ruth Olivia .....	Wichita, Kans.
Jacobson, Elizabeth .....	Denver, Colo.
Jameson, Dora C. ....	Denver, Colo.
Jarret, Helen .....	Englewood, Colo.
Jeffery, Mary .....	Pueblo, Colo.
Jenkins, Katherine .....	Denver, Colo.
Jenkins, Marie J. ....	Denver, Colo.
Johnson, Anna .....	Pueblo, Colo.
Johnson, Anna Louise .....	Denver, Colo.
Johnson, Anna M. ....	Denver, Colo.
Johnson, Etta H. ....	Denver, Colo.
Johnson, Hazel A. ....	Grand Junction, Colo.
Johnson, Mrs. Helen B. ....	Denver, Colo.
Johnson, Helen .....	Pueblo, Colo.
Johnson, Leona M. ....	Denver, Colo.
Johnston, Mrs. Wanda .....	Platteville, Colo.
Jones, Laura B. ....	Ft. Worth, Texas
Jones, Mollie .....	Pueblo, Colo.
Jones, W. R. ....	Grand Junction, Colo.
Jones, Zelma H. ....	Ft. Collins, Colo.
Jorgensen, Olive .....	Grand Junction, Colo.
Juden, Nancy .....	La Junta, Colo.
Kaiser, Mary S. ....	Denver, Colo.
Kane, Marguerite .....	Littleton, Colo.
Kaufman, Clara .....	Wichita, Kans.
Kaufman, Ida .....	Wichita, Kans.
Kear, V. A. ....	Scott City, Kans.
Keating, F. ....	Pueblo, Colo.
Keirn, Clara .....	Denver, Colo.
Kelly, Julia A. ....	Denver, Colo.
Kendall, Alma .....	Pueblo, Colo.
Kendig, Hal D. ....	Denver, Colo.
Kendrick, Edith .....	Grand Junction, Colo.
Kimehan, Katherine .....	Denver, Colo.
Kent, Ruth .....	Pueblo, Colo.
Koepfel, Katherine .....	Denver, Colo.
Knowles, Robert .....	Sterling, Colo.
Kennison, Marie .....	Grand Junction, Colo.
Kerker, De Lourdes V. ....	Denver, Colo.
Kerr, Harriet .....	Knoxville, Tenn.
Kerr, E. Isabel .....	Knoxville, Tenn.
Key, Verdalielle M. ....	Sopris, Colo.
Kinport, J. Catherine .....	Denver, Colo.
Kirkpatrick, Mildred .....	Pierce, Colo.
Klein, Carolyn .....	Denver, Colo.
Klein, Henry D. ....	Arapahoe, Colo.
Klein, Louise .....	Denver, Colo.
Kline, Anna Ellen .....	Denver, Colo.
Kling, Sister Margaret A. ....	Pueblo, Colo.
Kreiner, Marie .....	Denver, Colo.
Kulligren, Hazel I. ....	Denver, Colo.
Kuvkendall, Roy A. ....	Pierce, Colo.
Kyle, David F. ....	Grand Junction, Colo.
LaCasse, Zelpha M. ....	Ft. Collins, Colo.
Lambert, Frances .....	Dallas, Texas
Lambie, Jean .....	Denver, Colo.
Lambie, May .....	Denver, Colo.
Lamphiar, John R. ....	Ft. Collins, Colo.
Lauck, Gertrude .....	Trinidad, Colo.
Lander, M. Allien .....	Denver, Colo.
Langdon, May .....	Pueblo, Colo.
Lange, Elsie E. ....	Denver, Colo.
Lanning, C. W. ....	Grand Junction, Colo.

Latson, Irma	Pueblo, Colo.
Lawlor, Margaret	Denver, Colo.
Lawson, Mrs. Ella A.	Denver, Colo.
Leahy, Anna	Ft. Worth, Texas
Leasure, Zillah	Scott City, Kans.
Leathers, Grace	Pueblo, Colo.
Leathers, Ruth	Rocky Ford, Colo.
Leatherwood, W. S.	Arapahoe, Colo.
Leeling, Ida M.	Denver, Colo.
Lees, S. Alice	Denver, Colo.
Leinbaum, C. C.	Buckingham, Colo.
LeRoy, Caroline	Denver, Colo.
Lewis, Mrs. Nellie Hawley	Trinidad, Colo.
Lewis, Mrs. T. L.	Pueblo, Colo.
Lindsay, Emily M.	Denver, Colo.
Link, Isa	Grand Junction, Colo.
Little, Mary	Littleton, Colo.
Little, Mrs. Mary	Eglewood, Colo.
Livesay, Mary	Denver, Colo.
Lohr, A. Judson	Denver, Colo.
Long, Doris M.	Denver, Colo.
Long, Margaret	Englewood, Colo.
Longan, Anna M.	Denver, Colo.
Lort, Martha W.	Denver, Colo.
Louhenheiser, Mrs. G.	Denver, Colo.
Love, Mrs. Addie	Englewood, Colo.
Lovern, Ruth	Pueblo, Colo.
Lubman, Ruth A.	Ft. Collins, Colo.
Lundine, Rose	Ft. Collins, Colo.
Lungren, Helen M.	Akron, Colo.
Lyon, Florence Ella	Denver, Colo.
McArthur, Anne P.	Denver, Colo.
McBean, Addie	Denver, Colo.
McClaskey, Mrs. Cecile	Arapahoe, Colo.
McClellan, Nell E.	Denver, Colo.
McClintock, Alva	Ft. Collins, Colo.
McClure, Lou Moran	Kansas City, Mo.
McClure, Stella	Denver, Colo.
McCollum, Pearl	Valley View, Texas
McCormac, Alice	La Junta, Colo.
McCoy, Edith	Eckley, Colo.
McCoy, Maude	Denver, Colo.
McCray, Blanche	Telluride, Colo.
McCurdy, Mary B.	Pueblo, Colo.
McDaniel, Grace	Pueblo, Colo.
McDill, Allen C.	Laird, Colo.
Macdonald, Mary E.	Denver, Colo.
MacDonald, Myra	Denver, Colo.
McDonough, Lizzie	Grand Junction, Colo.
McDonough, Susan	Denver, Colo.
McDowell, Agnes	Pueblo, Colo.
McFarland, Fannie	Yampa, Colo.
McFarlane, Hazel Mildred	Pueblo, Colo.
McFerren, Susie G.	Englewood, Colo.
McGee, Helen	Pueblo, Colo.
McGee, Mrs Lucile	Pueblo, Colo.
McGroarty, Margaret	Denver, Colo.
McGuckin, Irene	Denver, Colo.
McGuffey, Verne	Ault, Colo.
McIntyre, Ella D.	Ft. Collins, Colo.
McKanney, Ruby Pearl	Littleton, Colo.
McKee, Paul	Sopris, Colo.
McKibbon, Dora	Ft. Worth, Texas
McKinnie, Isabell K.	Denver, Colo.
McLean, Thelma	Painview, Texas
McLeod, M. Lois	Denver, Colo.
McPherson, Elizabeth	Denver, Colo.
Mabel, Katherine W.	Denver, Colo.
Maben, Constance	Yampa, Colo.
Mackie, Ellison	Denver, Colo.
Maher, Catherine	Denver, Colo.
Maher, Teressa	Denver, Colo.
Mahon, Maude L.	Denver, Colo.
Mahuron, J. D.	Sopris, Colo.
Maloney, Mary E.	Denver, Colo.
Marrs, Emily	Denver, Colo.
Martin, Maude	Ft. Collins, Colo.
Martin, Elizabeth	Denver, Colo.

Mathews, Emma .....	Atlanta, Texas
Mattley, Mrs. Mary .....	Arapahoe, Colo.
Matz, Marie .....	Kansas City, Mo.
May, Loyce .....	Kansas City, Mo.
Mecum, Laura .....	Denver, Colo.
Meek, Alma .....	Denver, Colo.
Menagh, Reva L. ....	Denver, Colo.
Menke, Alice .....	Denver, Colo.
Metzger, Myrtle .....	Denver, Colo.
Meyer, Bertha .....	Ft. Collins, Colo.
Meyer, Sister Joan Marie .....	Denver, Colo.
Miars, Leona .....	Denver, Colo.
Mills, Mrs. Ethel .....	Denver, Colo.
Mills, Ethel La Capelle .....	Denver, Colo.
Miller, Mrs. Ada C. ....	Pueblo, Colo.
Miller, M. Elizabeth .....	Sloane, Colo.
Mitchell, Nellie .....	Denver, Colo.
Millinger, Mrs. Louise .....	Pueblo, Colo.
Monahan, Aileen .....	Ft. Collins, Colo.
Monell, Mabel .....	Grand Junction, Colo.
Moore, Emily E. ....	Denver, Colo.
Moore, Hazel Helen .....	Denver, Colo.
Moore, Jessie R. ....	Ft. Collins, Colo.
Moore, Pearl L. ....	Ft. Collins, Colo.
Morgan, Grace M. ....	Denver, Colo.
Morin, Marie .....	Kit Carson, Colo.
Morris, Pearl .....	Denver, Colo.
Mortenson, Mrs. Jeanette .....	Pueblo, Colo.
Moseley, Nancy D. ....	Dallas, Texas
Mothersill, Mrs. Rachel .....	Denver, Colo.
Mourning, Bernice .....	Pueblo, Colo.
Mowery, Harriett B. ....	Englewood, Colo.
Mullen, Sister Eustella M. ....	Sopris, Colo.
Mullins, Mrs. Helen .....	Denver, Colo.
Mullins, Ida .....	Ossawatimie, Kans.
Mulvehill, Mary E. ....	Denver, Colo.
Muncaster, Edith Agnes .....	Denver, Colo.
Murphy, Marie D. ....	Denver, Colo.
Musgrove, Mary .....	Ft. Worth, Texas
Myers, Blanche .....	Denver, Colo.
Nace, Lillian .....	Denver, Colo.
Naene, Clara E. ....	Denver, Colo.
Napier, Mary .....	Ft. Worth, Texas
Nash, Bessie A. ....	Pueblo, Colo.
Neal, Goldie (Mrs.) .....	Pierce, Colo.
Neilsen, Edna M. ....	Denver, Colo.
Newcomb, Annette .....	Denver, Colo.
Newton, Lillian .....	Ft. Collins, Colo.
Nickens, Bessie .....	Dallas, Texas
Nichols, M. H. ....	Denver, Colo.
Noonan, Urbana A. ....	Denver, Colo.
Norris, Lillian G. ....	Denver, Colo.
Norton, Mr. F. W. ....	Trinidad, Colo.
Nybell, Dorothy .....	Denver, Colo.
O'Boyle, Georgie M. (Mrs.) .....	Denver, Colo.
O'Boyle, Lila M. ....	Denver, Colo.
O'Brian, Ella K. ....	Denver, Colo.
O'Brien, Mary Rose .....	Denver, Colo.
O'Connor, Sister Angella .....	Denver, Colo.
O'Dea, Margaret .....	Ft. Collins, Colo.
Odgers, Ethel F. ....	Denver, Colo.
Offutt, Mary Bell .....	Pueblo, Colo.
Oldham, Grace .....	Leoti, Kans.
Olson, Mary .....	Denver, Colo.
Ord, Mrs. Zettie D. ....	Ft. Worth, Texas
Orman, Katherine S. ....	Denver, Colo.
Orr, Alice D. ....	Omaha, Nebr.
Osborne, Ethel .....	Ft. Worth, Texas
Osberg, Nina .....	Kit Carson, Colo.
O'Toole, Clara E. ....	Denver, Colo.
O'Toole, Mary L. ....	Denver, Colo.
Ott, Luella .....	Ft. Collins, Colo.
Ottenheimer, Daisy G. ....	Denver, Colo.

Pantall, Myrta .....	Sterling, Colo.
Packard, Ruth E. ....	Denver, Colo.
Page, Jessie D. ....	Greeley, Colo.
Palmquist, Esther .....	Denver, Colo.
Parkyn, Esther .....	Denver, Colo.
Patterson, Cora .....	Ft. Worth, Texas
Paul, Fredonia .....	La Junta, Colo.
Pearson, Emma .....	Denver, Colo.
Peavey, Mary C. ....	Denver, Colo.
Peck, Ruby L. ....	Denver, Colo.
Pelling, Eva Mabel .....	Denver, Colo.
Pelton, Evelyn .....	Denver, Colo.
Petersen, Mary .....	La Junta, Colo.
Phillips, Daisy Kate .....	Dallas, Texas
Pierce, Mrs. Clara Marie .....	Kit Carson, Colo.
Pine, Mrs. Eda May .....	Pueblo, Colo.
Plessinger, Hildred Esther .....	Cheyenne Wells, Colo.
Ploenges, Edward .....	La Junta, Colo.
Plunk, A. C. ....	La Junta, Colo.
Poff, Rose B. ....	Denver, Colo.
Pohlman, Hazel .....	Akron, Colo.
Pool, Annie .....	Pueblo, Colo.
Pool, Raymond J. ....	Estes Park, Colo.
Poole, Maude B. ....	Denver, Colo.
Powell, Ruth .....	Pueblo, Colo.
Poyer, Anna .....	Sopris, Colo.
Preston, A. H. ....	Trinidad, Colo.
Prewett, Hattie O. ....	Ft. Worth, Texas
Quick, Sue .....	Ft. Collins, Colo.
Quinby, Grace .....	Pierce, Colo.
Radford, Pearl .....	Denver, Colo.
Rambo, Mrs. Myrtle .....	St. Joseph, Mo.
Ransom, Ellen .....	Denver, Colo.
Rapp, Leila .....	Pueblo, Colo.
Rathans, Marguerite .....	Yampa, Colo.
Ray, Ethel .....	
Reboulet, Sister Mary Bosilla .....	Denver, Colo.
Rece, Mary G. ....	Sterling, Colo.
Recht, A. E. ....	Laird, Colo.
Reckard, Blanch .....	Pueblo, Colo.
Redmond, Ray .....	Pueblo, Colo.
Redwine, Mrs. Rose .....	Pueblo, Colo.
Regina, Sister Movia .....	Trinidad, Colo.
Reilly, Rosa E. ....	Denver, Colo.
Remley, Elizabeth .....	Grand Junction, Colo.
Remley, Frances .....	Denver, Colo.
Riley, Laura V. ....	Sterling, Colo.
Rittberg, Marian .....	Pueblo, Colo.
Reynolds, Pauline .....	Englewood, Colo.
Rice, Siddie E. ....	Ft. Collins, Colo.
Richards, Nina .....	Ft. Collins, Colo.
Riddle, Nora .....	Grand Junction, Colo.
Ridenhour, Faye .....	Pueblo, Colo.
Ridgway, Rose W. ....	Grand Junction, Colo.
Ridley, Winnifred .....	Denver, Colo.
Rilling, Mabel S. ....	Denver, Colo.
Risley, Jas. H. ....	Pueblo, Colo.
Roberts, Sister Joseph .....	Denver, Colo.
Roberts, Marie L. ....	Estes Park, Colo.
Roe, Myrtle A. ....	Sterling, Colo.
Rogers, Anne Landram .....	Sterling, Colo.
Romick, Nell .....	Pueblo, Colo.
Rooney, Lillie .....	Pueblo, Colo.
Rote, O. W. ....	Littleton, Colo.
Rudolph, Elizabeth .....	Denver, Colo.
Rudolph, Christine Elizabeth .....	Denver, Colo.
Rudolph, Elizabeth .....	Denver, Colo.
Rupp, Josephine .....	Pueblo, Colo.
Rupp, Miriam .....	Buckingham, Colo.
Ryan, Adele .....	Denver, Colo.
Ryan, Lethia .....	Scott City, Kans.
Salchli, Bertha F. ....	Erie, Penna.
Salchli, Rose .....	Erie, Penna.
Safford, Mary .....	Denver, Colo.
Sallenger, Mrs. Ada .....	Englewood, Colo.

Sander, M. Allien .....	Denver, Colo.
Scarborough, C. R. ....	Ft. Collins, Colo.
Schaefer, Lydia M. ....	Denver, Colo.
Schaefer, Irving .....	Grand Junction, Colo.
Schenck, Loretta .....	Pueblo, Colo.
Schenck, L. R. ....	Oklahoma City, Okla.
Schenck, Vera E. ....	Oklahoma City, Okla.
Schisler, Pearle .....	Denver, Colo.
Schlett, Lydia .....	Ft. Collins, Colo.
Schmidt, Marie L. ....	Omaha, Nebr.
Scholl, Mrs. Mary W. ....	Englewood, Colo.
Schoolmon, Margaret M. ....	Pueblo, Colo.
Schumacher, Sister Marie .....	Denver, Colo.
Schumacher, Sister Marie Joseph .....	Denver, Colo.
Schroder, Ruby .....	Denver, Colo.
Schwass, Emma .....	Ft. Collins, Colo.
Scott, Erma .....	Greeley, Colo.
Scott, Grace J. ....	Greeley, Colo.
Scott, Marian .....	Greeley, Colo.
Scott, Rowena .....	Platteville, Colo.
Scrafford, Maybelle M. ....	Denver, Colo.
Searles, Addie .....	Denver, Colo.
Seymour, Melita .....	Denver, Colo.
Shannon, Maybelle .....	Denver, Colo.
Shaw, Lloyd .....	Estes Park, Colo.
Shearer, Agnes .....	Englewood, Colo.
Shebal, Laura M. ....	Ft. Collins, Colo.
Sheehan, Sister Robert Joseph .....	Denver, Colo.
Sheppard, Bessie G. ....	Denver, Colo.
Sherrill, Mrs. W. A. ....	Grand Junction, Colo.
Shore, Belle .....	Grand Junction, Colo.
Shreve, Clara G. ....	Denver, Colo.
Shy, Mrs. Zella .....	Trinidad, Colo.
Sieg, Elizabeth C. ....	Denver, Colo.
Simpson, Dorothy A. ....	Denver, Colo.
Singleton, Helen .....	Denver, Colo.
Sisson, Mary S. ....	Denver, Colo.
Sloane, Edith D. ....	Greeley, Colo.
Small, Mrs. Della .....	Cheyenne Wells, Colo.
Smelser, Stella N. ....	Grand Junction, Colo.
Smillie, Anna .....	Ault, Colo.
Smith, Nettie .....	Sterling, Colo.
Smith, Alta .....	Buckingham, Colo.
Smith, Alwyn C. ....	Denver, Colo.
Smith, Della .....	Grand Junction, Colo.
Smith, Erma Blanche .....	Pueblo, Colo.
Smith, Hester M. ....	Denver, Colo.
Smith, Margaret L. ....	Ft. Collins, Colo.
Smith, Mrs. Wells .....	Kit Carson, Colo.
Smith, Zoe .....	Eckley, Colo.
Smith, Georgia .....	Pueblo, Colo.
Snyder, I. Dora .....	Denver, Colo.
Synder, Ella Walker .....	Denver, Colo.
Synder, Solathael .....	Denver, Colo.
Solt, Orva .....	La Junta, Colo.
Songer, Myrtle .....	Denver, Colo.
Spalding, Hugh .....	Trinidad, Colo.
Spangler, Little Mae .....	Dallas, Texas
Sparks, Minta .....	Denver, Colo.
Spencer, Jennett .....	Denver, Colo.
Speier, Elfrieda .....	Denver, Colo.
Spitler, Clarke H. ....	Denver, Colo.
Stalker, Bessie D. ....	Denver, Colo.
Starbird, Mildred M. ....	Greeley, Colo.
Stanforth, Della .....	Denver, Colo.
Starbuck, Elta .....	Pueblo, Colo.
Stark, Wildas .....	Pueblo, Colo.
Starrie, Robina C. ....	Denver, Colo.
Staub, Isabella .....	Denver, Colo.
Stauffer, Mrs. M. ....	Pueblo, Colo.
St. Clair, Carolyn .....	Denver, Colo.
Steffon, Elizabeth K. ....	Denver, Colo.
Stewart, C. E. ....	Akron, Colo.
Stephenson, Arma B. ....	Rocky Ford, Colo.
Stewart, Mrs. C. E. ....	Akron, Colo.
Stewart, Thoma G. ....	La Junta, Colo.
Stillman, Eugenia Helen .....	Denver, Colo.
Stone, Esther G. ....	Denver, Colo.
Stoner, J. W. ....	Pueblo, Colo.
Strait, Rose Berkowitz .....	Denver, Colo.

Strickland, Irene Landon .....	Denver, Colo.
Strong, Martha D. ....	Denver, Colo.
Stoddard, Mrs. T. L. ....	Pueblo, Colo.
Stone, Gertrude .....	Pueblo, Colo.
Sullivan, Lillian .....	Englewood, Colo.
Sutter, Mrs. Delbert .....	Eckley, Colo.
Svedman, Lillian .....	Ft. Collins, Colo.
Swan, Alice .....	Denver, Colo.
Swanson, Anna T. ....	Grand Junction, Colo.
Sweeney, Frances .....	Denver, Colo.
Sweeney, Margaret .....	Grand Junction, Colo.
Swinehardt, Blanche .....	Pueblo, Colo.
Sypolt, Mrs. Elsie .....	Englewood, Colo.
Taylor, Nellie L. ....	Denver, Colo.
Taylor, Mrs. Paula .....	Denver, Colo.
Taylor, Zephia .....	Eckley, Colo.
Thomas, Hattie A. ....	Denver, Colo.
Thomas, Sadie M. ....	Denver, Colo.
Thomasen, Emma .....	Quincy, Ill.
Thompson, Augusta .....	Ft. Collins, Colo.
Thompson, June E. ....	Grand Junction, Colo.
Thompson, Petra .....	Kiowa, Colo.
Thoroman, J. M. ....	Denver, Colo.
Throop, Suzanne .....	Denver, Colo.
Thurston, H. M. ....	Englewood, Colo.
Threlkeld, A. L. ....	Denver, Colo.
Tierney, Anna .....	Denver, Colo.
Tillery, Julia .....	Kansas City, Mo.
Tillery, Kathryn .....	Kansas City, Mo.
Tillatson, Mrs. Anne C. ....	Eckley, Colo.
Tintle, Mary .....	Denver, Colo.
Tirey, Robert M. ....	La Junta, Colo.
Towell, J. F. ....	Scott City, Kans.
Towne, Mary E. ....	Denver, Colo.
Tracy, Irene .....	Grand Junction, Colo.
Troy, Olga .....	Pueblo, Colo.
Tulley, Mary C. ....	Denver, Colo.
Tulles, Mrs. C. Pearl .....	Denver, Colo.
Turman, Mary Lee .....	Sterling, Colo.
Van Antwerp, Sarah .....	Scott City, Kans.
Van Buren, G. A. ....	Sopris, Co'o.
Vance, Mrs. Una E. ....	Pueblo, Colo.
Vandiver, Maude .....	Grand Junction, Colo.
Vaughn, Alma M. ....	Sterling, Colo.
Vaughan, Blanche .....	Englewood, Colo.
Van Voorhis, Elizabeth .....	Denver, Colo.
Veldman, Eugenia .....	Lake Mills, Wisconsin
Vickens, Alma .....	Sopris, Colo.
Vinton, Jaunita .....	Grand Junction, Colo.
Vivian, Mrs. Edith Wilson .....	Denver, Colo.
Wages, Lewis O. ....	Laird, Colo.
Wagner, Lena .....	Montrose, Mo.
Wainwright, Gail .....	Ft. Collins, Colo.
Wakeman, Alleah M. ....	Denver, Colo.
Walbaum, Ruth .....	Kit Carson, Colo.
Walek, Anna .....	Sterling, Colo.
Walters, Anna Laura .....	Sterling, Colo.
Walter, Sadie C. ....	Denver, Colo.
Walter, Gladys D. ....	Dallas, Texas
Walsh, Katherine .....	Pueblo, Colo.
Ward, Marie E. ....	Ft. Collins, Colo.
Ward, Sue D. ....	Denver, Colo.
Warford, Mrs. L. ....	Chickasha, Okla.
Warford, Nell .....	Chickasha, Okla.
Warning, G. A. ....	Grand Junction, Co'o.
Watson, Alice M. ....	Denver, Colo.
Webber, Julia .....	Denver, Colo.
Weekes, Edna .....	Denver, Colo.
Weir, Mrs. Esther Blair .....	Cheyenne Wells, Colo.
Weirich, Edna .....	Denver, Colo.
Weirich, Helen M. ....	Denver, Colo.
Weiss, Adelaide .....	Denver, Colo.
Weisser, Helen .....	Topeka, Kans.
Weish, Mabel C. ....	Greeley, Colo.



West, Frances .....	Akron, Colo.
West, Lucy .....	Pueblo, Colo.
Westhaven, Cora Taylor .....	Denver, Colo.
Wendelschafer, Cora .....	Ft. Collins, Colo.
Wetter, Nellie L. ....	Ft. Collins, Colo.
Weybrew, Gertrude M. ....	Denver, Colo.
Whitcomb, Gussie N. ....	Ault, Colo.
White, Mrs. Edna .....	Sterling, Colo.
White, Julia M. ....	Denver, Colo.
White, Lois .....	Grand Junction, Colo.
White, Ruth .....	Eckley, Colo.
Whitehead, Sarah R. ....	Denver, Colo.
Whiting, Mrs. J. E. ....	Denver, Colo.
Wichman, Dorothea .....	Denver, Colo.
Wilson, Clara .....	Pueblo, Colo.
Wilcox, Frances E. ....	Grand Junction, Colo.
Wilson, Florence .....	Grand Junction, Colo.
Wilson, Helen W. ....	Ft. Collins, Colo.
Wilson, Kathryn .....	Denver, Colo.
Wilson, Lillie .....	Grand Junction, Colo.
Wilson, Wilfred .....	Kiowa, Colo.
Wildman, Mabelrose .....	Denver, Colo.
Wieland, Alice .....	La Junta, Colo.
Wiegel, Caroline L. ....	Denver, Colo.
Wilkinson, Besse .....	Pueblo, Colo.
Williams, M. Alice .....	Ft. Collins, Colo.
Williams, Mary E. ....	Pueblo, Colo.
Williams, Lula K. ....	Grand Junction, Colo.
Williamson, Laura .....	Denver, Colo.
Winans, Lillian .....	Platteville, Colo.
Wonder, Genevieve .....	
Wood, Miriam .....	Denver, Colo.
Work, Lucy C. ....	Houston, Texas
Wyatt, Geo. W. ....	Denver, Colo.
Wylie, Helen .....	Platteville, Colo.
Young, Grace E. ....	Ft. Collins, Colo.
Young, Mattie .....	Denver, Colo.
Zieger, Georgia Ardell .....	Pueblo Colo.
Zoller, Sister Rose Cecilia .....	Denver, Colo.

## EXTENSION ENROLLMENT—CONTINUED

## INDIVIDUAL PLAN—COLLEGE

Adams, Emory G. ....	Roberts, Idaho
Adams, Frances .....	St. Joseph, Mo.
Albright, Ray .....	Greeley, Colo.
Alexander, Calvin .....	Silver Cliff, Colo.
Allen, Alice .....	Chickasha, Okla.
Allison, Lute M. ....	Sterling, Colo.
Ambrose, Amanta .....	Ft. Morgan, Colo.
Anderson, Clara .....	Denver, Colo.
Anderson, Florence .....	Wheatridge, Colo.
Anderson, Marion W. ....	Denver, Colo.
Anderson, Rachel .....	Frederick, Colo.
Andrew, Elsie E. ....	Colorado Springs, Colo.
Aluerson, Helen M. ....	Branson, Colo.
Annette, Sister M. ....	Appleton, Wisc.
Armstrong, Mabel F. ....	Honolulu, H. I.
Arozene Frances .....	El Paso, Texas
Ashbrook, Belle .....	St. Joseph, Mo.
Ashlock, Ethel .....	Walsenburg, Colo.
Atkins, Ruth .....	Pierce, Colo.
Avison, Florence .....	Sioux City, Iowa
Babcock, Carrie Rose .....	Littleton, Colo.
Babcock, Gladys May .....	Littleton, Colo.
Back, Mrs. Roy .....	Pueblo, Colo.
Bachman, Rosa E. ....	Akron, Colo.
Bagley, Arthur W. ....	Eckley, Colo.
Bailey, Mildred .....	Mt. Morrison, Colo.
Bair, F. H. ....	Colorado Springs, Colo.
Baker, Rachel J. ....	Manzanola, Colo.
Bales, Elena .....	Denver, Colo.
Barber, Sara .....	Grover, Colo.
Barbieri, Jennie R. ....	Denver, Colo.
Barham, Della .....	Dallas, Texas
Barnard, Adella .....	Florence, Colo.
Barnard, Floy .....	Johnstown, Colo.
Barnard, Gladys .....	Florence, Colo.
Barnes, Mrs. Abbie C. ....	St. Joseph, Mo.
Barney, Florence .....	Denver, Colo.
Barry, Catherine M. ....	Rockford, Ill.
Barry, John H., Jr. ....	Winslow, Ariz.
Bartlett, Eva H. ....	Grover, Colo.
Barton, Ada L. ....	Canon City, Colo.
Basquin, Mrs. Olive .....	Laird, Colo.
Baumchen, Bertha .....	St. Marys, Kans.
Baylons, Mrs. Gertrude .....	Colby, Kans.
Bechtolt, Nora .....	Yuma, Colo.
Behrensmeyer, Selma .....	Quincy, Ill.
Beiler, Ruth .....	Taos, N. M.
Belling, Elizabeth .....	Jelm, Wyo.
Bennett, M. Leah .....	Hastings, Colo.
Berg, E. Matilda .....	Pueblo, Colo.
Bertagnolli, Mrs. M. B. ....	Denver, Colo.
Bieler, John Victor .....	Magdalena, N. M.
Bieler, Mrs. Willie Belle .....	Magdalena, N. M.
Billan, Myrtle .....	Socorro, N. M.
Bird, D. E. ....	Bear Creek, Mont.
Bivens, Belva .....	Maysville, Mo.
Blaisdell, Edith .....	Paola, Kans.
Blair, Hattie L. ....	Greeley, Colo.
Blakeman, Isa J. ....	Greeley, Colo.
Block, Margaret .....	Cozad, Nebr.
Bloomfield, Mrs. Pauline .....	Elmo, Mo.
Boge, Ethel .....	Denver, Colo.
Bollinger, Roy .....	Greeley, Colo.
Booth, Maree .....	Haxtun, Colo.
Boreing, Maude .....	Pueblo, Colo.
Bowlds, Mrs. Blanche .....	Greeley, Colo.
Braddy, Hazel .....	Oak Creek, Colo.
Bradley, Margaret B. ....	Denver, Colo.
Brandon, Elizabeth .....	Akron, Colo.
Brassell, Lura .....	Denver, Colo.
Breck, Jennie T. ....	Hammond, Ind.
Brock, Ethel .....	Bridgeport, Texas
Brommer, Anne .....	Buffalo, Wyo.
Brookhart, Viola .....	Las Animas, Colo.
Brooks, Bernice .....	Briggsdale, Colo.

Brooks, Ida Belle .....	Greeley, Colo.
Brown, Mae .....	Creighton, Nebr.
Brown, Mrs. Margaret D. ....	Weldona, Colo.
Brown, Naomi H. ....	St. Joseph, Mo.
Bruckner, Grace .....	Greeley, Colo.
Brunstein, John .....	Leola, S. Dak.
Bryson, Josephine .....	Eaton, Colo.
Buckert, Louise .....	Rawlins, Wyo.
Buck, B. Garnett .....	Denver, Colo.
Buckmaster, Stella .....	Dallas, Texas
Buddin, Celia .....	Pierson, Iowa
Bunnell, Clara .....	Trinidad, Colo.
Bunnell, Ina .....	Trinidad, Colo.
Bunning, Edith .....	Holyoke, Colo.
Bunning, Emma .....	Leadville, Colo.
Burke, Irene .....	Stonington, Ill.
Burton, Ada L. ....	Canon City, Colo.
Callaway, A. B. ....	Dodge City, Kans.
Campbell, Della .....	Colorado Springs, Colo.
Campbell, Geraldine .....	Bayfield, Colo.
Carey, Eva .....	Loveland, Colo.
Carey, J. A. ....	Goodrich, Colo.
Carpenter, Mrs. Helen .....	Dubois, Wyo.
Carter, Mrs. Marie Sims .....	Paonia, Colo.
Carter, Mrs. Ocie .....	Colorado Springs, Colo.
Case, Bernice A. ....	Lamar, Colo.
Cassidy, Rose .....	Rockford, Ill.
Cathey, Elsie .....	Ft. Worth, Texas
Chamberlain, Frances .....	Phoenix, Ariz.
Chandler, Chas. A. ....	Declo, Idaho
Chase, Lucile B. ....	Denver, Colo.
Chindahl, HulDAH .....	Rockford, Ill.
Christenson, Nettie L. ....	Ault, Colo.
Church, Alice S. ....	Broomfield, Colo.
Churchill, Lillian M. ....	Denver, Colo.
Clark, Kathryn .....	Herington, Kans.
Clark, Myra L. ....	Denver, Colo.
Clearwater, Rachel H. ....	Brownsville, Texas
Claiborne, Bertha .....	El Mara, Colo.
Clough, Madalin .....	Shelbyville, Mo.
Clouse, Grace .....	Dallas, Texas
Clyncke, Alice .....	Boulder, Colo.
Coatney, Grace .....	Wymore, Nebr.
Cologne, Catherine .....	Branson, Colo.
Collins, Jessie M. ....	Denver, Colo.
Collins, Marguerite .....	Silver Plume, Colo.
Combs, Ethele L. ....	Denver, Colo.
Condra, Maude .....	Greeley, Colo.
Cook, Frances .....	Marianna, Ark.
Cook, Marguerite .....	Topeka, Kans.
Cook, Stella M. ....	Rockford, Ill.
Cooper, Anna E. ....	Newport, Ky.
Cooper, Estelle .....	Topeka, Kans.
Corliss, Grace .....	St. James, Minn.
Cornett, Winifred D. ....	Rocky Ford, Colo.
Cornwall, Lillian .....	Aspen, Colo.
Coulter, Nellie H. ....	Oak Creek, Colo.
Cox, Ora .....	Medford, Ore.
Crawford, Ethel P. ....	St. Joseph, Mo.
Crelly, Madge .....	Larchwood, Iowa
Cummings, Mrs. Catherine ..	Pueblo, Colo.
Curtis, H. W. ....	Wray, Colo.
Daniels, Mary .....	Florence, Colo.
Daubenspeek, Esther .....	Denver, Colo.
Davis, Charlotte .....	Lamar, Colo.
Davis, Jessie .....	Ft. Collins, Colo.
Davis, Ruth .....	Beatrice, Nebr.
Davis, Vina .....	Stoutsville, Mo.
Dawson, Floy .....	Oklahoma City, Okla.
Dean, Nell M. ....	Perry, Okla.
Dedman, C. V. ....	Castle Rock, Colo.
Delbert, Genevieve .....	Denver, Colo.
Delphine, Sister M. ....	Omaha, Nebr.
Dickens, May H. ....	Brownsville, Texas
Dickerson, Elizabeth .....	Evans, Colo.
Dickey, Anna E. ....	Valdez, Colo.
Dillon, Mary B. ....	Greeley, Colo.

Ditmars, Mary .....	Castle Rock, Colo.
Dittus, Carolyn Wolfe .....	Denver, Colo.
Doan, Winifred J. ....	Denver, Colo.
Dolph, A. H. ....	Cheraro, Colo.
Donelson, Eva .....	Loveland, Colo.
Donelson, Hazel .....	Cheyenne, Wyo.
Doull, Frances R. ....	Denver, Colo.
Brean, Sister Mary Gabriella .....	Denver, Colo.
Duboff, Miriam L. ....	Yampa, Colo.
Dunbar, Maude .....	Deckers, Colo.
Dutcher, Emma .....	Guthrie, Okla.
Eager, Mrs. Ruth K. ....	Denver, Colo.
Eckerman, Dwight .....	Loveland, Colo.
Eddy, Grace .....	Ft. Collins, Colo.
Edison, Irma C. ....	Erie, Colo.
Edwards, C. J. ....	Louisville, Colo.
Edwards, Mrs. Eva .....	Marlow, Okla.
Edwards, Maida .....	Ft. Worth, Texas
Elam, Fern .....	Moulton, Iowa
Elder, Mary M. ....	St. Joseph, Mo.
Eldridge, Mrs. Della .....	Piqua, Ohio
Elliott, Eula .....	Ft. Collins, Colo.
Ellis, Minnie .....	Hasdell, Texas
Ellison, Lottie .....	Weston, Colo.
Erwin, Ralph .....	Greeley, Colo.
Ewing, Violet Browning .....	Boulder, Colo.
Everett, Myra .....	Colorado Springs, Colo.
Fairchild, Ethel M. ....	Nowata, Okla.
Faker, Estelle .....	Denver, Colo.
Farmer, W. F. ....	Scott City, Kans.
Farris, Earl .....	Madison, Mo.
Felgar, Nellie .....	Greeley, Colo.
Finch, L. R. ....	Phoenix, Ariz.
Fink, Jessie Alice .....	Greeley, Colo.
Fitch, Myra A. ....	Worcester, Mass.
FitzMaurice, Mrs. T. P. ....	St. Joseph, Mo.
Flanagan, Stella M. ....	Canon City, Colo.
Floyd, Catherine .....	Mt. St. Joseph, Ohio
Footte, Essie B. ....	Cambridge, Ohio
Fortune, Ruby .....	Keota, Colo.
Fowler, Mabel P. ....	Parker, Colo.
Fowler, B. B. ....	Parker, Colo.
Frauchs, Amelia .....	Trinidad, Colo.
Freseman, Flora .....	McLaughlin, S. Dak.
Frike, Anna A. ....	Quincy, Ill.
Fry, Elizabeth .....	Fairbury, Nebr.
Frye, Mrs. Faith L. ....	La Junta, Colo.
Fryklund, Verne C. ....	Kearney, Nebr.
Gardiner, Julia J. ....	Cambria, Wyo.
Garcia, Nea .....	Conejos, Colo.
Garnier, Thos. R. ....	Monte Vista, Colo.
Gibson, Annette .....	Rockford, Ill.
Giffen, Eva J. ....	Rockford, Ill.
Gigax, Agnes .....	Grand Junction, Colo.
Gigax, Minnie .....	Grand Junction, Colo.
Gill, Anna J. ....	St. Joseph, Mo.
Gill, Maida W. ....	St. Joseph, Mo.
Gillaspia, Marie A. ....	Colorado Springs, Colo.
Glafcke, Katherine .....	Greeley, Colo.
Gleasman, Belle .....	Montrose, Colo.
Gleasman, Lillian .....	Safford, Ariz.
Glover, Nancy .....	Hudson, Colo.
Goebel, Jessie E. ....	Denver, Colo.
Gonzoga, Sister M. ....	Mt. Pleasant, Iowa
Gore, Walter R. ....	Brush, Colo.
Gorman, N. V. ....	Keenesburg, Colo.
Goulette, Mrs. Emma J. ....	Shawnee, Okla.
Graham, Margery Ellen .....	Vinita, Okla.
Greek, Blanche M. ....	Greeley, Colo.
Gregory, Lydia E. ....	Rockford, Ill.
Gregory, Ruth .....	Carpenter, Wyo.
Green, Wm. M. ....	Ft. Worth, Texas
Gribble, Arsinia .....	El Paso, Texas
Griffen, Jessie .....	Denver, Colo.
Griffen, M. H. ....	Brighton, Colo.

Grimes, Sister M. DeSales .....	West Burlington, Ia.
Griswald, Mary .....	Ft. Lupton, Colo.
Grix, Mary B. ....	Ogden, Utan
Groves, Mabel A. ....	Ft. Morgan, Colo.
Gruber, Edna E. ....	Roseburg, Ore.
Guanella, Clementina M. ....	Council Bluffs, Ia.
Gardner, Anna L. ....	Colorado Springs, Colo.
Guise, Mabel .....	Boulder, Colo.
Hadley, H. H. ....	Rush, Colo.
Haines, Mary E. ....	Lamar, Colo.
Hakes, Stella M. ....	Colorado Springs, Colo.
Hall, Grace B. ....	Denver, Colo.
Hallaran, Nona .....	Ft. Worth, Texas
Hamilton, Maude .....	Collinsville, Ill.
Hancock, Ethel .....	Mt. Morrison, Colo.
Hand, Effie M. ....	Greeley, Colo.
Hannen, Frank S. ....	Greeley, Colo.
Hannen, Mrs. Minnie .....	Greeley, Colo.
Hansen, Clara .....	Manitou, Colo.
Hansen, Linnea .....	Aspen, Colo.
Hanson, Viola .....	Ault, Colo.
Harbert, Lily .....	Brush, Colo.
Harkey, Lena .....	Thackerville, Okla.
Harris, Blanche .....	Longmont, Colo.
Harris, Mrs. Flora .....	Nelson, Nebr.
Harris, Stella .....	Ludlow, Colo.
Hart, Vesta .....	Nowata, Okla.
Hartigan, Marie .....	St. Joseph, Mo.
Hathaway, Maria E. ....	Denver, Colo.
Haverty, Dorothy .....	Pueblo, Colo.
Haverty, Estella .....	Pueblo, Colo.
Hawkins, Edwin .....	Yoder, Colo.
Hay, Geo. A. F. ....	Webster Groves, Mo.
Hayden, Jessie .....	Pagosa Springs, Colo.
Haynes, Dorothy .....	Windsor, Colo.
Haynes, Ivan .....	Kansas City, Mo.
Hazlett, Grace .....	Paonia, Colo.
Hedeem, Eleanor .....	Denver, Colo.
Hepler, Sadie .....	Higbee, Colo.
Hester, Bernice .....	Denver, Colo.
Hewitt, Elsie .....	Delta, Utah
Hickey, Mary E. ....	Rockford, Ill.
Hicks, Mrs. Myrtle .....	Omaha, Nebr.
Higginbottom, Mrs. Minnie .....	Ordway, Colo.
Higgins, Ada .....	Paducha, Ky.
Hill, Mrs. Amy Hoskin .....	Arapahoe, Colo.
Hoagland, Mary A. ....	Scott City, Kans.
Hoerman, Hattie .....	Union Star, Mo.
Holliday, Katherine E. ....	Quincy, Ill.
Holmberg, Miss Alva .....	Pocatello, Idaho
Holmes, Ella .....	Padroni, Colo.
Holmes, Mossie .....	Youngstown, Ohio
Honsman, Fern P. ....	Wymore, Nebr.
Hopkins, Mabel .....	Rockford, Ill.
Howard, Martha .....	Taos, N.M.
Howell, Lucille V. (Mrs.) .....	Snyder, Colo.
Hubbard, Gladys .....	Longmont, Colo.
Hedden, Miranda .....	Scott City, Kans.
Hughston, Carrie .....	Dallas, Texas
Humberd, I. A. ....	Holcomb, Kans.
Humberd, Mrs. I. A. ....	Holcomb, Kans.
Hummer, Ruth E. ....	Denver, Colo.
Humphrey, Mrs. Bernice .....	Medicine Bow, Wyo.
Hunsaker, Ora .....	Center, Colo.
Hunter, Mrs. Edna M. ....	Pueblo, Colo.
Hunter, E. L. ....	Claude, Texas
Hunter, Mrs. E. L. ....	Claude, Texas
Hunter, Eula .....	Ft. Worth, Texas
Hunter, Mrs. Nannie .....	Loveland, Colo.
Ingersoll, Edna .....	Lafayette, Colo.
Ingmine, Jessie .....	Longmont, Colo.
Ingraham, Edw. G. ....	Platteville, Colo.
Irving, Amelie D. ....	Denver, Colo.
Iseman, Theresa T. ....	Loveland, Colo.

Jackson, Mrs. Vesta .....	Santa Barbara, Calif.
Jacobs, Gertrude M. ....	Trinidad, Colo.
Jacobson, Madelin .....	Sioux Rapids, Ia.
Jenkins, Grace .....	.....
Jerrell, E. W. ....	Minturn, Colo.
Job, Hilda .....	Wetmore, Colo.
Johnson, Clara E. ....	Newtonia, Mo.
Johnson, Mrs. C. D. ....	Vallorso, Colo.
Johnson, Mrs. Edith Glassford .....	Denver, Colo.
Johnson, Josephine .....	Warsaw, Mo.
Jones, Bea .....	Denver, Colo.
Jones, Olive M. ....	Denver, Colo.
Jones, W. R. ....	Salida, Colo.
Joyce, Jennie E. ....	Central City, Nebr.
Juden, Nancy .....	Colorado Springs, Colo.
Kane, Claude .....	La Junta, Colo.
Kauffman, Mrs. Norma C. ....	Carbondale, Colo.
Keena, E. E. ....	Glenwood Springs, Colo.
Kelly, Floyd .....	Estes Park, Colo.
Kelly, Terrence .....	Slater, Colo.
Kemmer Pearl .....	Willard, Colo.
Kendall, Phyllis Lee .....	Ft. Dodge, Ia.
Kenehan, Katherine .....	Denver, Colo.
Kennedy, Florence E. ....	Oak Creek, Colo.
Kent, Elsie A. ....	Nunn, Colo.
Kincaid, Laura C. ....	La Veta, Colo.
Kiker, Stella .....	Raton, N. M.
Kimbley, Lonnie .....	Brandon, Colo.
Kirwan, Ida .....	Greeley, Colo.
Knott, Millie M. ....	Davis Junction, Ill.
Krout, Marguerite .....	Denver, Colo.
Krusen, Alma .....	Denver, Colo.
Lacey, Mallie C. ....	Pueblo, Colo.
Lake, Della .....	Ft. Lupton, Colo.
Lambie, Jean .....	Denver, Colo.
Lambie, May .....	Denver, Colo.
Larson, Ruth .....	Grand Junction, Colo.
Larson, Merville .....	Watkins, Colo.
Lawrence, Mrs. Ethel .....	Clearmont, Mo.
Lawson, Florence .....	Wray, Colo.
Leahy, Anna .....	Ft. Worth, Texas
Lee, E. Gertrude .....	Denver, Colo.
Lepel, Christena .....	Gunnison, Colo.
Le Van, Atlanta .....	Littleton, Colo.
Lind, Jennie V. ....	Stromburg, Nebr.
Lobdell, Gertrude .....	Lawrence, Kans.
Lobdell, Fred M. ....	Lawrence, Kans.
Lockenour, Mary R. ....	Colona, Colo.
Loesch, Louise L. ....	Lawrence, Kans.
Logan, Hugh L. ....	Kearney, Nebr.
Lond, Harriet .....	Colorado Springs, Colo.
Long, Margaret J. ....	Rockford, Ill.
Lougheed, Grace .....	La Veta, Colo.
Loughran, Loretta .....	Denver, Colo.
Love, Madelon .....	NiWot, Colo.
Lowe, Lula E. ....	Berthoud, Colo.
Luttrell, Mary .....	Meeteetse, Wyo.
McAdam, Mrs. Lou .....	Maysville, Mo.
McAleer, Georgene .....	Louisville, Colo.
McCarty, Margaret .....	Hannibal, Mo.
McCumber, Mabel .....	Elmo, Mo.
McCutcheon, Jane .....	Greeley, Colo.
Macfarlane, Anna May .....	Cheyenne, Wyo.
McGlenn, Mildred .....	Windsor, Colo.
McGovern, Margaret F. ....	Denver, Colo.
McGuckin, Irene .....	Denver, Colo.
McLaughlin, Eunice .....	Holly, Colo.
MacLean, Etta A. ....	Littleton, Colo.
McLin, Inez V. ....	Kansas City, Mo.
McNair, Nell .....	Denver, Colo.
McQuatters, Emma Lou .....	Maxahachie, Texas
McReynolds, Clara .....	McAlester, Okla.
McReynolds, Grace .....	McAlester, Okla.
McVey, P. L. ....	Ft. Lupton, Colo.

McVey, Mrs. P. L.	Ft. Lupton, Colo.
Maddox, Mary Louise	Garo, Colo.
Mahan, Thos. J.	Leadville, Colo.
Mahen, Mrs. Constance C.	Yampa, Colo.
Mahon, Maude	Denver, Colo.
Maib, Iva Maude Rogers	Eldorado, Okla.
Malins, Edith Sargeant	Denver, Colo.
Malony, W. N.	Hastings, Ia.
Martin, Ralph W.	Woodland Park, Colo.
Martz, A. J.	Moore, Mont.
Massey, Joyce	East Las Vegas, N. M.
Mason, Blanche	Moberly, Mo.
Mason, Maude M.	New Plymouth, Idaho
Mathews, Frances Claire	Ft. Lyon, Colo.
Matley, Marie	Durango, Colo.
Matson, Edna A.	Greeley, Colo.
Maxville, Anne	Paonia, Colo.
Meacham, Ruth	Salida, Colo.
Meacham, W. A.	Ft. Worth, Texas
Means, Anna A.	Johnstown, Colo.
Melton, Lula	Ft. Worth, Texas
Melton, Ruth	Greeley, Colo.
Merrill, Mary C.	Jerome, Idaho
Merry, Lucy J.	Manitou, Colo.
Mess, Mabel	Chapman, Nebr.
Miller, Mrs. Josephine	Chicago, Ill.
Miller, Waldo S.	Greeley, Colo.
Millis, Grace	Dallas, Texas
Milner, Eva	Florence, Colo.
Milley, Harriet M.	Baldwin City, Kans.
Milligan, H. H.	Vroman, Colo.
Minitra, C. C.	Ozona, Texas
Mitchell, S. L.,	Leadville, Colo.
Moffatt, Hilda	Wheatland, Wyo.
Monroe, Fay Martin	Thatcher, Colo.
Monroe, Mable R.	Punxsutawney, Pa.
Moorman, J. C. (Mrs.)	Maysville, Mo.
Morgensen, Lillie	Snyder, Okla.
Morgan, Frances E.	McLaughlin, S. Dak.
Morris, Marguerite	Lamar, Colo.
Morris, Mary A.	Vega, Texas
Morse, Bertha A.	Rockford, Ill.
Mott, Hope A.	Ottawa, Kans.
Mullins, Ida	Paoli, Kans.
Mulvehill, Mary E.	Denver, Colo.
Munger, Lilla	Denver, Colo.
Murray, Hazel	Primer, Colo.
Myers, Maida	Pierce, Colo.
Myers, Mrs. Marie N.	Mt. Morrison, Colo.
Nelson, Hulda	Boulder, Colo.
Nester, Pearl Lindsey	Boonville, Ia.
Neville, La Veta	Purcell, Colo.
Nickens, Bessie	Dallas, Texas
Nix, Mrs. Lily L.	Brush, Colo.
Noble, Iva	Grover, Colo.
Norris, Ailene	Denver, Colo.
Nowlin, E. W.	Webster Groves, Mo.
O'Brien, Margaret G.	Rockford, Ill.
O'Bryan, Sylvia	Loma, Colo.
Onderkirk, Ruth	Derby, Colo.
O'Neil, Margaret E.	Laramie, Wyo.
Orme, Myrtle	St. Joseph, Mo.
Orme, Nellie	St. Joseph, Mo.
Orris, Marion C.	Erie, Colo.
O'Toole, Clara E.	Denver, Colo.
Owen, Bernice	Denver, Colo.
Palmer, Berenice	Raton, N. M.
Parrish, Frankie E.	St. Joseph, Mo.
Parsons, Beatrice	Arriba, Colo.
Patten, Mrs. Mabel	Arlington, Colo.
Peers, Katherine E.	Boulder, Colo.
Pelton, Eveline	Denver, Colo.
Peters, Iva	Renwick, Ia.
Peterson, Mrs. Harvey N.	Walsenburg, Colo.
Peterson, Lillie	Rockford, Ill.

Petit, Avis	Denver, Colo.
Phelps, Ella M.	Youngstown, Ohio
Phelps, Mrs. Elma	Guthrie, Okla.
Phillips, Georgia M.	Forsyth, Mo.
Pickering, Maude	Tulsa, Okla.
Pierce, Lulu I.	Breckenridge, Colo.
Pike, Vera S.	Denver, Colo.
Pingrey, Jennie N.	Emmetsburg, Ia.
Pitney, Lorene	Cheraw, Colo.
Pitts, Mrs. Harry	Avalon, Calif.
Plackard, Lillie	Salem, Ind.
Plunk, A. C.	La Junta, Colo.
Pollock, Grace	Olney Springs, Colo.
Potthoff, Ella	Antonito, Colo.
Potts, Frances	Council Bluffs, Ia.
Powell, Ethel	Hudson, Colo.
Power, Martha	McAllester, Okla.
Prescott, Blake D.	Laramie, Wyo.
Prewitt, Hattie O.	Ft. Worth, Texas
Price, Alberta	Woodman, Colo.
Price, Delia	Hygiene, Colo.
Pruhs, Clare M.	Montpelier, Idaho
Pyle, Laura Lee	Rockford, Ill.
Quigley, Anna M.	Yakima, Wash.
Quillian, Emma	Ft. Worth, Texas
Quirk, Anna	Guiley, Colo.
Ramsay, Edith Beth	Bellingham, Wash.
Rasar, Isa T.	McAllester, Okla.
Rathbun, Hazel L.	Greeley, Colo.
Rayl, Mrs. Margaret	Greeley, Colo.
Raymond, Anna	Manzanola, Colo.
Reboulet, Sister Mary Basilia	Denver, Colo.
Rea, Rachel M.	Hutchinson, Kans.
Ream, Mary L.	Frederick, Colo.
Reiff, Elizabeth	Cheyenne, Wyo.
Rhea, Alda	Greeley, Colo.
Rhodes, Mrs. Neva	Clearmont, Mo.
Riddle, Nora	Grand Junction, Colo.
Robb, J. G.	Karval, Colo.
Robb, Roxanna	St. Joseph, Mo.
Roberts, Louie C.	Weatherford, Okla.
Roberts, Neil	Sparta, Mo.
Robertson, Margaret	Pueblo, Colo.
Rogers, Lillene	Sweetwater, Texas
Rosenblum, Beulah	Nederland, Colo.
Routh, Jewell	Wellington, Colo.
Sampson, H. H.	Bridgeport, Texas
Sampson, Mrs. H. H.	Bridgeport, Texas
Sanbo, Helen E.	Denver, Colo.
Savits, Mabel Hopkins	Brighton, Colo.
Scanlon, Ella R.	Red Cliff, Colo.
Schafmayer, Ruth	Rockford, Ill.
Schisler, Pearle	Denver, Colo.
Schneider, Marie E.	Ft. Collins, Colo.
Schnorr, Albert J.	Johnstown, Colo.
Schulte, Mabel	Holyoke, Colo.
Schwalb, Minnie	Gunnison, Colo.
Scone, Blanche M.	Rockford, Ill.
Scone, Elizabeth	Rockford, Ill.
Scott, Ruth	Louisville, Colo.
Searcy, Clara	Pershing, Okla.
Sedgwick, Myrtle M.	Berthoud, Colo.
Seip, Katherine	St. Joseph, Mo.
Sellstrom, Evelyn	Mustang, Colo.
Shaver, Mrs. Morey	Maysville, Mo.
Shay, Verna	Ft. Lupton, Colo.
Sheppard, Paul R.	Breckenridge, Colo.
Singer, Olive	Hotchkiss, Colo.
Slagle, Faye	Barada, Nebr.
Slockett, Florence H.	Greeley, Colo.
Smelser, Stella N.	Ft. Collins, Colo.
Smith, Ada McAlpin	Hugo, Colo.
Smith, Eunice	Rye, Colo.
Smith, Guy C.	Lewis, Kans.
Smith, Helen R.	Florence, Colo.



Smith, Laurette ..... Tabasco, Colo.  
 Smith, Marie ..... Ft. Morgan, Colo.  
 Smith, Otis ..... Kimball, Nebr.  
 Smith, Otis Elwin ..... Treynor, Ia.  
 Smith, Wells ..... Kit Carson, Colo.  
 Smith, Mrs. Wells ..... Kit Carson, Colo.  
 Speck, Vera P. .... Eaton, Colo.  
 Spencer, Harry A. .... Las Animas, Colo.  
 Steele, Vera N. .... Otis, Colo.  
 Stidham, Oleta ..... Checotah, Okla.  
 Steidley, H. A. .... Ignacio, Colo.  
 Steidley, Mrs. May ..... Greeley, Colo.  
 Stephens, F. M. .... Leadville, Colo.  
 Steward, Faith ..... Greeley, Colo.  
 Stockdale, Martha E. .... Colorado Springs, Colo.  
 Stoddard, Helen ..... Pueblo, Colo.  
 Strait, Mrs. Rose B. .... Pueblo, Colo.  
 Streibich, Anne ..... Butte, Mont.  
 Stroh, Mabel ..... Milliken, Colo.  
 Sullivan, Nora ..... Eagle, Colo.  
 Sutley, Thelma ..... Center, Colo.  
 Swanson, C. G. .... Victor, Colo.  
 Swanson, Mabel ..... Colorado Springs, Colo.  
 Sweet, Alice Mae ..... Denver, Colo.

Tandy, Edna ..... Carbondale, Colo.  
 Taylor, Dorothy A. .... Milliken, Colo.  
 Templeman, Alma ..... Berthoud, Colo.  
 Terrell, C. W. .... Berwind, Colo.  
 Theobald, Mrs. Cora ..... Breckenridge, Colo.  
 Thomas, Harry ..... Sanford, Colo.  
 Thompson, Edith S. .... Pueblo, Colo.  
 Thorne, Helen ..... Delcarbon, Colo.  
 Thorne, Martha ..... Delcarbon, Colo.  
 Tidball, Elizabeth ..... Ray, Ariz.  
 Towell, J. F. .... Scott City, Kans.  
 Town, Geraldine Croft ..... Greeley, Colo.  
 Travis, R. C. .... Greeley, Colo.  
 Traw, Ona C. .... Flagler, Colo.  
 Triem, Emma ..... Kersey, Colo.  
 Trovinger, Vinita ..... Colorado Springs, Colo.  
 Trygg, Oscar A. .... Grano, N. Dak.  
 Tubbs, Myrtle L. .... Barnesville, Colo.  
 Turner, Anis ..... Collbran, Colo.  
 Turner, Clara ..... Racine, Wisc.  
 Tweeddale, Hannah D. .... Trinidad, Colo.  
 Tyler, Mrs. Beulah B. .... Grover, Colo.  
 Tynan, Elizabeth F. .... Rockford, Ill.

Ulery, Mrs. Laura F. .... Collinsville, Ill.  
 Unger, Nellie M. .... Keokuk, Ia.  
 Vallat, Mrs. Genevieve W. .... Johnstown, Colo.  
 Vance, Mrs. R. B. .... Ft. Worth, Texas  
 Vance, Mrs. Una E. .... Pueblo, Colo.  
 Van Rensselaer, Mrs. Leona ..... Santa Margarita, Calif.  
 Van Voorhis, Elizabeth ..... Arvada, Colo.  
 Vaughn, Helen M. .... Eads, Colo.  
 Vivian, Mrs. Edith Lewis ..... Denver, Colo.

Wagner, Marguerite ..... Gowanda, Colo.  
 Walker, Geo. R. .... Cuba, Mo.  
 Wallis, V. W. .... Arlington, Colo.  
 Walsh, Cecelia ..... Greeley, Colo.  
 Walsh, S. S. .... Wendell, Idaho  
 Walrod, Audrey ..... Lead, S. Dak.  
 Walter, Edna ..... Milliken, Colo.  
 Ward, Alice T. .... Denver, Colo.  
 Warren, Mary ..... Childers, Texas  
 Waring, Madeleine ..... Denver, Colo.  
 Watson, Alice M. .... Denver, Colo.  
 Webster, Margaret ..... Ft. Worth, Texas  
 Wedow, Theresa ..... Glendo, Wyo.  
 Weedin, Della ..... Tarkio, Mo.  
 Weeks, Ednamay ..... Nowata, Okla.  
 Weis, Lucille ..... Dawson, N. M.  
 Weisser, Helen ..... Topeka, Kans.  
 Weld, Mary A. .... Rockford, Ill.  
 Werkheiser, Ruth ..... Greeley, Colo.

Westlund, Nellie M.	Center, Colo.
Westman, Mrs. Gust	Flagler, Colo.
Weymouth, Edith M.	Denver, Colo.
Wheeler, Lucile B.	Sharon, Okla.
White, Flossil	Flagler, Colo.
White, Lettie	Eaton, Colo.
White, Mrs. Mabel A.	St. Joseph, Mo.
White, Mabela	St. Joseph, Mo.
Whitehead, Sarah R.	Denver, Colo.
Wichman, Mrs. Edna	Pine Bluffs, Wyo.
Wickham, Esther L.	Denver, Colo.
Wilkerson, R. A.	La Grande, Colo.
Willerton, Mabel A.	Greeley, Colo.
Williams, Frances J.	Cokedale, Colo.
Williams, Olive	Hanna, Wyo.
Williamson, Jessie E.	Ault, Colo.
Willsea, Mary A.	Denver, Colo.
Wilson, Genevieve	Milliken, Colo.
Wilson, Gladys	Greeley, Colo.
Wilson, John	Hazelton, Idaho
Wilson, Laura	Bois D'Arc, Mo.
Wilson, Louise	Brownsburg, Ind.
Winans, Charlotte	Platteville, Colo.
Winchester, J. A.	Rock Springs, Wyo.
Winn, Eleanor M.	Dallas, Texas
Wise, Hazel	Chivington, Colo.
Wolfe, Alpha L.	Nederland, Colo.
Wood, Francis	
Woodward, Greta	Greeley, Colo.
Worster, Susan J.	Rockford, Ill.
Wright, A. Ethel	Greeley, Colo.
Yates, Lon	Ft. Smith, Ark.
Yirsa, Barbara Worth	Greeley, Colo.
Yirsa, Gertrude	Greeley, Colo.
Young, Rachel	Central City, Nebr.
Zuck, Euna B.	Trinidad, Colo.

EXTENSION ENROLLMENT—CONTINUED

INDIVIDUAL PLAN—HIGH SCHOOL

Alexander, Mrs. Laura .....	Vona, Colo.
Ameter, Josephine .....	Lafayette, Colo.
Axsom, Byrl .....	De Nova, Colo.
Baylor, Mrs. Gertrude .....	Colorado Springs, Colo.
Benson, Philomene .....	Elizabeth, Colo.
Blackwood, Miss Jimmie .....	Greeley, Colo.
Bond, Dorothy R. ....	Edgewater, Colo.
Crabill, Ethel S. ....	Granada, Colo.
Edwards, Howard .....	Greeley, Colo.
Hadley, H. H. ....	Yoder, Colo.
Hayes, Mary .....	Denver, Colo.
Jackman, Marian .....	Shawnee, Wyo.
Johnson, Hazel A. ....	Rife, Colo.
McCallum, Addie .....	Arriba, Colo.
Mead, Pauline L. ....	Greeley, Colo.
Park, Dorothy E. ....	Bovina, Colo.
Parker, Mrs. Irene .....	Bear River, Colo.
Sawhill, A. L. ....	Seibert, Colo.
Schlosser, Reinard .....	Greeley, Colo.
Scott, Lillian Irene .....	Kit Carson, Colo.
Stillon, Branson G. ....	Eureka, Colo.
Underwood, Goldie .....	Stratton, Colo.
Van Hook, Ilalie .....	Los Angeles, Calif.
Wiley, Lula M. ....	Colorado Springs, Colo.
Wilson, Paul .....	Nunn, Colo.

TEACHERS COLLEGE HIGH SCHOOL  
FALL, WINTER AND SPRING QUARTERS

1922-1923

## NINTH GRADE

Adams, Ralph	McMillan, Verda
Aden, Lena	Mann, Claron
Anderson, Floyd	Meissinger, Fred
Anderson, Gertrude	Miller, Edwin
Anderson, Harold	Moore, Marguerite
Badger, Alice	Moore, Wendell
Baird, Helen Alberta	Moses, Nina
Baldwin, Jessie	Nolte, Rose
Bancroft, Carroll	O'Connor, Lenora
Bickel, Eloise	O'Connor, James
Bickel, Margaret	Otten, Bessie
Bickling, Archie	Oxford, Roy
Billings, Dorothy	Paris, Zuma
Bowers, John	Piper, Erma
Bowman, Floyd	Regester, Willis
Buchanan, Gilbert	Rhody, Paul
Burns, Mayme	Roberts, John
Clark, Bert	Robinson, Harold
Cooperrider, Katherine	Robinson, Howard
Cox, Myrtle	Rosett, Arthur
Chrisler, Olive	Royer, Dean
Cross, Neal	Sale, Katheryn
Donner, Earl	Schlosser, Everett
Ellis, Victoria	Schlosser, Katherine
Erdley, Ethyle	Schuster, Helen
Erickson, Alvin	Schwyhart, Edith
Fleming, Ruth	Scott, Betty
Fortune, Bruce	Seastrand, Eugene
Fortune, Nada	Shank, Donald
French, Hathaway	Shaw, Marjorie
Fuerst, Cora	Smith, John
Giesick, Ida	Soper, Edna
Ginther, Clara	Stillwell, Sanford L., Jr.
Glendenning, Earl	Swanson, Bernice
Gottschalg, Viola	Swope, Owen
Gowen, Allen	Sykes, Leah
Grossaint, Kenneth	Timothy, Glendon
Harvey, Henry	Trembath, Stanley
Henderson, Ebba	Tresler, Goldie
Highbarger, Lois	Voris, Clyde
Hill, Clifford	Warren, Frank
Hodgen, Velma	Waugh, John
Hofschulte, Leslie	White, Dorothy
Holliday, Mark	Wonenberg, Lillian
Hunter, Mildred	Wood, William
Koehler, Daniel	Woods, George
Lindberg, Marie	Woolum, Howard
Looney, Evelyn	Young, Harold
McCarty, Ernest	Young, Everett

## TENTH GRADE

Adams, Harvey	Danford, Ellen
Ahlstrand, Carol	Draper, Paul
Alexander, LeRoy	Eaton, Bourne
Alkire, Faye	Ellis, Virginia
Alles, Lydia	Field, Martin
Baker, Eva	Galland, Alva
Barber, Mary	Gosselin, Marjorie
Beesley, Evelyn	Grantham, Donald
Biederman, Bertha J.	Hadden, Margaret
Brown, Albert	Holmes, Clarence
Carlson, Carl	Howell, James
Carlson, Stanley	Humphrey, Walter
Carter, Emma	Hunter, Edith
Chesnut, Byron	Jarrett, John
Collins, Marion	Johnson, Kenneth
Copas, Alice	Johnson, Marion
Conlin, Ambrose	Johnson, Thelma
Crawford, Alice	Kell, Ople
Crouch, Lloyd	Kindred, Gordon

Kinsey, Max  
 Larson, Fordis  
 Latham, Florence  
 Long, Leland  
 Lundquist, Alphild  
 Lundquist, Ethel  
 Martinson, Vernon  
 Mellor, Dick  
 Meyers, Harold  
 Miller, Russell  
 Morse, Mabel  
 Mossberg, Clarence  
 Myers, Loyal  
 Nesbitt, Laura  
 Norcross, Lyle  
 Palmer, Ruth  
 Peden, Margaret  
 Pitts, Grace  
 Potter, Verda  
 Reed, Donald  
 Ritterbush, Hazel  
 Robinson, Mildred  
 Romans, Mary

Saalwaechter, Edwin  
 Salberg, Arthur  
 Schnoor, Mamie  
 Scott, Gladys  
 Scott, William  
 Seastrand, Conrad  
 Sjoberg, Mabel  
 Smith, Agnes  
 Sputh, Paul  
 Stephens, Pauline  
 Stonebraker, Margaret  
 Straley, Viola  
 Thiele, Anita  
 Thompson, Joe  
 Trembath, Dorothy  
 TraVis, Charles  
 Udd, Vincent  
 Waldhauser, Damon  
 Webber, Mary  
 Williams, Clyde  
 Zitnick, Elise  
 Zupke, Clara

ELEVENTH GRADE

Austin, Phyllis  
 Buffehr, Mildred  
 Bull, Ruth  
 Capshaw, Faye  
 Cooperrider, Leonard  
 Darbin, Flora  
 Day, George  
 Dempewolf, Arnold  
 Dempsey, Audrey  
 Dempsey, Robert  
 Downer, Walter  
 Dunn, Esther  
 Emel, Ruth  
 Fuhrmann, Beatrice  
 Ginther, August  
 Goodman, Russell  
 Henderson, Madge  
 Highley, Ethel  
 Holloway, Cecil  
 Humphrey, Carl

Lininger, Mildred  
 Lucas, Janie  
 McCaul, Will  
 Moss, Dixon  
 Mount, Ruth  
 Otten, Almeda  
 Parker, Inza Mae  
 Schade, Irene  
 Schwyhart, Mary  
 Self, Mamie  
 Sharpe, Richard  
 Sitzman, Lydia  
 Smith, Esther  
 Smith, Harley  
 Travers, Harold  
 Vance, Lester  
 Voris, Earl  
 Wheeler, William  
 White, Volney

TWELFTH GRADE

Armagost, Don  
 Baker, Ruth  
 Balent, Ella  
 Beesley, Hazel  
 Billings, Goldie  
 Bloder, Agnes  
 Bloder, Mary  
 Boardman, Philip L.  
 Boyer, Homer  
 Brake, Vera  
 Cass, Ella May  
 Crisler, Marie  
 Crowner, Isabel  
 Dempewolf, Bertha  
 Donner, Hattie  
 Dunn, Clyde  
 Dunn, Myer  
 Eaton, Thomas  
 Dunning, Nora Frances  
 Engel, Charles  
 Edgington, Neva  
 Evans, Earl  
 Fiedler, Mary  
 Flint, Leona  
 Forester, Byron  
 Gallegos, Otilia  
 Glidden, George  
 Glidden, John  
 Guillet, Mariorie  
 Hale, Edna G.

Harbottle, Lucile  
 Harbottle, Marguerite  
 Hargrove, Ralph  
 Harris, Kenneth  
 Hayes, Mary  
 Hill, Mary  
 Hofschulte, Agnes  
 Howe, Vera  
 Hubbard, Jessie  
 January, Velta  
 Johnson, Gervais  
 Jones, Thelma  
 Just, Olga  
 Kindred, Marion  
 Koehler, Henry  
 Lance, Lewis  
 McGaughey, Pherman  
 McNeal, Imogene  
 Marr, Brenton  
 Mashburn, Charles  
 Mashburn, Jack  
 Metzler, Nellie  
 Monroe, Florence  
 Oliver, Edna  
 Peterson, Robert A.  
 Romans, Helen  
 Royer, Rowena  
 Schlosser, Walter  
 Schlosser, Reinard  
 Schnoor, Beatrice

Scott, Olive  
Spencer, Edwin  
Stephens, Eleanor  
Streck, Lucille  
Taylor, Arthur  
Taylor, Charles  
Tibbetts, Vera  
Tipton, Mae

Van Laningham, Helen  
Waggoner, Belva  
Walbridge, Cecil  
Warren, Hugh  
White, Raymond  
Winter, Alice  
Woland, Lillian  
Wood, Katherine

## SPECIALS

Campbell, Paul  
Carter, Carl  
Connor, Frank  
Garnsey, Martha  
Gaul, John  
Lever, C. Wendell  
Ott, Louis

Rishel, Virginia  
Roebuck, Arthur F.  
Tiffenbach, Karl E.  
Spaulding, Elbert  
Warren, Mary  
Weiser, John

TRAINING SCHOOL

FALL, WINTER AND SPRING QUARTERS

1922-1923

KINDERGARTEN

Ament, Roland Willard	Kellow, Charles
Anderson, Billy	Kingman, Packard
Anderson, Dorothy	Kennison, Hope
Armentrout, William	Knousky, Chas. A.
Baab, Frances	McGunnigle, Robert
Baldon, Lawrence	McPherson, Jeannette
Bell, Virginia Stewart	Mann, Esther
Blair, Betty	Mason, Jane
Boardman, Robert	Meyers, Bobby
Cameron, Edwin	Mihos, Tom
Cameron, Dorothy Ruth	Nelson, Rhoda
Cameron, Paul Milton	Oliver, Dorothy, May
Clifton, Billy	Opdyke, Mary
Cline, Harry	Ostrander, Sara Jane
Collins, Helen	Pray, Anita
Cooper, Jack	Read, Martha
Crawford, Clay	Redfern, Frederick
Criswell, George	Rice, Faerita
Cummings, Robert	Robb, Orval
Davis, Teddy	Rodreick, Jean
Epplin, Frederick	Rodreick, Neill
Ericson, Ray Eugene	Rowe, Virginia
Faris, David	Sherman, Dwight
Farr, Karl	Stevens, Betty
Frise, Betty Jean	Stone, Ethel
Greening, Alice	Taylor, Horshel
Hall, George	Timothy, Myrl
Harbaugh, Albert	Timothy, Vyril
Hatch, Frances	Tobin, Billy
Harbottle, Richard	Trego, Howard
Hiatt, Gerald	Umstot, Nathaniel
Henry, Jimmy	Wadlin, Jack
Horn, Betty Jane	Ware, Jack
Horn, Frances	Warden, Robert
Huffsmith, Martha	Webster, Marion
Huffy, Betty Jane	Welch, Custer
Humphrey, Mary E.	Welch, Elmer
Jackson, Hugh	Wergin, Phyllis
Kellerman, Phillip	Wilson, Jean

FIRST GRADE

Abbott, Helen Fay	Haefell, Clara
Adams, George	Henry, James
Alexander, Beth	Hicks, Dorothy Jane
Alexander, Theo	Hicks, Pearl
Arnold, Willard	Hood, Dorothy
Atkinson, Thomas E.	Hood, Eugene
Bass, Jack	Jackson, Robert
Baum, Nancy	Jacobson, Doris
Bell, Donald	Jacobson, Merrill
Brake, Kendric	Jacobson, Rolla
Breitenstein, Mienk	Johnson, Frances Louise
Briggs, Robert	Larmon, Doris
Butcher, Bobby	Lindeman, Thos. W.
Carlson, Willard	McClelland, Juliamary
Cooper, Billy	McKannon, Betty
Crozier, Robert	McLeod, Doris
Dale, Beverly	Meyers, Eugene
Day, Arley	Miller, Carl
Elam, Carol	Mondt, Bruce
Farnworth, Billy	Morrison, Keneth
Freese, Birdie Louise	Murch, Clarence
Gardner, Louise	Neill, Clarence
Gates, Kathryn	Neill, Roderick
Gooden, Orville Grant	Pomeroy, Helen
Greening, Manual	Quinn, Dolly
Griffin, Betty	Radell, Beach
Griggs, Robert	Steidley, Theo.

Stillwell, T. Chandus  
 Stone, Sheldon  
 Trego, Vivian  
 Wheeler, John  
 Wilcox, Hilda

Williams, Rachel  
 Wishon, Effie  
 Wood, Dorothy  
 Wright, Frank

## SECOND GRADE

Adams, Valda  
 Alles, Victor  
 Barclay, Frances  
 Bass, Albert Carter  
 Bonell, David  
 Callicrate, Neill  
 Carol Effie  
 Donner, Orville  
 Fort, Lial  
 Gettman, Walter  
 Greening, Joe  
 Hall, June  
 Harrington, Marie  
 Henderson, Virginia  
 Hockett, Lucy  
 Keough, Rosie  
 Gler, Dora  
 McCain, Harley  
 McLeod, Roderick  
 McMillan, Helen  
 Markley, Carl

Mayer, Paul  
 Mihas, Bill  
 Morris, Jessie  
 Moses, Adelle  
 Orton, Myron  
 Osborn, Cleo  
 Ostrander, Robert  
 Packard, Nancy  
 Quinn, Virginia  
 Roberts, Lawrence  
 Self, Edna  
 Smith, Edna  
 Snyder, Earl Tyndall  
 Sturgeon, Earl  
 Styer, Pauline  
 Taylor, Beulah  
 Turner, Zeldia  
 Wagoner, Pauline  
 Weigland, Pauline  
 Williams, Ruth  
 Wishon, Mildred

## THIRD GRADE

Baylons, Margaret  
 Bell, Chauncey  
 Bell, Iris  
 Benoit, Mina  
 Blue, Betty  
 Castleman, William  
 Cline, Margaret Jane  
 Dale, Margery  
 Day, Lera  
 Donner, Charles  
 Finley, Mary Elizabeth  
 Gettman, Louise  
 Greening, Philip  
 Guillet, Billy  
 Guy, Cecil  
 Hofschulte, Dorothy  
 Humphrey, Burdett

Kinsey, Philip  
 Lindeman, Henrietta  
 Mayhew, Jaunita  
 Mayer, John  
 Mihas, George  
 Morris, Helen  
 Murch, George  
 Quinn, Genevieve  
 Scott, Billy  
 Skold, Arthur  
 Snyder, Elizabeth  
 Sperry, Ruby  
 Stephens, Robert  
 Tallman, Clara  
 Tann, Doris  
 Walters, John

## FOURTH GRADE

Barclay, Florence  
 Baylous, James  
 Boardman, Myron  
 Colvin, Margaret Bell  
 Davis, Dorothy  
 Dempsey, Doris  
 Dunn, Clara  
 Elam, Elizabeth  
 Ellis, Helen  
 Freeman, Norman Keith  
 Glendenning, Carol  
 Griggs, Ralph  
 Harris, Clarence  
 Heberlein, Daniel  
 Hofschulte, Margaret  
 Hofschulte, Mary  
 Kennison, Dawn  
 Kennison, Fern  
 Knowles, Dorothy  
 Knowles, Elizabeth

Larson, Merle  
 Lawrence, Elsie  
 Markley, Woodrow  
 Newell, Spencer  
 Phelps, Jean  
 Sale, Eugene  
 Self, Inez  
 Sitzman, Marian  
 Spencer, Newell  
 Stevens, Farren  
 Streck, Vincent  
 Stroh, Lester  
 Styer, Albert  
 Taylor, Roscoe  
 Travis, Melvin  
 Waldhauser, Evelyn  
 Wallace, Philip  
 Weigand, Sam  
 Windecker, Lillian



FIFTH GRADE

Alles, Victoria  
 Baker, Arthur  
 Benoit, Mary  
 Butcher, Douglas  
 Castleman, Regina  
 Dale, Joyce  
 Dunn, Thos.  
 Ellis, James Arthur  
 Erdley, Howard  
 Fiske, Lucille  
 Fleming, Alma  
 Freeman, Eleanor  
 Ginther, Mary  
 Gooden, Eulah  
 Gordahl, Agnes  
 Harbottle, Dorothy  
 Harrington, Delia  
 Hicks, Marie  
 Holt, Albert  
 Hunter, Harriet  
 Jackson, Nina  
 Johnson, Alice

Lehman, Dorothy  
 Lundquist, Doris  
 McMillan, Mayme  
 Mayer, Edward  
 Oster, Otto  
 Perdieu, Doris  
 Petrikin, Nancy  
 Roberts, Roland  
 Salberg, Herman  
 Sale, Helen  
 Samuelson, Frances  
 Shaw, Jack  
 Shewmake, Lester  
 Snyder, Ruby  
 Spears, Bernice  
 Stevens, Seymour  
 Straight, Dorothy  
 Weigand, Marie  
 Wilson, Sarah  
 Woldruff, George  
 Woldruff, Lois  
 Yoxall, Lorna

SIXTH GRADE

Ament, Elmira  
 Barger, Curtis  
 Bass, Louise  
 Boye, Carol  
 Campbell, Howard  
 Carbaugh, Nellie  
 Cooper, Harold  
 Culbertson, Grace  
 Dale, Donald  
 Darbin, Agnes  
 Donner, Ervin  
 Ellis, Martha Olive  
 Ellis, Mary  
 Farnworth, Natalie  
 Frazier, Eugene  
 Freeman, Eugene  
 Glendenning, Vesta  
 Greening, Susie  
 Hargrove, Helen  
 Harris, Kenneth  
 Humphrey, Hazel  
 Hunter, Warren  
 Jackson, Irene

Kihn, Ruben  
 Lawrence, Elmer  
 Lehan, Pat  
 Lewis, Fern  
 Luper, Carlton  
 Mayer, Wilmer  
 Mayer, Mary  
 Miller, Marshall  
 Oster, Louie  
 Porter, Cyrus  
 Reid, Roberta  
 Schwyhart, Lucille  
 Segel, Paul  
 Smith, Robert  
 Southard, Erving  
 Stroh, Ruben  
 Styer, Mabel  
 Swanson, Verna  
 Tallman, Rena  
 Travis, Florence  
 Waugh, Doris  
 Windecker, Dorothy  
 Wishon, Lovina

SEVENTH GRADE

Ahlstrand, Charlene  
 Badger, Robert  
 Baker, Earl  
 Boardman, Netta  
 Born, Emma  
 Bowers, John  
 Carrico, Oscar  
 Collins, Jack  
 Dale, Glenn  
 Dale, Kenneth  
 DeFoor, Gretchen  
 Detrich, Charles  
 Dempewolf, Lawrence  
 Evans, James  
 Freek, Louise  
 Freek, Raymond  
 Ginther, Elizabeth  
 Gooden, Herbert  
 Gillett, Meredith  
 Guy, Vivian  
 Harrington, Nellie

Hockett, Myrtie  
 Hofschulte, Joe  
 Kelly, Paul  
 Kihn, Evelyn  
 McCain, Jesse  
 Mahlman, Nellie  
 Mayborn, Evelyn  
 Miller, Hannah  
 Richards, Clara  
 Sale, Ethel  
 Sitzman, Elizabeth  
 Straight, Kenneth  
 Stroh, Harry  
 Sykes, Freida  
 Tann, Ethel  
 Thompson, James  
 Travis, Dorothy  
 Turner, Lester  
 Turner, Ollie  
 White, Isabel  
 Wright, Homer Lee

## EIGHTH GRADE

Alles, Amelia	Galland, Harold
Ament, Herman	Gettman, Henry
Baab, Clarence	Graves, Paul
Baker, Eugene	Hall, Marion
Benoit, Pansy	Harris, Harold
Benoit, Tom	Hockett, Marymargaret
Benway, Ruth	Kihn, Edvina
Bowman, Lodema	Kinsey, Muriel
Brethauer, Rachael	Kirk, Clarence
Brethauer, Sam	Lehan, Edward
Brown, Ruby	Long, Jean
Butcher, Winston	Luper, Lois
Candlish, Wilbur	Mosher, Mary
Carbaugh, Andy	Palmer, Roy
Chapp, Marie	Prunty, Beulah
Copeland, Verna	Skold, Arvid
Culbertson, Ruth	Thompson, Ruth
Culver, Edna	White, Marion
Day, Eunice	Williams, Dorothy
Flint, Mary	Windecker, John
Forshee, Adelle	Woldruff, Loren
Fuerst, Lydia	

PART V.  
PROGRAM OF COURSES.



# PROGRAM OF COURSES

FOR THE FALL, WINTER, AND SPRING QUARTERS

*Note:*—Take this copy of CATALOG and YEAR BOOK with you when you register.

## INSTRUCTIONS CONCERNING REGISTRATION

1. ALL COURSES FOR CREDIT.—There are no non-credit courses except Phys. Ed. 118. This is taken by students who are exempted from active exercise by the Physical Director upon the recommendation of the College physicians.
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. Those wishing to take seventeen or eighteen hours must take the Extra Hour Test, given at 1:30 p. m. on each registration day in Room 214.
3. TIME AND PLACE FOR REGISTRATION.—All registration takes place in the Gymnasium from 8:00 to 12:00 and from 1:00 to 4:00.
4. LATE REGISTRATION.—A fee of \$2.00 is charged for registration after the regular day for registration. Students more than two days late will have their programs cut in proportion to the time they miss from recitations.
5. ORDER OF REGISTRATION.—Present your credentials and get your materials for registration. Study the catalog and program very carefully and then make up a trial program. Take this to the head of the department in which you are majoring. After having your trial program approved by your adviser, take ample time to fill out neatly and carefully your program card and class cards. Fill all the blanks except

those for the signature of officers and teachers. Present these cards to your adviser for final inspection and signature. Then go to the Registrar, and finally, pay your fees.

6. UNCLASSIFIED STUDENTS.—Students who can fully meet the requirements for admission may enroll as unclassified students until they are ready to choose a major subject for specialization. Many first year students should remain as unclassified for the first quarter while they are learning the ways of the College and making up their minds as to a major subject.

7. PROGRAM CHANGES.—Changes in students' programs may be made for good reasons during the two days following the registration days. These changes are made by the Registrar.

8. PHYSICAL EDUCATION.—All freshmen and sophomores are required to take an *active exercise* course in physical education each quarter in residence.

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

10. EDUCATION 8.—Education 8 must be taken in the Fall Quarter by all students, both new and old, who have not already had the course.

11. ENGLISH 4.—English 4 is required of all 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. REQUIRED COURSE IN HYGIENE.—To meet the requirements of the Federal Hygiene Board *Hygiene 7* is required of all first year students. *Hygiene 108* is required once of all Juniors or Seniors.

13. PHYSICAL AND DENTAL EXAMINATIONS.—The same board requires an annual health examination for each student.

**FEES :**

Incidental Fee paid by all excepting those who hold college scholarships, per quarter.....	\$8.00
Non-resident fee, per quarter.....	5.00
Student Association fee, per quarter.....	2.50

**Fees for Laboratory and Materials:**

Art 1 and 2, per course.....	.50
Art 13 and 14, per course.....	1.50
Art 15 .....	1.00
Art 108 .....	2.00

**Biology:**

Botany 1, 2, 3 and 101, per course.....	1.00
Botany 4, 102, 103, per course.....	1.50
Zoology 1, 2, 3, and 102, per course.....	1.00
Zoology 5 .....	.75
Zoology 101 and 105, per course.....	1.50
Zoology 107 .....	2.00
Bacteriology 1 .....	1.50
Nature Study 1 and 2, per course.....	.50
Biology 2 .....	.75

**Chemistry:**

Chem. 1, 2, 3, 3b, 108, 109, 112, 117, and 201, per course .....	3.00
Chem. 4, 5, 6, 7, 110, 111, 113, 114, 114b, 115, 115b, and 116, per course .....	4.00

**Commercial Arts:**

Com. A. 11, 12, and 13, per course.....	1.00
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**Household Science:**

H. S. 1 and 2, per course .....	3.00
H. S. 3 .....	3.50
H. A. 4 .....	2.50
H. A. 5 .....	.50
H. S. 103 .....	3.00
H. S. 105 and 106, per course .....	1.00
H. S. 104 .....	3.50
H. A. 108 .....	.50

**Industrial Arts:**

Ind. Arts 1, 2, 4, 8a, 8b, 19, 109a, 109b, 120, and 121, per course .....	2.00
Ind. Arts 10, 11, 12, 13, 105, 117, and 118, per course .....	1.00
Bookbinding, all courses, per course .....	1.00
Printing, all courses, per course.....	1.00

**Literature and English:**

Eng. 4, fee to cover cost of test for those who do not care to take Eng. 4 .....	.25
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**Physics:**

All courses, per course.....	3.00
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**Sociology:**

Soc. 3, 105, and 130, per course.....	.25
Music 30, 31, 32, 33, 34, 35, and 130, 131, 132, 133—Individual lessons. Fees paid before taking lessons. For fees see Director of the Conservatory.	

# FALL QUARTER PROGRAM

Time and Cat. Number	Description	Days	Credit Hrs.	Teacher	Room
8:00-8:50					
Ag. 1	General Agriculture	M T W Th	4	Hargrove	L11
Art 13	Applied Art Primary Grades	M T W Th	4	Baker	G200
Art 3A	Perspective and Freehand Drawing	M T W Th	4	Hill	G203
Art 14	Applied Art for Intermediate and Grammar Grades	M T W F	4	Lowe	G204
Bkbg. 1a	Elementary Bookbinding (two hours)	M T W Th	4	Schaefer	G100
Chem. 1 & 4	Laboratory Chemistry	T Th	2		300
Com. A. 13	Advanced Typewriting	M W F	3	Knies	HE301
Com. A. 1	Beginning Shorthand	M T Th F	4	Merriman	HE306
Ed. 10	The Elementary School Curriculum	M T W	3	Frasier	100
Ed. 4	Intermediate Grade Methods	M T W Th	4	McCowen	101b
Ed. 8	Educational Values	T Th F	3	Rugg	101
Ed. 3	Primary Methods	M T W Th	4	Sibley	T200
Eng. 106	The Teaching of English in the High School	M W F	3	Hawes	212
Eng. 1	Materials and Methods in Reading and Literature	M T Th F	4	Tobey	202
H. E. 111	Home Economics	T W Th F	4	Roudebush	HE207
Ind. Arts 1	Elementary Woodworking (2 hours)	M T W Th	4	Fouk	G1
Ind. Arts 8A	Elementary Art Metal	M T W Th	4	Hadden	G101
Latin 10	Freshman	T Th	2	Du Poncet	102
Math. 2	Trigonometry	M T Th F	4	Finley	304
Mus. 105	Beginning Orchestration	M W F	3	Cline	203
Mus. 41	Beginning Band	M W F	1	Hunt	T200
Mus. 40	Beginning Orchestra	T Th	1	Hunt	T200
P. E. 2	Anatomy (P. E. Major Course)	M T W Th	3	Cooper	L1
P. E. 58	Esthetic Dancing	M W F	1	Keyes	6
Physics 1	General Physics	M T W Th	4		2
Pol. Sc. 12	State Government	M T W Th	4	Smith	104
Print 1A	Elementary Printing (2 hours)	M T W Th	4	Bishop	G104
Print 2A	Intermediate Printing (2 hours)	M T W Th	4	Bishop	G104
Psych. 107	Mental Tests	M T W Th	4	Heilman	103



Time and Cat. Number	Description	Days	Credit Hrs.	Teacher	Room
Soc. 3	Introduction to Social Sciences	M W F	3	Howerth	208
Span. 5	Second Year	M W F	3	Du Poncet	102
<b>9:00-9:50</b>					
Art 4b	Design	M T W F	4	Hill	G200
Art 11	History of Architecture	Th	1	Hadden	G105
Biol. 2	Educational Biology	M T W Th	3	Jean	301
Chem. 108-110	Organic Chemistry (Lab. by appt.)	M W	3-4	Bowers	300
Com. A 50	Beginning Accounting	M T Th F	4	Colvin	HE306
Com. A 11	Beginning Typewriting	M T Th F	4	Knies	HE301
Com. A 17	Office Practice	Daily	12	Merriman	HE301
Ed. 45	Community Co-operation	W	1	Frasier	101
Ed. 223	Research in Education	T Th	2	Frasier	214
Ed. 10	The Elementary School Curriculum	M Th F	3	Rugg	101
Eng. 4	Speaking and Writing English	M T Th F	3	Arnett	101b
Eng. 4	Speaking and Writing English	M T Th F	3	Boardman	108
Eng. 4	Speaking and Writing English	M T Th F	3	Newman	100
Eng. 103	Advanced Public Speaking	M W F	3	Tobey	202
Eng. 105	Oral English in the High School	T Th	2	Tobey	202
Hist. 10	Social and Industrial History of the United States	M T W Th	4	Smith	104
H. Sc. 4	Nutrition	M T Th F	4	Pickett	207
H. Sc. 7	Household Management	T W Th	3	Roudebush	207
H. Sc. 106	Home Nursing	M T Th F	4	Wiebking	HE304
Hyg. 10	Occupational Hygiene	T Th	2		L1
Hyg. 7	General Hygiene	M W F	3		L1
Ind. Art 5	The Arts in Education	M W F	3	Hadden	G105
Math. 8	Teaching Arithmetic	T Th	2	Finley	304
Math. 100	Teaching Secondary Mathematics	M F	2	Finley	304
Mus. 105	Sight Singing	M W F	3	Cline	203
P. E. 64	Athletics for Women	M W F	1	Cave	Gym
P. E. 57	Folk Dancing	M W F	1	Keyes	6
Psych. 108A	Educational Tests	M T W Th	4	Heilman	103
Soc. 130	Social Psychology	T Th	2		208
Soc. 3	Educational Sociology	M W F	3	Howerth	208

FALL QUARTER

Time and Cat. Number	Description	Days	Credit Hrs.	Teacher	Room
Span. 105	Third Year	M W F	3	Du Poncet	102
Span. 225	Graduate	T Th	2	Du Poncet	102
10:00-10:25	Assembly	M W F			200
10:30-11:20					
Art 17	Lettering and Poster Composition	T Th	2	Hill	G200
Art 108	Pottery	T W Th F	4	Lowe	G204
Art 15	Pottery	W F	2	Lowe	G204
Biol. 2	Educational Biology	M T W Th	3	Jean	301
Bkg 1b	Elementary Bookbinding (2 hours)	M T W Th	4	Schaefer	G100
Com. A 150	Bank Accounting	M W F	3	Colvin	HE305
Ed. 1	Principles of Teaching and Observation	M W F	3	Blue	T200
Ed. 143	National, State and County Educational Administration	M T W Th	4	Frasier	100a
Ed. 8	Educational Values	M T F	3	Hargrove	100
Ed. 33	History of Modern Education	M T F	3	Rugg	101b
Eng. 15	Types of Literature	M T Th	3	Boardman	108
Eng. 120	Lyric Poetry	M T Th F	4	Newman	
Eng. 107	General Literature	M T Th F	4	Tobey	202
French 5	Second Year	M W F	3	Du Poncet	102
French 225	Graduate	T Th	2	Du Poncet	102
Geog. 4	Regular Geography of North America	M T Th F	4	Barker	101
Hist. 5	Early Modern Europe	M T W Th	4	Smith	104
H. Sc. 1a	Food and Cookery (2 hours)	M T Th F	4	Pickett	HE202
H. A. 107	History of Costume	T W Th F	4	Roudebush	HE301
H. A. 3 (Sec. 1)	Garment Making (2 hours)	M T W Th	4	Wiebking	HE304
Ind. Arts 6	Repair and Equipment Construction	M T W Th	4	Foulk	G1
Ind. Arts 10	Elementary Mechanical Drawing	M T W Th	4	Hadden	G105
Ind. Arts 11	Projections	M T W Th	4	Hadden	G105
Lib. 2	Receipt and Preparation of Books	M W F	3	Carter	101a
Math. 200	Advanced Differential Calculus	M T Th F	4	Finley	304
Mus. 20	Ancient History	M W F	3	Cline	203
Mus. 3	Introductory Harmony	M W F	3	Hunt	L11
Hyg. 7	General Hygiene	M W F	3	Bryson	L1

Time and Cat. Number	Description	Days	Credit Hrs.	Teacher	Room
P. E. 64	Athletics for Women	M W F	1	Cave	Gym.
P. E. 62	Plays and Games (1 hr. by arrang.)	T Th	1	Cave	Gym.
P. E. 5	History of Physical Education	T Th	2	Keyes	L1
Physics 3	Mechanics	M T W Th	4		2
Psych. 109	Clinical Studies of Problem Cases in T. S.	M T Th F	4	Bere	TS
Print 103a	Advanced Printing (2 hours)	M T W Th	4	Bishop	G104
Print 1b	Elementary Printing (2 hours)	M T W Th	4	Bishop	G104
Phych. 2b	Educational Psychology	M T W Th	3	Heilman	103
Soc. 110	Economics	T Th F	3		208
Soc. 3 (3d Sec.)	Educational Sociology	M W F	3	Howerth	208
11:30-12:20					
Art 2	Primary Grade Methods	M T Th F	4	Baker	G200
Art 104	Design and Composition	M T W Th	4	Hill	G206
Chem. 1	Inorganic Chemistry (Lab. by appt.)	M W	3	Bowers	300
Chem. 4	Inorganic Chemistry (Lab. by appt.)	M W	4	Bowers	300
Chem. 108-110	Laboratory Chemistry	M W	2		300
Com. A 12	Intermediate Typewriting	M T Th F	4	Knies	HE301
Ed. 147	Educational Surveys	W Th	2	Frasier	100a
Ed. 8	Educational Values	M T Th	3	Rugg	100
Eng. 126	The Informal Essay	M T Th F	4	Boardman	101a
Eng. 15	Types of Literature	M W F	3	Newman	108
Eng. 3	Public Speaking	M W F	3	Tobey	202
French 105	Third Year	M W F	3	Du Poncet	102
Geog. 8	Human Geography	M T Th F	4	Barker	101
Hyg. & P. E. 3	Anthropometry (Course for 2d yr. P. E. Majors)	M T W Th	4		L1
Ind. A 12	Elementary Architectural Drawing	M T W Th	4	Hadden	G105
Latin 110	Advanced	T Th	2	Du Poncet	102
Lib. 1	Elementary Library Course	T	1	Carter	202
Lib. 1	Elementary Library Course	Th	1	Carter	202
Mus. 4	Advanced Harmony	M W F	3	Hunt	L11
Nat. St. 1	General Nature Study	M T W Th	4	Jean	303
P. E. 62a	Plays and Games (Majors)	Daily	3	Cave	Gym
P. E. 64	Athletics for Women	M W F	1	Cooper	Field

FALL QUARTER

Time and Cat. Number	Description	Days	Credit Hrs.	Teacher	Room
P. E. 53	Gymnastics (Majors)	Daily	3	Keyes	6
Psych. 2a	Educational Psychology	M T Th F	3	Bere	101b
Psych. 111 or	Speech Defects or	M T	2	Heilman	103
Psych. 4	Elementary Course in Statistics	M T	2	Heilman	103
Soc. 132	The Family	M W F	3		208
Soc. 105	Principles of Sociology	M T Th F	4	Howerth	208
12:30-1:30	<b>Noon Intermission</b>				
1:30-2:20					
Art 5	Water Color Painting	M T W Th	4	Hill	G203
Bkbg. 103a	Advanced Leather Craft Work (2 hours)	M T W Th	4	Schaefer	G100
Bkbg. 1c	Elementary Bookbinding (2 hours)	M T W Th	4	Schaefer	G100
Bot. 1	General Botany	M T W Th	4	Jean	303
Biol. 2	Educational Biology	M T Th F	3		301
Chem. 1	Inorganic Chemistry (Lab. by appt.)	M W	3	Bowers	300
Chem. 4	Inorganic Chemistry (Lab. by appt.)	M W	4	Bowers	300
Com. A 4	Advanced Dictation	M T Th F	4	Merriman	HE306
Ed. 16	Training Course for Camp Fire Guardians	M	1	Lee	104
Ed. 52	Kindergarten Curriculum and Use of Materials	M T W Th	4	Lyford	T100
Ed. 8	Educational Values	W Th F	3	Roberts	100
Ed. 113	Organization and Administration of the Junior High School	M T Th F	4	Rugg	100a
Eng. 127	Shakespeare (Comedies)	M T Th F	4	Boardman	108
Eng. 8	History of English Literature	M T Th F	4	Newman	208
Eng. 14	Dramatic Art	M T Th F	4	Tobey	202
Geog. 113	Mathematical Geography	M T F	4	Barker	101
Geog. 130	Islands of the Sea	Th	1	Barker	101
Hist. 27	Contemporary History	T Th	2	Smith	104
H. Sc. 1b	Food and Cookery (2 hours)	M T Th F	4	Pickett	HE202
H. A. 4	Millinery (2 hours)	M W Th F	4	Roudebush	HE301
H. A. 3	Garment Making (2 hours)	M T W Th	4	Wiebking	HE304
Hyg. 7	General Hygiene	M W F	3		L1
Ind. Art 2	Intermediate Woodworking	M T W Th	4	Foulk	G1
Math. 7	Analytic Geometry	M T Th F	4	Finley	304

Time and Cat. Number	Description	Days	Credit Hrs.	Teacher	Room
Print. 2c	Intermediate Printing (2 hours)	M T W Th	4	Bishop	G104
Print. 103b	Advanced Printing (2 hours)	M T W Th	4	Bishop	G104
Psych. 2a	Educational Psychology	M T Th F	3	Bere	101b
Span. 1	First Year	M W Th F	4		102
<b>2:30-3:20</b>					
Art 4A	Applied Design	M T Th F	4	Baker	G200
Chem. 7-114	Quantitative	M T W Th	4	Bowers	302
Com. A 56	Penmanship Methods	M T Th F	4	Bedinger	214
Com. A 53	Business Mathematics	M T Th F	4	Colvin	HE306
Ed. 106	Types of Elementary Teaching and Learning	M T W Th	4	Armentrout	100a
Ed. 18	Ethics	W F	1	Gilpin-Brown	306
Ed. 51	Story Telling, Songs and Games for Kindergarten Primary Children	M T W Th	4	Lyford	T100
Ed. 8	Educational Values	M T W	3	Roberts	100
Eng. 4	Speaking and Writing English	M T Th F	3	Arnett	202
Eng. 2	The Teaching of Written English	M T Th F	4	Orndorff	108
French 1	First Year	M W Th F	4		102
Geog. 2	Physical Geography	M T Th F	4	Barker	101
Hist. 117	The Teaching of History and Civics in High School	T W Th	3	Smith	104
Hyg. 108	Individual Hygiene	M W F	2	Bryson	L1
Mus. 22	Appreciation	M W F	3	Cline	203
Mus. 10	Primary Methods	M W F	3	Roesner	T200
Psych. 110	General Psychology	M T Th F	4	Bere	101b
Soc. 209	Seminar	M T Th F	4	Howerth	208
Zool. 1	General Zoology	M T Th F	4		303
<b>3:30-4:20</b>					
Eng. 18	Debating (Women)	M	1	Boardman	202
Eng. 18	Debating (Men)	M	1	Finley	304
Eng. 100	Journalistic Writing	M W F	3	Shaw	108
H. A. 1	Textiles	T W Th	3	Wiebking	HE304
Mus. 101	Chorus	W	1	Cline	203
Mus. 43	Advanced Orchestra	M W	1	Hunt	T200
Mus. 44	Advanced Band	T Th	1	Hunt	T200

FALL QUARTER

Time and Cat. Number	Description	Days	Credit Hrs.	Teacher	Room
4:30-5:20					
Mus. 42	Schumann Glee Club	T Th	1	Cline	203
P. E. 64	Athletics for Women	M T Th	1	Cave	Gym
P. E. 68	Corrective Gynastics.	W	0	Bryson	
P. E. 66	College Football	Daily	1	Cooper	Field
P. E. 57	Folk Dancing	M W Th	1	Keyes	6
P. E. 56	Rhythmic Games (by arrang.)	T Th	1	Keyes	6
P. E. 64	Athletics for Women	M W F	3		Gym

## WINTER QUARTER PROGRAM

Time and Cat. Number	Description	Days	Credit Hrs.	Teacher	Room
8:00-9:00					
Ag. 1	General Agriculture	M T W Th	4	Hargrove	L11
Art 6	Art Appreciation	F	1	Baker	G103
Art 9	History of Art	M T W	3	Baker	G103
Art 3	Free-hand Drawing	M T W Th	4	Hill	G203
Art 1	Public School Methods	M T W Th	4	Lowe	G204
Biol. 2	Educational Biology	M T Th F	3		301
Bkbg. 1b	Elementary Bookbinding (double period)	M T W Th	4	Schaefer	G100
Chem. 2-5	Laboratory Chemistry	T Th	2		300
Com. A 54	Commercial Law	M T Th F	4	Bedinger	HE305
Com. A 11	Beginning Typewriting	M T Th F	4	Knies	HE301
Com. A 2	Intermediate Shorthand	M T Th F	4	Merriman	HE306
Ed. 115	Organization and Administration of an Elementary School	M T W	3	Frasier	100a
Ed. 3	Primary Methods	M T W Th	4		101b
Ed. 10	The Elementary School Curriculum	M T Th	3	Rugg	100
Eng. 12	Voice Culture	M T Th F	4	Casey	202
Hyg. 7	General Hygiene	M W F	3	Long	L1
Ind. Arts 1	Elementary Woodworking (2 hours)	M T W Th	4	Foulk	G7
Ind. Arts 109A	Art Metal	M T W Th	4	Hadden	G103

Time and Cat. Number	Description	Days	Credit Hrs.	Teacher	Room
Latin 12	Freshman	T Th	2	Du Poncet	102
Math. 5	College Algebra	M T Th F	4	Finley	304
Mus. 106	Advanced Orchestration	M W F	3	Cline	203
Mus. 41	Beginning Band	M W F	1	Hunt	T200
Mus. 40	Beginning Orchestra	T Th	1	Hunt	T200
P. E. 58	Esthetic Dancing	M W F	1	Keyes	6
Physics 2	General Physics	M T W Th	4		2
Pol. Sc. 25	Comparative Government	M T W Th	4	Smith	104
Print. 1b	Elementary Printing (2 hours)	M T W Th	4	Bishop	G106
Print. 103b	Advanced Printing (2 hours)	M T W Th	4	Bishop	G106
Psych. 1	Child Hygiene	M T W Th	4	Heilman	103
Soc. 3	Introduction to Social Sciences	M W F	3	Howerth	208
Span. 7	Second Year	M W F	3	Du Poncet	102
9:00-10:00					
Art 11	History of Architecture	Th	1	Hadden	G103
Art 4b	Design	M T W Th	4	Hill	G200
Biot. 102	Heredity and Eugenics	M T W Th	4	Jean	301
Chem. 109	Organic Chemistry (Lab. by appt.)	M W	3	Bowers	300
Chem. 111	Organic Chemistry (Lab. by appt.)	M W	4	Bowers	300
Com. A 51	Intermediate Accounting	M T Th F	4	Colvin	HE306
Com. A 12	Intermediate Typewriting	M T Th F	4	Knies	HE301
Com. A 17	Office Practice	Daily	12	Merriman	HE301
Ed. 45	Community Co-operation	W	1	Frasier	100a
Ed. 223	Research in Education	T Th	2	Frasier	100a
Ed. 1	Principles of Teaching	M T F	3	Rugg	100
Eng. 4	Speaking and Writing English	M T Th F	3	Arnett	101b
Eng. 15	Types of Literature	M W F	3	Newman	108
Eng. 116	The Festival	M W F	3	Casey	202
Hist. 4	Western American History	M T W Th	4	Smith	104
H. Sc. 105	Child Care	M T Th F	4	Pickett	HE207
H. Sc. 7	Household Management	T W F	3	Roudebush	HE207
H. A. 110	Advanced Textiles	M T W Th	2	Wiebking	HE304
Hyg. & P. E. 6	Research in P. E.	T	1 to 5	Long	L1

Time and Cat. Number	Description	Days	Credit Hrs.	Teacher	Room
Hyg. & P. E. 108	Individual Hygiene for Men	M W F	2	Long	L1
Ind. Art 104	Pre-vocational Education	M W F	3	Hadden	G103
Math. 106	Astronomy	M T Th F	4	Finley	304
Mus. 1	Sight Singing	M W F	3	Cline	203
Mus. 120	School Entertainments	T Th	2	Cline	203
P. E. 64	Athletics for Women	M W F	1	Cave	Gym
P. E. 64	Athletics for Women (1 hr. by arrang.)	T Th	1	Cave	Gym
P. E. 51	Gymnastics	M T Th	1	Keyes	6
Psych. 2b	Educational Psychology.	M T W Th	3	Heilman	103
Soc. 130	Social Psychology	T Th	2		208
Soc. 3	Educational Sociology	M W F	3	Howerth	208
Span. 107	Third Year	M W F	3	Du Poncet	102
Span. 227	Graduate	T Th	2	Du Poncet	102
10:00-10:25	Assembly	M W F			200
10:30-11:20					
Art 18	Drawing and Design	T Th	2	Hill	G200
Art 108	Pottery	T W Th F	4	Lowe	G204
Art 15	Pottery	T Th	2	Lowe	G204
Biol. 2	Educational Biology	M T W Th	3	Jean	303
Bkbg. 2c	Intermediate Bookbinding (2 hours)	M T W Th	4	Schaefer	G100
Com. A 151	Cost Accounting	M T Th F	4	Colvin	HE305
Ed. 1	Principles of Teaching and Observation	M W F	3	Blue	101b
Ed. 142	City School Administration	M T W Th	4	Frasier	100a
Ed. 21	Rural School Problems	M T W Th	4	Hargrove	L11
Ed. 10	The Elementary School Curriculum	T Th F	3	Rugg	100
Eng. 20	Intermediate Composition	M T Th F	4	Boardman	108
Eng. 121	Nineteenth Century Poetry	M T Th F	4	Newman	202
French 7	Second Year	M W F	3	Du Poncet	102
French 227	Graduate	T Th	2	Du Poncet	102
Geog. 100	Geology	M T Th F	4	Barker	101
Hist. 6	Recent Europe	M T W Th	4	Smith	104
H. Sc. 2a	Food and Cookery (2 hours)	M T Th F	4	Pickett	HE202



Time and Cat. Number	Description	Days	Credit Hrs.	Teacher	Room
H. A. 108	Costume Design	T W Th F	4	Roudebush	HE301
H. A. 102	Applied Design (2 hours)	M T W Th	4	Wiebking	HE304
Ind. Arts 19	Wood Turning (2 hours)	M T W Th	4	Foulk	G7
Ind. Arts 13	Advanced Architectural Drawing	M T W Th	4	Hadden	G105
Lib. 3	Classification and Cataloging	M T Th F	4	Carter	101a
Mus. 21	Modern Composers	M W F	3	Cline	203
P. E. 62	Plays and Games	M T Th	1	Cave	Gym
P. E. & Hyg. 62	Plays and Games (1 hr. by arrang.)	T Th	1	Cooper	Gym
P. E. 57	Folk Dancing	M W F	1	Keyes	6
Physics 10	Household Physics	M T W Th	4		2
Print. 2b	Intermediate Printing (2 hours)	M T W Th	4	Bishop	G106
Print. 103c	Advanced Printing (2 hours)	M T W Th	4	Bishop	G106
Psych. 2b	Educational Psychology	M T W Th	3	Heilman	103
Soc. 110	Economics	T Th F	3		208
Soc. 3	Educational Sociology	M W F	3	Howerth	208

11:30-12:20

Art 13	Applied Art Primary Grade	M T W F	4	Baker	G200
Art 102	Commercial Design	T W Th F	4	Hill	G203
Art 201	Color Composition	T W Th F	4	Hill	G203
Bot. 4	Plant Physiology	M T W Th	4	Jean	303
Biol. 2	Educational Biology	M T Th F	3		301
Chem. 2	Inorganic Chemistry (Lab. by appt.)	M W	3	Bowers	300
Chem. 5	Inorganic Chemistry (Lab. by appt.)	M W	4	Bowers	300
Chem. 109-111	Laboratory Chemistry	M W	2		300
Com. A 13	Advanced Typewriting	M W F	3	Knies	HE301
Ed. 144	School Publicity	M W	2	Frasier	100a
Ed. 228	Comparative School Systems	T Th F	4	Rugg	101a
Eng. 11	History of the English Language	M T Th F	4	Boardman	108
Eng. 16	Contemporary Literature	M W F	3	Newman	202
French 107	Third Year	M W F	3	Du Poncet	102
Geog. 12	Method in Geography	M T Th F	4	Barker	101
Hist. 124	The Far East	M T W Th	4	Smith	104

Time and Cat. Number	Description	Days	Credit Hrs.	Teacher	Room
Hyg. & P. E. 64	Athletics for Women	M W F	1	Cooper	Gym
Ind. Art 117	Elementary Machine Design	M T W Th	4	Hadden	G105
Latin 112	Advanced	T Th	2	Du Poncet	102
Lib. 1	Elementary Library Course	T	1	Carter	100
Lib. 1	Elementary Library Course	Th	1	Carter	100
Mus. 4	Advanced Harmony	M W F	3	Hunt	L11
Nat. St. 2	General Nature Study	M T W Th	4	Jean	303
P. E. 64 (Sec. 3)	Athletics for Women	M W F	1	Cave	6
P. E. 57	Folk Dancing (1 hr. by arrang.)	T Th	1	Cave	6
P. E. 59	Classical Dancing	T W F	1	Keyes	6
P. E. 53a	Gymnastics (Majors)	Daily	3	Long	Gym
Psych. 2a	Educational Psychology	M T W F	3	Bere	101B
Psych. 212	Statistical Methods Applied to Education	M T W Th	4	Heilman	103
Soc. 132	The Family	M W F	3		304
Soc. 105	Principles of Sociology	M T Th F	4	Howerth	208
12:20-1:30	Noon Intermission				
1:30-2:20					
Art 105	Oil Painting	M T Th F	4	Hill	G203
Art 200	Oil Painting	M T Th F	4	Hill	G203
Bkbg. 2a	Intermediate Bookbinding (2 hours)	M T W Th	4	Schaefer	G100
Bkbg. 103b	Advanced Leather Craft Work (2 hours)	M T W Th	4	Schaefer	G100
Chem. 2	Inorganic Chemistry (Lab. by appt.)	M W	3	Bowers	300
Chem. 5	Inorganic Chemistry (Lab. by appt.)	M W	4	Bowers	300
Com. A 105	Beginning Secretarial Training	M W F	3	Merriman	HE306
Ed. 101	Principles of Teaching in the High School	M T W Th	4	Blue	104
Ed. 16	Training Course for Camp Fire Guardians	M	1	Lee	100
Ed. 52	Kindergarten Curriculum and Use of Materials	M T W Th	4	Lyford	T100
Ed. 1	Principles of Teaching	W Th F	3	Roberts	100
Ed. 34	History of Education in United States	M Th F	3	Rugg	103
Eng. 128	Shakespeare (Histories)	M T Th F	4	Boardman	108
Eng. 9	History of English Literature	M T Th F	4	Newman	202
Geog. 7	Geography of Commerce	M T Th F	4	Barker	101

Time and Cat. Number	Description	Days	Credit Hrs.	Teacher	Room
H. Sc. 2b	Food and Cookery (2 hours)	M T Th F	4	Pickett	HE202
H. A. 5	Pattern Making (2 hours)	T W Th F	4	Roudebush	HE301
H. A. 8	Dressmaking (2 hours)	M T W Th	4	Wiebking	HE304
Hyg. 7	General Hygiene	M W F	3	Long	L1
Ind. Arts 2	Intermediate Woodworking (2 hours)	M T W Th	4	Foulk	G1
Math. 101	Calculus	M T Th F	4	Finley	304
Mus. 103	Counterpoint	T Th	2	Hunt	203
Mus. 107	Symphonic Analysis	M W	2	Hunt	203
P. E. 57a	Folk Dancing (Majors)	Daily	3	Keys	6
Print. 2c	Intermediate Printing (2 hours)	M T W Th	4	Bishop	G106
Print, 103a	Advanced Printing	M T W Th	4	Bishop	G106
Psych. 2a	Educational Psychology	M T W F	3	Bere	101B
Zool. 2	General Zoology	M T Th F	4		303
Span. 2	First Year	M W Th F	4		102
<b>2:30-3:20</b>					
Art 7	Constructive Design	M T Th F	4	Baker	G204
Bot. 2	General Botany	M T W Th	4	Jean	303
Chem. 7-114b	Qualitative and Quantitative	M T W Th	4	Bowers	302
Com. A 155	Business Organization	M W F	3	Colvin	HE306
Ed. 111a	Education Theory and Its Influence on Method and Practice	M T W Th	4	Armentrout	104
Ed. 18	Ethics	W F	1	Gilpin-Brown	101a
Ed. 118	Advanced Ethics	M T Th	3	Gilpin-Brown	101a
Ed. 51	Story Telling, Songs and Games for Kindergarten-Primary Children	M T W Th	4	Lyford	T100
Ed. 8	Educational Values	M T W	3	Roberts	100
Eng. 4	Speaking and Writing English	M T Th F	3	Arnett	101b
Eng. 19	Debating (Women)	M T W Th	3	Boardman	108
Eng. 19	Debating (Men)	M T W Th	3	Finley	304
French 2	First Year	M W Th F	4		102
Geog. 5	Geography of the New Europe	M T Th F	4	Barker	101
Hyg. & P. E. 108	Individual Hygiene	M W F	2	Bryson	L1
Mus. 23	Music Literature	M W F	3	Cline	203

WINTER QUARTER

Time and Cat. Number	Description	Days	Credit Hrs.	Teacher	Room
Mus. 104	Advanced Counterpoint	T Th	2	Hunt	203
Mus. 11	Advanced Methods	M W F	3	Roesner	T200
Psych. 105	Psychology of the High School Subjects	M T W F	4	Bere	103
Soc. 209	Principles of Sociology	M T Th F	4	Howarth	208
<b>3:30-4:20</b>					
Eng. 101	Journalistic Writing	M W F	3	Shaw	108
Eng. 13	The Art of Story Telling	M W F	3		202
Mus. 101	Chorus	W	1	Cline	203
Mus. 43	Advanced Orchestra	M W	1	Hunt	T200
Mus. 44	Advanced Band	T Th	1	Hunt	T200
Psych. 113	Vocational Psychology	M W F	3	Bere	101B
<b>4:30-5:20</b>					
Mus. 42	Schumann Glee Club	T Th	1	Cline	203
P. E. 68	Corrective Gym	T		Cave	6
P. E. 66	College Coaching	Daily	1	Cooper	Gym
P. E. 57	Folk Dancing	T W F	1	Keyes	6
P. E. 52	Gymnastics for Men	M Th	1	Long	L1

## SPRING QUARTER PROGRAM

Time and Cat. Number	Description	Days	Credit Hrs.	Teacher	Room
<b>8:00-9:00</b>					
Art 2	Primary Grade Methods	M W Th F	4	Baker	G200
Art 16	Antique	M T W Th	4	Hill	G203
Art 101	Drawing from Life	M T W Th	4	Hill	G203
Art 14	Applied Art for Intermediate and Grammar Grades	M T W Th	4	Lowe	G204
Bkg, 1a	Elementary Bookbinding (2 hours)	M T W Th	4	Schaefer	G100
Chem. 3-6	Laboratory Chemistry	T Th	2		300
Com. A 154	Economics of Retailing	M T Th F	4	Bedinger	HE305
Com. A 12	Intermediate Typewriting	M T Th F	4	Knies	HE301
Com. A 3	Shorthand Dictation	M T Th F	4	Merriman	HE306

Time and Cat. Number	Description	Days	Credit Hrs.	Teacher	Room
Ed. 3	Primary Methods	M T W Th	4	Dilling	101b
Ed. 10	The Elementary School Curriculum	M T W	3	Frasier	100
Ed. 21	County School Problems	M T W Th	4	Hargrove	L11
Ed. 111	Philosophy of Education	M T Th F	4	Rugg	100a
Ed. 4	Intermediate Grade Methods	M T W Th	4	Van Meter	T200
Eng. 4	Speaking and Writing English	M T Th F	3	Arnett	108
Eng. 12	Voice Culture	M T Th F	4	Casey	202
H. Sc. 104	Demonstration Cookery (2 hours)	T W Th F	4	Pickett	HE202
H. Sc. 108	House Sanitation	T W Th F	4	Roudebush	HE207
H. A. 6	Elementary Dressmaking (2 hours)	M T W Th	4	Wiebking	HE304
Hyg. & P. E. 1	Physiology of Exercise	M W F	3	Long	L1
Ind. Arts 1	Elementary Woodworking (2 hours)	M T W Th	4	Fouk	G1
Ind. Arts 109b	Art Metal	M T W Th	4	Hadden	G103
Latin 15	Freshman	T Th	2	Du Poncet	102
Math. 4	Surveying	T Th	4	Finley	304
Music 105	Beginning Orchestration	M W F	3	Cline	203
Mus. 41	Beginning Band	M W F	1	Hunt	T200
Mus. 40	Beginning Orchestra	T Th	1	Hunt	T200
Nat. St. 1	General Nature Study	M T W Th	4	Jean	303
P. E. 60	Interpretative Dancing	M W F	1	Keyes	6
Physics 14	Physics of Sound	M T W Th	4		2
Print. 1a	Elementary Printing (2 hours)	M T W Th	4	Bishop	G106
Print. 2a	Intermediate Printing (2 hours)	M T W Th	4	Bishop	G106
Psych. 2b	Educational Psychology	M T W Th	3	Heilman	103
Soc. 1	Introduction of Social Sciences	M W F	3	Howerth	208
Span. 9	Second Year	M W F	3	Du Poncet	102
Zool. 5	Bird Study	M T Th F	4		301

SPRING QUARTER

9:00-10:00

Art 4b	Design	M T W Th	4	Hill	G200
Art 17	Lettering and Postering Composition	M T	2	Hill	G200
Art 12	Household Art Design	T W Th F	4	Lowe	G204
Art 11	History of Architecture	Th	1	Hadden	G105
Biol. 2	Educational Biology	M T W Th	3	Jean	301

Time and Cat. Number	Description	Days	Credit Hrs.	Teacher	Room
Chem. 112	Food Chemistry (Lab. by appt.)	M W	3	Bowers	300
Chem. 113	Food Chemistry (Lab. by appt.)	M W	3	Bowers	300
Com. A 52	Advanced Accounting	M T Th F	4	Colvin	HE306
Com. A 13	Advanced Typewriting	M W F	3	Knies	HE301
Com. A 17	Office Practice	Daily	12	Merriman	HE301
Ed. 112	School House Construction	M W	2	Frasier	100a
Ed. 220	Educational Finance	T Th	2	Frasier	100a
Ed. 1	Principles of Teaching	M T Th	3	Rugg	100
Eng. 31	The Short Story	M T Th F	4	Newman	202
Hist. 10	Social and Industrial History of United States	M T W Th	4	Smith	104
H. Sc. 7	Household Management	T W F	3	Roudebush	HE207
Hyg. 7	General Hygiene	M W F	3	Bryson	L1
Hyg. & P. E. 10	Occupational Hygiene	T Th	2	Long	L1
Ind. Arts 5	The Arts in Education	M W F	3	Hadden	G105
Math. 4	Surveying	T Th	4	Finley	304
Mus. 1	Sight Singing	M W F	3	Cline	203
Mus. 108	Symphonic Analysis	T Th	2	Hunt	203
P. E. 64	Athletics for Women	M W F	1	Cave	Gym
P. E. 6	Research	M	1 to 5	Long	L1
Psych. 2b	Educational Psychology	M T W Th	3	Heilman	103
Soc. 130	Social Psychology	T Th	2		208
Soc. 3 (1st Sec.)	Educational Sociology	M W F	3	Howerth	208
Span. 109	Third Year	M W F	3	Du Poncet	102
Span. 229	Graduate	T Th	2	Du Poncet	102
10:00-10:25	Assembly	M W F			200
10:30-11:20					
Art 100	Methods in Art Supervision	T Th	2	Baker	G200
Art 18	Drawing and Design	W F	2	Hill	G200
Ag. 3 or	School Gardening	M T W Th	4	Hargrove	L11
Ag. 13	Agricultural Education and Teaching	M W Th			
Biol. 2	Educational Biology	M T W Th	3	Jean	301
Bkg. 2b	Intermediate Bookbinding (2 hours)	M T W Th	4	Schaefer	G100
Com. A 6a	Principles and Methods in Commercial Education	M T	2	Colvin	HE306

Time and Cat. Number	Description	Days	Credit Hrs.	Teacher	Room
Com. A 53	Business Mathematics	Th F	2	Colvin	HE306
Com. A 6b	Methods for Teaching Typewriting	Th F	2	Knies	HE306
Com. A 6b	Shorthand Methods	Th F	2	Merriman	HE306
Ed. 1	Principles of Teaching and Observation	M W F	3	Blue	100
Lib. 4, 5, 6, or 7	(Any one as desired)	Arrange	Arrange	Carter	101a
Ed. 45	Community Co-operation	W	1	Frasier	100a
Ed. 223	Research in Education	T Th	2	Frasier	100a
Ed. 131	Visual Education	T Th F	3	Rugg	101b
Eng. 21	Advanced Composition	M T Th F	4	Boardman	108
Eng. 122	Victorian Poetry	M T Th F	4	Newman	202
French 9	Second Year	M W F	3	Du Poncet	102
French 229	Graduate	T Th	2	Du Poncet	102
Geog. 52	Geography of South America	M T Th F	4	Barker	101
Hist. 107	Modern England and the British Empire	M T W Th	4	Smith	104
H. Sc. 3a	Cookery and Table Service (2 hours)	T W Th F	4	Pickett	HE202
H. Sc. 104	Catering (2 hours)	T W Th	3	Roudebush	HE206
H. A. 112	House Plans and Interior Decoration	M T W Th	4	Wiebking	HE304
Ind. Arts 3	Woodworking for Elementary Schools (2 hours)	M T W Th	4	Fouk	G1
Ind. Arts 105	Advanced Architectural Drawing	M T W Th	4	Hadden	G105
Math. 8a	Teaching Arithmetic	T Th	2	Finley	304
Math. 100	Teaching Secondary Mathematics	M F	2	Finley	304
Math. 1	Solid Geometry	M T Th F	4	Mallory	215
Mus. 2	Melody Writing	M W F	3	Cline	203
Mus. 3	Introductory Harmony	T Th F	3	Hunt	203
P. E. 62	Plays and Games	M T Th	1	Cave	Gym
P. E. 12	First Aid	T Th	2	Cooper	L1
P. E. 57	Folk Dancing	M W F	1	Keyes	6
Physics 15	Physics of Light	M T W Th	4		2
Psych. 104	Psychology of Elementary School Subjects	M T W Th	4	Heilman	103
Print. 2b	Intermediate Printing (2 hours)	M T W Th	4	Bishop	G106
Print. 105	Cost Accounting (2 hours)	M T W Th	4	Bishop	G106
Soc. 110	Economics	T Th F	3		208
Soc. 3 (2nd Sec.)	Educational Sociology	M W F	3	Howerth	208
Art 2	Primary Grade Methods	M T Th F	4	Baker	G200

SPRING QUARTER

Time and Cat. Number	Description	Days	Credit Hrs.	Teacher	Room
<b>11:30-12:20</b>					
Art 102	Commercial Design	T W Th F	4	Hill	G203
Art 104	Design and Composition	T W Th F	4	Hill	G20?
Biol. 2	Educational Biology	M T Th F	3		301
Chem. 3	Inorganic Chemistry (Lab. by appt.)	M W	3	Bowers	300
Chem. 6	Inorganic Chemistry	M W	4	Bowers	300
Chem. 3b	Household Chemistry (Lab. by appt.)	T Th	3	Bowers	300
Chem. 3b	Household Chemistry (Lab. by appt.)	T Th	4	Bowers	300
Chem. 112-113	Laboratory Chemistry	M W	2		300
Com. A 11	Beginning Typewriting	M T Th F	4	Knies	HE301
Ed. 229	Current Educational Thought	M T W Th	4	Frasier	100a
Eng. 6	American Literature	M T Th F	4	Boardman	108
Eng. 16	Contemporary Literature	M W F	3	Newman	202
French 109	Third Year	M W F	3	Du Poncet	102
Geog. 144	Geography and Geology of Mountains	M T	2	Barker	101
Geog. 150	Geography of Colorado	Th F	2	Barker	101
Ind. Arts 118	Advance Machine Design	M T W Th	4	Hadden	G105
Latin 115	Advanced	T Th	2	Du Poncet	102
Lib. 1	Elementary Library Course	T	1	Carter	100
Math. 6	College Algebra	M T Th F	4	Finley	304
Mus. 4	Advanced Harmony	M W F	3	Hunt	203
P. E. 61	Light Gymnastics	M W F	1	Cave	Gym
P. E. 64	Athletics for Women	M W F	1	Cooper	Field
Psych. 2a	Educational Psychology	M T W F	3	Bere	101B
Psych. 106	Clinical Psychology	M T W Th	4	Heilman	103
Soc. 132	The Family	M W F	3		101a
Soc. 105	Principles of Sociology	M T Th F	4	Howerth	208
<b>:12:20-1:30</b> <b>Noon Intermission</b>					
<b>1:30-2:20</b>					
Art 5	Water Color Painting	M T Th F	3	Hill	G203
Bot. 3	Systematic Botany	M T W Th	4	Jean	303
Bkbg, 1c	Elementary Bookbinding (2 hours)	M T W Th	4	Schaefer	G100



Time and Cat. Number	Description	Days	Credit Hrs.	Teacher	Room
Bkbg, 104	Advanced Leather Craft Art (2 hours)	M T W Th	4	Schaefer	G100
Com. A 40	Commercial Composition and Reports	M W F	3	Merriman	HE305
Ed. 116	Organization and Administration of a Senior High School	M T W F	4	Blue	101b
Ed. 16	Training Course for Camp Fire Guardians	M	1	Lee	101a
Ed. 16a	Advanced Training Course for Camp Fire Guardians	T	1	Lee	101a
Ed. 152	Principles Underlying the Education of Children in Kindergarten and Primary Grades	M T W Th	4	Lyford	T100
Ed. 1	Principles of Teaching	M T F	3	Roberts	100
Ed. 15	Vocational Guidance	M T	2	Rugg	100a
Eng. 129	Shakespeare (Tragedies)	M T Th F	4	Boardman	108
Eng. 10	History of English Literature	M T Th F	4	Newman	202
Geog. 103	Climatology	M T Th F	4	Barker	101
Hist. 13	The Teaching of History	T W Th	3	Smith	104
H. Sc. 3b	Cookery and Table Service (2 hours)	T W Th F	4	Pickett	HE202
H. A. 4	Millinery (2 hours)	T W Th F	4	Roudebush	HE301
H. A. 6	Elementary Dressmaking (2 hours)	M T W Th	4	Wiebking	HE304
Hyg. 7	General Hygiene	M W F	3	Long	L1
Ind. Arts 2	Intermediate Woodworking (2 hours)	M T W Th	4	Foulk	G1
Math. 102	Calculus	M T Th F	4	Finley	304
Mus. 110	Supervisors Course	M T Th	3	Cline	203
Mus. 103	Counterpoint	W F	2	Hunt	203
P. E. 58a	Esthetic Dancing (Majors)	Daily	3	Keyes	6
P. E. 62	Plays and Games (1 hr. by arrang.)	T Th	1	Keyes	6
Print. 2c	Intermediate Printing (2 hours)	M T W Th	4	Bishop	G106
Print. 104a	Practical Newspaper Work (2 hours)	M T W Th	4	Bishop	G106
Psych. 3	Child Development	M T W F	4	Bere	103
Span. 3	First Year	M W Th F	4		102

SPRING QUARTER

2:30-3:20

Art 7	Constructive Design	M T Th F	4	Baker	G204
Chem. 7-114b	Qualitative and Quantitative	M T W Th	4	Bowers	302

165

Time and Cat. Number	Description	Days	Credit Hrs.	Teacher	Room
Com. A. 156	Penmanship Methods for Teachers and Supervisors of Writing	M T	2	Bedinger	214
Com. A 142.	Advertising	M T W	3	Colvin	HE306
Ed. 104	The Project Method of Teaching	M T W Th	4	Armentrout	T
Ed. 18	Ethics	W F	1	Gilpin-Brown	101a
Ed. 51	Story Telling, Songs and Games for Kindergarten- Primary Children	M T W Th	4	Lyford	T100
Ed. 8	Educational Values	M T W	3	Roberts	100
Ed. 135	Educational Classics	M T Th F	4	Rugg	100a
Eng. 4	Speaking and Writing English	M T Th F	3	Arnett	101b
Eng. 4	Speaking and Writing English	M T Th F	3	Boardman	108
Eng. 13	The Art of Story Telling	M W Th	3	Casey	202
French 3	First Year	M W Th F	4		102
Geog. 122	Biogeography	M T Th F	4	Barker	101
Hyg. 108	Individual Hygiene	M W F	3	Bryson	L1
Mus. 22	Appreciation	M W F	3	Cline	203
Mus. 104	Advanced Counterpoint	T Th	2	Hunt	203
Mus. 10	Primary Methods	M W F	3	Roesner	T200
Pol. Sc. 26	The Teaching of Civics	T Th	2	Smith	104
Psych. 108b	Educational Tests	M T W F	4	Bere	103
Soc. 209	Principles of Sociology	M T Th F	4	Howerth	208
Zool. 3	General Zoology	M T Th F	4		303
<b>3:30-4:20</b>					
Eng. 102	Journalistic Writing	M W F	3	Shaw	108
Mus. 101	Chorus	W	1	Cline	203
Mus. 43	Advanced Orchestra	M W	1	Hunt	T200
Mus. 44	Advanced Band	T Th	1	Hunt	T200
P. E. 68	Corrective Gym	F	0	Cave	
Psych. 214	Advanced Educational Psychology	M T W F	3	Bere	101B

Time and Cat. Number	Description	Days	Credit Hrs.	Teacher	Room
4:30-5:20					
Mus. 42	Schumann Glee Club	T Th	1	Cline	203
P. E. 64	Athletics for Women	M W F	1	Cave	Gym
P. E. 64	Athletics for Women (1 hr. by arrang.)	T Th	1	Cave	Gym
P. E. 66	College Baseball	Daily	1	Cooper	Field
P. E. 57	Folk Dancing	Th F	1	Keyes	6
P. E. 66	College Athletics Track and Tennis	Daily	1	Long	Track

SPRING QUARTER

## ATTENDANCE SUMMARY

### COLORADO STATE TEACHERS COLLEGE

SUMMER QUARTER 1922 AND FALL, WINTER AND SPRING QUARTERS 1922-1923

I. TEACHERS COLLEGE:			
Summer Quarter (Printed in Year Book 1922-23) .....	2153		
Special Students .....	55		
			2208
Fall, Winter and Spring Quarters (no duplicates) .....	1056		
Special Students .....	83		
			1139
Total .....			3347
II. SCHOOL OF ADULTS:			
Summer Quarter .....	73		
Fall, Winter and Spring Quarters (no duplicates) .....	26		
			99
III. EXTENSION:			
Group Plan (June 1, 1922, to May 1, 1923)...	934		
Individual Plan—			
College .....	636		
High School .....	25		
			661
Total .....			1595
IV. TEACHERS COLLEGE HIGH SCHOOL:			
Summer Quarter (Printed in Year Book 1922-23) .....	126		
Fall, Winter and Spring Quarters (no duplicates) .....	297		
Specials .....	13		
			310
Total .....			436
V. TRAINING SCHOOL:			
Summer Quarter (Printed in Year Book 1922-23) .....	324		
Fall, Winter and Spring Quarters (no duplicates) .....	431		
			755
VI. DEMONSTRATION SCHOOLS:			
Ashton (not printed in list) .....	45		
Hazelton (not printed in list) .....	66		
			111
Total .....			111
GRAND TOTAL (no duplicates).....			6343

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