

Colorado State Teachers College *Bulletin*

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APRIL, 1920

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1920-1921



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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 show a certificate of graduation from an acceptable high school. This certificate must cover at least fifteen units.

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 Industrial High School.

SPECIAL STUDENTS—See page 13 for a statement concerning admission as special students.

See the College Calendar inside of the back cover

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Announcements and Catalog *of* Courses

FOR THE YEAR 1920-1921

Catalog

of the Faculty for 1920-1921
and of Students for 1919-1920

AND

*Announcement of Courses
for 1920-1921*



THE
STATE TEACHERS
COLLEGE OF COLORADO
Greeley, Colo.

PUBLISHED AUGUST 25, 1920

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STATE TEACHERS COLLEGE
Greeley, Colorado

THE BOARD OF TRUSTEES

HON. GEO. M. CARLSON, Denver.....	Term Expires 1925
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HON. H. V. KEPNER, Denver.....	Term Expires 1921
HON. GEORGE D. STATLER, Greeley.....	Term Expires 1921
HON. MARY C. C. BRADFORD, Denver.....	Term Expires 1921

State Superintendent of Public Instruction

OFFICERS OF THE BOARD OF TRUSTEES

HON. H. V. KEPNER.....	President
HON. HENRY P. STEELE.....	Vice-President
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STANDING COMMITTEES

- Executive:** Mr. Kepner, Mr. Steele, Mr. Carlson.
Teachers: Mrs. Pulford, Mrs. Bradford, Dr. Sullivan.
Library: Mrs. Bradford, Mr. Statler, Dr. Sullivan.
Buildings and Grounds: Mr. Steele, Mr. Carlson, Mr. Kepner.

STATE BOARD OF EXAMINERS

- MRS. MARY C. C. BRADFORD, State Superintendent of Public Instruction.
MISS EMMA T. WILKINS, County Superintendent of Schools, Larimer
County, Fort Collins.
THE PRESIDENT, Colorado State Teachers College.

OFFICERS OF ADMINISTRATION

- JOHN GRANT CRABBE, LL.D., President of the College.
ALBERT FRANK CARTER, M.S., Librarian.
VERA CAMPBELL, Assistant Librarian.
WM. B. PAGE, M.D., Assistant Librarian.
EDITH STEPHENS, A.B., Assistant Librarian.
R. G. DEMPSEY, Superintendent of Grounds and Buildings.
J. P. CULBERTSON, Secretary to the President.
GEO. P. WILLIAMS, Bookkeeper.
T. O. BELLWOOD, Registrar and Secretary to the Dean.
CLEO JOHNSON, Stenographer.
ROY M. CARSON, Stenographer.
MABEL MOUNT, Stenographer.

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The Faculty

JOHN GRANT CRABBE

President

A.B., M.A., Ph.D., Phi Beta Kappa, Ohio Wesleyan University; Pd.M., Ohio A.B., A.M., Pd.D., Phi Beta Kappa, Ohio Wesleyan University; Pd.M., UniOhio University; LL.D., Berea College; Ph.D., Miami University; LL.D., FlinUniversity of Kentucky. Head of Department of Greek and Latin, tuckFlint Normal College; Superintendent of City Schools, Ashland, Kentucky; State Superintendent of Public Instruction of the Commonwealth of Kentucky; President Eastern Kentucky State Normal School.

FRANCIS LORENZO ABBOTT

Professor of Physical Science

B.S., A.M., DePauw University; graduate, student John Hopkins University. Teacher of Science, Fond du Lac High School; teacher of Science, La Junta, Colorado, High School; teacher of Science and Principal of Trinidad, Colorado, High School.

LEVERET ALLEN ADAMS

Professor of Biology

B.A., M.A., Kansas University; Ph.D., Columbia University. Museum assistant in Zoology, Kansas University.

HESTER ANN ALLYN

Assistant Professor, Household Science

A.B., University of Illinois; Student, Omicron University. Teacher, Graded Schools, Wainwright, Oklahoma; Teacher, Libertyville High School, Libertyville, Illinois; Critic Teacher Home Economics, Louisiana State Normal School.

MRS. LELA AULTMAN

Training Teacher, First Grade

Pd.B., Pd.M., Colorado State Teachers College. Teacher City Schools, Trinidad, Colorado; training teacher, Oregon State Normal School; teacher, County Institutes.

GRACE M. BAKER

Professor of Fine and Applied Arts

Graduate, Collegiate Institute, Geneseo, Illinois; graduate, Chicago Art Institute; student, Illinois State Normal University; student, University of Chicago; student, Fine Arts Academy, Chicago. Supervisor of Drawing, Oak Park; teacher of Art, Chicago Art Institute Evening and Summer Schools; supervisor of Drawing, Shawnee, Oklahoma; Head Art Department, State Normal School, Edmond, Oklahoma; and Head Art Department, State Normal School, Whitewater, Wisconsin.

GEORGE A. BARKER

Professor of Geology, Physiography, and Geography

B.S., M.S., University of Chicago; graduate scholarship in Geography; Sigma Xi, University of Chicago, Illinois. Department of Physiography, Joliet High School; assistant professor of Geography, Illinois State Normal University; head of the Department of Geography, Colorado Springs High School; teacher of Geology, Colorado College.

MARVIN FOSTER BEESON

*Director Cooperative Extension Service
Western Colorado*

A.B., Meridian College; graduate student, University of Jena, University of Berlin, University of Grenoble; Ph.D., University of Leipzig; post graduate work, Leland Stanford Junior University. Carnegie Exchange Teacher to Potsdam, Germany; Head Department of German and French, Meridian College; instructor, New Mexico Military Institute; instructor, University of Colorado Summer Session.

JOHN RANDOLPH BELL

Director of Extension Service

Pd.B., Colorado State Teachers College; Ph.B., M.A., University of Colorado; Litt.D.; University of Denver. Principal, City Schools, Alma, Colorado; Principal of Byers School, Edison School, Denver, Colorado.

RALPH T. BISHOP

Assistant Professor of Industrial Arts

Graduate, Western Illinois State Normal School; Special Manual Arts Diploma, Graduate Inland Printer Technical School; Instructor of Printing, Western Illinois State Normal School; Instructor of Printing, Edmonton (Canada) Technical School.

RAE E. BLANCHARD

Professor of Literature and English

Graduate, Boston Normal School; student, Lowell Institute, Boston; A.B., Colorado State Teachers College; A.M., Chicago University; Teacher, Rica School, Boston; Teacher of English and Science, Milton, Iowa, High School; Teacher of English, Durango, Colorado, High School.

WILLIAM GRAY BOWERS

Professor of Chemistry

B.S., Ohio Wesleyan University; A.M., Indiana University; special work, University of California; Ph.D., Ohio State University; teacher, public schools, West Virginia four years; Instructor, High School Sciences at Leesburg, Ohio, two years; Professor of Chemistry and Physics, State Normal School, Ellendale, North Dakota ten years; Professor of Food Chemistry, Agricultural College, Fargo, North Dakota, two years.

ALBERT FRANK CARTER

Librarian; Professor of Library Science

B.E., M.E., B.S., M.S., Indiana, Pennsylvania, State Normal School; A.B., Colorado State Teachers College. Graduate student, Chicago University; member Colorado State Library Commission. Teacher, Public Schools, Tyrone, Pennsylvania; assistant professor of Mathematics, Botany and Physiography, Indiana, Pennsylvania, State Normal School.

ELIZABETH CLASBEY

Instructor in Household Science

Student, Northwestern Normal School, Maryville, Missouri; graduate, Stout Institute; student, University of Colorado; teacher, Savannah Public Schools.

AMBROSE OWEN COLVIN

Professor of Commercial Education

B.C.S., Denver University. Graduate, Commercial Department, Tarkio College; teacher, Stanberry Normal School; teacher, Coffeyville Business College; teacher, Central Business College, Denver; teacher, Cass Technical High School, Detroit.

FAITH COX

Commercial Education, High School

A.B., Colorado College; Teacher, Colorado Springs High School.

EDITH CREAMEANS

Assistant Librarian

Graduate, Urbana High School, Urbana, Illinois; student, University of Illinois; Student, Brown's Business College, Champaign, Illinois; Teacher Champaign Commercial College; Assistant Librarian, University of Illinois.

ETHAN ALLEN CROSS

Dean of the College; Professor of Literature and English

Student, Southern Illinois Normal School and Cornell University; A. B., University of Illinois; A. M., University of Chicago. Principal, Sullivan, Illinois, High School; Superintendent of Schools and Instructor in High School History, Mathematics and English, Sullivan and Delavan, Illinois. Author: "The Short Story," and "Story Telling for Upper Grade Teachers."

BESS V. CUNNINGHAM

Teacher, Kindergarten Training School

B.S., Toledo University, Toledo, Ohio; student, Teachers College, Columbia University, New York City. Director Public School Kindergarten, Toledo, Ohio; Supervisor Kindergarten Department, San Francisco State Normal School. Teacher, University of California.

HULDA A. DILLING

Training Teacher, Fourth Grade

Graduate, Oshkosh State Normal School; B.E., Teachers College, Illinois State Normal University; graduate student, University of Chicago; teacher, City Schools, Indianapolis, Indiana; critic teacher, Training School, Eastern Kentucky State Normal School.

- EDWIN STANTON DU PONCET *Professor of Modern Foreign Languages*
 Ph.D., University of Grenoble. Instructor in Romance Languages, University of Missouri; instructor in Latin and Greek, Scarritt College, Ozark College and Red River College; professor of French and German, Memorial University; professor of Modern Languages, Southern State Normal School, University of Utah; associate professor of Latin and Spanish, Throop College; professor of Romance Languages, University of Redlands; head, Department of French and German, Salt Lake City High School; graduate student at the Universities of Missouri, Michigan, Heidelberg, Buenos Aires, and Grenoble.
- FLORA ELDER *Instructor Commercial Education*
 A.B., Denver University; student, Central and Barnes Business Colleges, Denver; student, Browns Business College, Colorado Springs. Commercial work, Albany, Oregon; Tenino, Washington; Denver and Colorado City, Colorado.
- GEORGE WILLIAM FINLEY *Professor of Mathematics*
 B.S., A.M., Kansas State Agricultural College. Student, Kansas State Normal School; Student, University of Chicago; teacher, County Schools of Kansas; U. S. Army, Spanish-American War; teacher in City Schools, Wanneta, Kansas; Principal of Schools, Peru, Kansas; head of the Department of Mathematics, Oklahoma University Preparatory School.
- CHARLES M. FOULK *Professor of Manual Training*
 Student, Edinboro State Normal School; graduate, architectural course, International Correspondence School; Pd.B., Colorado State Teachers College. Building foreman and superintendent in Pennsylvania, Idaho, Colorado, and Washington; conducted classes in Trade Problems in Pennsylvania, Idaho, and Colorado.
- HELEN GILPIN-BROWN *Dean of Women*
 A.B., Colorado State Teachers College. Teacher, Livermore, Colorado; principal, Private School, Fort Collins, Colorado.
- ROSS M. GRINDLE *High School Teacher, Training Courses*
 Teacher, Colorado Springs High School. Assistant, Federal Vocational Board, Denver, Colorado.
- SAMUEL MILO HADDEN *Dean of Practical Arts; Professor of Industrial Education*
 Student, Cooper Memorial College, Sterling, Kansas, Pd.B., Colorado State Teachers College; A.B., A.M., University of Denver; student, Teachers College, Columbia University; student, Chicago University. Training teacher, Sterling, Kansas; teacher, Tawner, Colorado.
- WILLIAM HENRY HARGROVE *Professor of Agriculture*
 Pd.B., State Normal School, Cape Girardeau, Missouri; B.S., in Education and B.S. in Agriculture, University of Missouri; teacher, Missouri rural schools; principal, Sikeston, Missouri high school; superintendent of city schools, Bloomfield, Missouri; superintendent, Extension Schools and Farmers meetings under direction of College of Agriculture, Missouri University.
- JOSEPHINE HAWES *Assistant Professor of English*
 A.B., A.M., Colorado State Teachers College; graduate, Kansas State Normal School; student, University of Colorado; student, Columbia University. Head Department of English, Las Vegas, New Mexico; principal grade school, Emporia, Kansas; Head Department of English, Newton, Kansas.
- JACOB DANIEL HEILMAN *Professor of Educational Psychology*
 Student, M. E. Keystone State Normal School; A.B., Muhlenberg College, Allentown, Pennsylvania; Ph.D., University of Pennsylvania. Author of "A Clinical Study of Retarded Children;" author of "A Study in Addition;" Harrison Fellow in Pedagogy; assistant in Psychological Clinic and lecturer in Child Study, University of Pennsylvania.

WALTER F. ISAACS*

Professor of Fine and Applied Arts

B.S., James Milliken University, Decatur, Illinois; Art Students' League of New York; student, Art Institute of Chicago. Supervisor of art, Jeffersonville, Indiana.

EDWARD KAMINSKI

Instructor in Industrial Arts

Student, St. Bonaventures College; student, Milwaukee State Normal Art School; student, Sagatuck Summer School of Painting. Art Instructor, Shorewood School, Milwaukee, Wisconsin.

ELIZABETH HAYS KENDEL

Training Teacher, Sixth Grade

Pd.B., Pd.M., A.B., Colorado State Teachers College; student, Chicago University; student, Columbia University.

JOHN CLARK KENDEL

Director of the Conservatory of Music; Professor of Public School Music

Pd.B., Pd.M., A.B., Colorado State Teachers College; student, John C. Wilcox; student, John D. Mehan; student, David Abramowitz. Supervisor of Music, Pueblo City Schools.

HAZEL KENNEDY

Assistant in Music, Piano

Student Nebraska State Normal, student, Nebraska University School of Music three years; student, Bible Teachers Training School, New York City two years; PdM., A.B., Colorado State Teachers College.

MARGARET JOY KEYES

Assistant Professor of Physical Education and Dramatic Interpretation

Student, Columbia College of Expression; student, Chicago University; A.B., Colorado State Teachers College; student, California Normal School of Dancing. Instructor in Physical Training and Dramatic Art, Prescott School of Music, Minot, North Dakota; instructor in Physical Training and Dramatic Art, Grafton Hall, Fond du Lac, Wisconsin.

GLADYS E. KNOTT

General Science, High School

B.S., M.S., Purdue University; student, University of California. Instructor High School Mathematics, Montmorenci, Indiana; instructor High School Science and English, Woodland, Washington; Watseka, and Stockland, Illinois.

FLORENCE LOWE

Instructor Fine and Applied Arts

Pd.B., Pd.M., Colorado State Teachers College. Teacher two years, Laramie, Wyoming Public Schools.

H. PEARL LIPP

Medical Adviser of Women

Graduate, Jerseyville High School, Jerseyville, Illinois; graduate, Medical Department, University of Illinois; examiner at Child Labor Certificate Bureau, Chicago; resident physician, Psychopathic Hospital, Chicago; school health officer, Chicago; medical examiner, Chicago Telephone Co.; assistant medical examiner to Medical Adviser of Women, University of Chicago; two and one-half years general practice.

ROYCE REED LONG

Director Physical Education

A.B., Leland Stanford Junior University; student, University of Chicago; graduate student, Johns Hopkins University. Physical Director, Y. M. C. A., Dixon and Aurora, Illinois; Director of Athletics, Southern Y. M. C. A., Student Conference; Director of Athletics, Vanderbilt University, and medical student; also coached track team which won the Southern Intercollegiate Track Championship both in 1905 and 1906; Assistant Professor of Hygiene and Acting Head of Hygiene Department and medical student, Leland Stanford Junior University; First Lieutenant, Sanitary Corps, U. S. Army; Captain U. S. Army in direction of Educational work.

*Leave of absence 1920-21.

MARIE GUSTAVA LUNDBERG *Assistant Professor of Household Science*

Graduate, Normal School Framingham, Mass.; teacher, public schools, Massachusetts, nine years; teacher, Simmons College, one year; teacher, University of Vermont, one year; teacher, Cornell University one year; instructor, Simmons College five years; teacher, Columbia University one year; B.S., Columbia University; instructor, Summer Preparatory Course for Nurses, Western Reserve University; instructor in Household Administration two years; assistant professor of Household Administration, 1919, Western Reserve.

GENEVIEVE LYFORD *Training Teacher, Kindergarten*

B. H. S. Oregon State Agricultural College; graduate, Kindergarten Normal School, Galesburg, Illinois; B.S. Teachers College, Columbia University. Teacher, Public School Kindergarten, Howarden, Iowa; Supervisor Kindergarten, Waterloo, Iowa; Head of Kindergarten, Warrensburg, Missouri, State Normal School; Head of Kindergarten, State Normal School, Valley City, North Dakota; Supervisor of Kindergarten State Normal School, Moorhead, Minnesota.

THOMAS C. MCCracken *Dean of the Graduate College; Professor of the Science and Art of Education*

A.B., Monmouth College; A.M., Ph.D., Harvard University; special research student with Women's Municipal League of Boston. Head of Preparatory Department, Monmouth College; assistant principal, Bellefontaine, Ohio, High School; principal, Monmouth, Illinois, High School; director of research in Harvard, Wellesley and Radcliffe for Women's Municipal League; assistant professor of Education, University of Utah.

LUCY NEELY McLANE *English, High School*

A.B., Colorado State Teachers College; student, Lexington College; student, Columbia University. Teacher of English and Literature, Canon City, Colorado, City Schools.

ARTHUR E. MALLORY *High School Mathematics*

A.B., and Graduate Student of the University of Kansas; Instructor in Mathematics, Science and Junior Normal Training, Great Bend and Burrton, Kansas.

GURDON RANSOM MILLER *Professor of Sociology and Economics*

Ph.B., Phi Beta Kappa, Syracuse University; A.M., Ph.D., Denver University. Superintendent of Schools, Beacon City, New York; Superintendent of Schools, Binghamton, New York. Author, "Social Insurance in the United States."

J. C. MUERMAN *Director, Rural Administration*

Graduate, Hiram College; A.B., Washington State College; A.M., George Washington University, Washington, D. C.; teacher, Rural Schools, Ohio and Idaho; Superintendent, City Schools, Moscow, Idaho; Division Superintendent of Schools; Philippines; Deputy County Superintendent of Schools; Idaho; Specialist in Rural Education, U. S. Bureau of Education, Washington, D. C.

BERNICE ORNDORFF *Training Teacher, Seventh Grade*

Ph.B., University of Chicago; graduate student, Indianapolis Normal School; student, Indiana University; student, Columbia University; student, School of Applied Arts, Chicago; student, John Herron Art Institute, Indianapolis. Teacher, Indianapolis, Indiana, Public Schools.

WILLIAM B. PAGE *Assistant Librarian*

M.D., University of Michigan; D.O.S., Needles Institute of Optometry, Kansas City, Missouri.

HELEN PAYNE*

Director and Professor of Home Economics

B.S., Kansas State Agricultural College; graduate, Kansas State Normal School. Life certificate course; teacher, Kansas City Schools; director, Home Economics, Parsons, Kansas, High School; head, Home Economics Department, State Agricultural School, Arkansas.

ORA B. PEAKE

H. S. Preceptress and Head History Department

A.B., Michigan State Normal College, Ypsilanti, Michigan; A.M., University of Michigan; Ann Arbor, Michigan; Teacher of History and Civics in the High Schools at Homer, Portland and Bay City, Michigan.

EDGAR DUNNINGTON RANDOLPH*

Director of Extension Service

Graduate, Eastern Illinois State Normal School; A.B., University of Denver; student, University of Chicago; A.M., Teachers College, Columbia University; high school instructor, Mattoon, Illinois. Assistant in Philosophy of Education, Teachers College, Columbia University.

FRIEDA B. ROHR

Training Teacher, Fifth Grade

Pd.B., Pd.M., A.B., Colorado State Teachers College. Training teacher, Denver Public Schools.

MARGARET M. ROUDEBUSH

Professor Household Arts

A.B., Industrial Institute and College, Columbus, Mississippi; graduate student, Bryn Mawr College, Pennsylvania; student, University of Chicago. Teacher, Canton, Mississippi; instructor, English and History; Smith Academy, St. Louis, Missouri; supervisor Home Economics, Oshkosh, Wisconsin; Head Home Economics Department and Dean of Women, University of Mississippi.

OTTO W. SCHAEFER

Instructor in Book Binding

Student of William Walker, Art Binder of Edinburgh, Scotland. Head of Book Binding Department, B. F. Wade Printing Company, Toledo; head of Stamping and Finishing Department, Kistler Stationery Company, Denver; head of Binding Departments in Cleveland, Detroit, Asheville, Riverside and Los Angeles.

WILLIAM E. SEARCH

Assistant Professor of Hygiene and Physical Education

Student, Springfield College, Springfield, Massachusetts; director, Physical Education, Suffield School, Suffield, Connecticut; Physical Director, Y. M. C. A., Dupont Powder Works, Carney's Point; Director of Physical Education, Griffith Institute, Springfield, New York.

BELLA BRUCE SIBLEY

Training Teacher, Seventh Grade

Student, Truro Normal School, Nova Scotia; student, Dick's Normal School, Denver; student, Denver University; student, Columbia University; Pd.B., Pd.M., A.B., Colorado State Teachers College; A.M., Denver University. Instructor in High School, East Halifax, Nova Scotia; training teacher, Denver Public Schools.

EDWIN B. SMITH

Professor of History and Political Science

Graduate, State Normal School, Oneonta, New York; student, Syracuse University; B.S., Columbia University; graduate student, University of California; A.M., University of Denver. Assistant in History, Teachers College, Columbia University; principal, Pacific Grove Academy, California; professor of History and Economics, California State Polytechnic.

*Leave of absence 1920-21.

EDITH STEPHENS

Assistant Librarian

A.B., Colorado State Teachers College.

MARK SWEANY

Director of Secondary Education

A.B., University of Michigan; A.M., Harvard University; graduate work, University of Chicago five quarters; teacher, country schools, Columbia County, Wisconsin three years; Principal, Magnolia, Illinois High School three years; Principal, Rossville, Illinois High School one year; Departmental Head in History and Social Sciences, Colorado Springs, Colorado High School seven years.

FRANCES TOBEY*

Professor of Oral English

B.S., Western Normal College; A.B., Colorado State Teachers College; graduate, Emerson College of Oratory, Boston. Member faculty, Emerson College of Oratory, Boston; chair of English and Reading, Denver Normal School; editor, Emerson College Magazine.

EDITH GALE WIEBKING

Instructor, Household Arts

Student, Lairds Seminary for Young Ladies, Philadelphia, Pennsylvania; Pd.B., Colorado State Teachers College. Student, Philadelphia School of Design; Teacher six years, Greeley City Schools.

EDNA F. WELSH

Commercial Education, High School

Pd.B., Pd.M., Colorado State Teachers College.

CLARA M. WHEELER

Training Teacher, Third Grade

Graduate Bridgewater Normal School; B.S., Columbia University. Critic teacher Providence Normal School; principal of elementary department Hyannis Normal School; instructor Horace Mann School Teachers College; principal Sputyen Duyvil School.

GRACE H. WILSON

Assistant to the Dean of Women

Pd.B., Colorado State Teachers College; A.B., Colorado College. Secretary, Young Women's Christian Association, Iowa State Teachers College.

FRANK LEE WRIGHT

Professor of Education

A.B., Kansas State Normal School; A.M., University of Wisconsin. Director Normal Training Work, Emporia High School; Superintendent of Schools, Bucklin, Kansas; assistant in Education, University of Wisconsin.

M. EVA WRIGHT

Piano and Pipe Organ

Student under the artists and masters, W. H. Sherwood, of Chicago; Samuel Fabian, of Washington, D. C.; Alfred G. Robyn, of St. Louis; Chas. Borjes, interpreter of Spohr and pupil of Zeiss, of New York; Sig. Mattioli, and W. H. Jones; student, College of Music of Cincinnati. Organist and director Old Bruton Parish Church, Williamsburg, Virginia; twelve years' experience as teacher in William Woods College, Bollinger Conservatory, Alfred University and Norfolk, Virginia.

*Leave of absence 1920-21.

Summer Quarter, 1920

- EDWARD HOWARD GRIGGS, AM., L.H.D., New York City.
- LINCOLN HULLEY, Ph.D., President Stetson University, Deland, Florida.
- EDWARD T. DEVINE, Ph.D., Columbia University, New York City.
- EDW. RYNEARSON, Ph.D., Director of Vocational Guidance, Pittsburg Public Schools, Pittsburg, Pennsylvania.
- ELWOOD P. CUBBERLEY, Ph.D., Dean of School of Education, Leland Stanford Junior University, California.
- E. C. HAYES, Ph.D., Professor of Sociology, University of Illinois, Urbana.
- HARVEY S. GRUVER, A.M., Superintendent of Schools, Worcester, Mass.
- HARRY L. MILLER, A.B., Principal, The University High School of University of Wisconsin, Madison.
- GUY M. WHIPPLE, Ph.D., University of Michigan, Professor of Experimental Education and Director of the Bureau of Mental Tests and Measurements, Ann Arbor, Michigan.
- GEORGE D. STRAYER, Ph.D., Professor of Educational Administration, Teachers College, Columbia University, New York City.
- ERNEST HORN, Ph.D., Head of Department of Experimental Education, University of Iowa, Iowa City.
- E. B. BRYAN, LL.D., H.L.D., President Colgate University, Hamilton, New York.
- A. L. HALL-QUEST, A.M., College for Teachers, University of Cincinnati, Ohio.
- H. B. WILSON, Superintendent of Schools, Berkeley, California.
- J. F. KEATING, Superintendent of Schools, Pueblo, Colorado.
- J. J. CAMMACK, Superintendent of Schools, Kansas City, Missouri.
- J. H. BEVERAGE, Superintendent of Schools, Omaha, Nebraska.
- WM. B. ITTNER, School Architect, St. Louis, Missouri.
- R. D. BURTNER, Specialist in Gymnasium Construction, Narragansett Machine Company, Chicago.
- GENEVIEVE KIRKBRIDE, Specialist in Kindergarten and Primary Education, University of Chicago, Illinois.
- FRANK B. DYER, Former Superintendent of Boston Schools, Cincinnati, Ohio.
- BERTHA WHITMAN, A.M., Teacher of History and English, Greeley High School.
- W. A. EVANS, Former Health Commissioner of Chicago, Illinois.

Faculty Committees

The President of the College is ex officio, a member of each committee.

Committee on Advanced Standing

The Dean of the College, the Principal of the High School, Mr. Smith, Mr. Bowers.

Alumni Committee

Miss Blanchard, Mr. John R. Bell, Mr. Foulk, Miss Rohr, Mr. Hadden.

Arts-Crafts Committee

Miss Baker, Mr. Kaminiski, Miss Lowe, Mr. Schaefer, Miss Wheeler.

Committee on "Assembly"

Mr. Barker, Mr. Smith, Miss Baker, Mrs. Gilpin-Brown.

Committee on Class Officers

First Year: Miss Roudebush. Second Year: Miss Lundberg. Third Year: Mrs. Weibking. Fourth Year: Miss Baker. Fifth Year: Miss Blanchard.

Committee on Course of Study

Mr. Wright, Mr. Heilman, Mr. Miller, Mr. Cross, Mr. Smith, Mr. Barker, Mr. Sweany, Mr. Abbott.

Committee on Entrance

The Principal of the High School, the Dean of the College.

Estes Park Outing Committee

Mr. Bell, Miss Baker, Mr. Bishop, Mr. Adams, Mr. Hargrove.

Committee on Extension Service

Mr. Bell, Mr. Smith, Mr. Wright, Mr. McCracken, Mr. Miller, Mr. Muerman.

Faculty Club Committee

Mr. Muerman, Mrs. Gilpin-Brown, Mr. Long, Mr. McCracken, Miss Dilling, Miss Peake, Mrs. Weibking, Mr. Hadden.

Federal Aid Committee

Mr. McCracken, Mr. Cross, Miss Roudebush, Mr. Hadden, Mr. Hargrove, Mr. Muerman, Mr. Long.

Committee on Lyceum

Mr. Finley, Mr. Phillips, Mr. Colvin, Mr. Hansen, Mr. Hill, Mr. Camfield, Mr. Dodds, Mr. Cremeans, Mr. Culbertson, Secretary.

Committee on Men's Welfare

Mr. Hadden, Mr. Barker, Mr. Long, Mr. Finley, Mr. Bishop.

Museum Committee

Mr. Adams, Mr. Hadden, Miss Elder.

Committee on Official Publications

Mr. Cross, Mr. Colvin.

Press Bureau

Mr. Barker, Mr. Bishop, Miss Blanchard, Mr. Muerman, Mr. Bowers, Mr. Carter.

Committee on Physical Education

Mr. Long, Mrs. Gilpin-Brown, Miss Keyes, Mrs. Sibley, Mr. Mallory, Mr. Search, Miss Wheeler, Mr. Wright, Mr. Barker.

Committee on Public Exercises

Miss Tobey, Mr. Kendel, Miss Kendel, Mr. Phillips, Miss Welsh, Miss Wright, Mr. DuPoncet, Miss Keyes, Miss McLane.

Research Committee

Mr. Heilman, Mr. Finley, Mr. Smith.

Committee on School Calendar

Mrs. Gilpin-Brown, Mr. Kendel, Mr. Long.

Committee on Student Programs

Mr. Heilman, Miss Orndorff, Mr. Hargrove, Mrs. Aultman, Miss Clasbey.

Committee on Student Receptions

Mr. Abbott, Miss Roudebush, Mrs. Aultman, Mr. Adams, Miss Baker.

Committee on Special Funds

Mr. Miller, Mr. Cross, Mr. McCracken, Mr. Sweany, Secretary to the Board.

Committee on Scholarships

Mr. Sweany, Mr. Bell, Miss Kendel.

Teacher's Bureau

Director of the Training School, Dean of the College, Mr. John R. Bell, Mr. Sweany, Mr. Culbertson, Secretary.

Committee on Text Books

Librarian, Dean of College, Heads of Departments in Question, Mr. Miller.

Committee on War Council and Reconstruction

Mr. Smith, Miss Roudebush, Mr. Beeson, Mr. Bowers, Mr. McCracken.

Committee on Women's Welfare

Dean of Women, Miss Hanno, Miss Wilson, Mrs. Sibbey, Miss Dilling, Miss Peake.

Committee on Women's Building

Dean of Women, Mr. Kendel, Miss Knott, Miss Wheeler.

Committee on Y. M. C. A.

Mr. Finley, Mr. Long, Mr. Wright, Mr. Bishop.

Committee on Y. W. C. A.

Miss Wilson, Mrs. Gilpin-Brown, Miss Dilling, Miss Hawes, Miss Blanchard.

Colorado State Teachers College

Location—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 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. It is a thoroly prohibition town. There are 12,000 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, practical 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 anywhere that they may be called. Students come to Colorado 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—Admission to the College is granted to those who present a certificate of graduation showing the completion of fifteen or more units in an acceptable high school. This certificate must be presented at the time of matriculation in the College.

Mature students, not high school graduates, may be assigned to the Ungraded School for Adults. As soon as they have completed the equivalent of fifteen high school units, or shown the learning power which such completion usually gives, they may be granted a certificate of high school graduation and admitted to the College.

Conditional Admission—An applicant who is twenty years old or over, who is not a high school graduate, but who is credited with fourteen high school units may be admitted to the College upon presenting a transcript from a reputable high school, showing the completion of fourteen units. This admission is conditioned. Such students are limited to a maximum program of twelve hours per quarter and must make up the deficient high school unit in the Industrial High School during the student's first year in the College. The student could not be enrolled for the second year until the entrance condition had been removed.

Special Students.—Experienced teachers, not high school graduates,

who have attained marked success in their profession may be admitted as **Special Students** upon the recommendation of the Committee on Entrance. Special students will be admitted regularly to the College only after having met all the requirements set by the committee. Special students who fail to meet the College requirements and to do work of College grade will be reassigned to the Ungraded School for Adults.

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

Credit may be granted for private lessons in music, art, language, business courses, penmanship, etc., or for courses in such subjects in private or public schools not of collegiate rank only upon a recommendation, after careful examination, by the heads of departments giving such work in the College. Whenever thus recommended the work must be certified as similar to, and as a substitute for, certain specified courses which such departments offer or recognize as a part of the training of a teacher in that particular field.

Those who desire advanced standing should write for application blanks for advanced standing at their earliest convenience, and should return these as soon as possible together with credentials to the College. It is exceedingly important that full credentials, relative to all the work for which credit is expected, be forwarded. This saves the student much delay and inconvenience.

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

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. In addition to a regular program of sixteen hours any student may add one or two of the following one-hour courses to his program without special permission: Bible Study, Community Co-operation, Conservatory Music Lessons or Chorus.

A student who wishes to take a larger program than sixteen hours

made up of any other additions than those mentioned above must have been in residence at least one quarter and have shown ability to do work of "A" or "AA" quality. Applications for permission to take more than sixteen hours are made in writing to the Committee on Students' programs. This committee will decline to grant permission to students to take more than eighteen hours, on the ground that it is better for the most brilliant student to do extended and careful work on eighteen hours, rather than to do twenty hours or more, superficially.

In case a student makes more than two grades below "B" during a given quarter he will be limited to fourteen hours the following quarter.

It shall be a part of the duties of the Committee on Student Programs to learn at the close of the first half of each College quarter the quality of the work of each student carrying more than sixteen hours, and reduce the number of hours in each and every case regarding which any instructor reports the student's work as either weak or unsatisfactory.

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 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:

A mark of 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 the 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.

A student who enters school late in the quarter or is compelled to leave early may receive partial credit for the course in such a way as to indicate both the quality and the amount of credit. For example: A student may complete with exceptional distinction but two-thirds of a three-hour course. The mark should be 2AA, and not 3C. Each mark would give 2.4 hours, but the first mark would indicate the quality of the work as well as the amount of credit.

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 colleges. 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 the 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. By doing some work in Extension courses through the school year while teaching, it is possible to reduce the time still further.

Practice Teaching—Teachers who have had less than two years of college training take their practice 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 practice 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 practice teaching in each year. Ed. 105 takes the place of one quarter of practice teaching for those who are to teach in high schools.

The State Board of Examiners—Every student before being granted a life certificate appears before the State Board of Examiners to teach a model lesson. Only students who have had at least a quarter's practice in the Training School are admitted to this examination. A second examination is not required of those who are taking the A.B. or A.M. degree if they have already taught successfully before the State Board.

THE SUMMER QUARTER

The Summer Quarter of 1921 will in general follow the plans begun in 1918. The quarter will be but a little shorter in actual time than the other three quarters of the college year. 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. This includes the usual two hours' credit for the evening lectures.

The policy of bringing in from other institutions, not only lecturers, but class-room teachers as well will be continued and extended. Twenty 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 group 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. A thousand teachers each year avail themselves of the opportunity.

Admission to the College at other times is limited to those who have completed 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. This year for the first time the College is opening the summer classes to all who may profit by the instruction offered.

Any student twenty years of age or over may be enrolled in Teachers College for the Summer Quarter without reference to meeting the College requirement 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 from the complete College program 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 done will be kept. This may later be transferred to the permanent records and counted toward graduation when the entrance requirements have been complied with.

TEACHERS COLLEGE CO-OPERATION WITH ST. JOHN'S COLLEGE

St. John's College is a theological school maintained in Greeley by the Protestant Episcopal Church. Students in St. John's College are required to complete a course for the degree of Bachelor of Arts before that college will grant the degree of Bachelor of Divinity. Theological students take all their theological courses in St. John's College and their academic and teachers' professional courses in Colorado Teachers College. Such students take all of the required "core subjects" of the four-year course in Teachers College and count their St. John's courses as electives in the Teachers College curriculum. A total of 192 hours is required for the A.B. degree. For the requirements for the B.D. degree and for all other details concerning the theological school and its requirements address The Reverend B. W. Bonell, Dean of St. John's College, Greeley, Colorado.

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 have 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.

COLORADO CLIMATE

Greeley is one of the most beautiful small cities to be found anywhere, situated 52 miles north of Denver, within plain view of the Rocky Mountains, in the heart of the richest farming country in the world. Its homes shelter an intelligent population of over 12,000 persons, overwhelmingly American. Its streets are broad and shady, its lawns well-kept; its water supply is piped 38 miles from a mountain canon, and is pure and soft. It is pre-eminently a city of homes, schools and churches.

Altitude, etc.—The altitude, 4,567 feet above sea level, insures clear, dry air, sunny days and cool nights. Seldom does the night temperature go above 70 degrees, even in the hottest part of the summer; 60 or 65 degrees at night is usual. Because of the low percentage of humidity, even the hottest midday is seldom oppressive, and sunstroke is unknown.

One may accomplish a given amount of brainwork here with the minimum of energy or fatigue, while recuperation comes quickly. This statement is true of the entire year. Hence students of Colorado schools make greater relative progress with the same effort than those of any other state.

EQUIPMENT

This 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 50,000 volumes bearing on the work of Teachers College. 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 thru settling basins and filters until all foreign matter is removed. The supply is clear, pure, and ample for all the 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 the executive offices, classrooms, and class museums. Its halls are wide and commodious and are occupied by statuary and other works of art, which make them very pleasing.

The Library—The Library is a beautiful building. The first floor is entirely occupied by the library, consisting of more than fifty thousand volumes. The furniture in the Library is of light oak and harmonizes with the room in a most pleasing manner. The basement is occupied by committee rooms; text-book department, taxidermy shop, wild animal museum, and the department, rural schools and 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.

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 furnishing 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 will contain 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 will be maintained to provide meals for students.

Other Buildings—Other service buildings, such as an ample heating plant, a greenhouse, stables, garages, automobile repair shop, etc., are maintained.

A NEW BUILDING PROGRAM

The legislature of 1916-17 provided a millage tax for building pur-

poses for all the state educational institutions. This taxation is to extend over a period of ten years and will give the Teachers College approximately \$100,000 a year for that period—a total of a million dollars for buildings.

None of this money was used until the war ended. Now the available funds will be used and the needed new buildings provided as rapidly as possible. Within the ten years the campus will be covered with all the buildings needed by a complete and modern 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 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, which give it the appearance of a natural forest. During the summer, birds, rabbits, squirrels and other small animals make the campus their home, thus increasing its value as a place of rest, recreation, or study.

During the summer and fall quarters the faculty gives its evening reception to the students on the campus. At this time it presents a most pleasing appearance, being lighted, as it then is, by electric lights and Japanese lanterns.

In the rear of the buildings is a large playground, which covers several acres. In the southwestern portion of this playground is a general athletic field, a complete view of which is secured from a grand stand, which will accommodate more than a thousand spectators. On the portion of the grounds 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 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 in as low as can be made 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 from \$4.00 to \$5.00 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—from five to six dollars a week. Room rent costs \$6.00 to \$8.00 per month with two students in a room. Rooms equipped for light housekeeping cost from \$6.00 to \$10.00 a month.

- Tuition**—1. Tuition is free to Colorado students.
 2. Tuition to non-Colorado students is \$5.00 per quarter.
 3. Fee for diploma to non-Colorado students is \$5.00.

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: also a season ticket to all regular athletic events. This fee is paid by all and is never refunded. After the opening day, late comers pay \$2.00 extra fee.

Special private lessons in Piano, Organ, Violin and other musical instruments, and Voice are extra in the College Conservatory of Music.

The regular training of teachers in public school music, supervision of music, etc., is free.

Text-Books—Students may secure the regular text-books at the College Co-operative Book Store at a reduction from the publishers' list prices. These books will be bought back from the student if in good condition, and still regularly used as text-books.

Necessary Expenses for a 12-Week Quarter

Board	\$48.00
Room	18.00
Incidental Fee	8.00
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Total	\$74.00

Add to this your own laundry and a small fee for books.

MAINTENANCE OF THE COLLEGE

The maintenance of the College comes from a state mill tax and from special appropriations made by the legislature. The session of 1917 levied a special tax to run for a period of ten years to provide money for buildings and permanent improvements.

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 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 school. 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 immortalized 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 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 with 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 State Teachers College to maintain a high standard of scholarship and professional training. Those who are graduated shall be thoroly 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.

TEACHERS' BUREAU

It is the purpose of the Bureau to secure such information as will insure the selection of the best available person for a given position. Boards of Education wishing to employ teachers are invited to make their wants known. All correspondence should be addressed to the Secretary of the Teachers' Bureau.

DEPARTMENTAL MUSEUMS

The museums of the 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.

THE CHRISTIAN ASSOCIATIONS

Y. W. 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. 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 organization. This club has a membership of active young people. Both 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 the Teachers College. Perhaps Colorado Teachers College is more widely known nationally for this plan of Bible Study than 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. Last year 250 students availed themselves of the opportunity of Bible Study under this plan. A student may register for the regular number of hours in the College and then take either the Bible Study or Community Co-operation work in addition. The amount of credit given for either of these two pieces of outside work is one hour a quarter.

COMMUNITY CO-OPERATION PLAN

The College has instituted a plan in which provision was 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, Sodalities, 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.

The College believes that the plan is worth while and hopes for its extension until all students may have had such training before going into actual work in the teaching profession.

LOAN FUNDS

The following are a number of loan funds that are designed to help needy students to complete courses in State Teachers College.

Students' Relief Fund—The object of this fund is to afford pecuniary assistance to meritorious students who have exceptional need of such help. It not infrequently happens that a promising student who has entered upon his work with the expectation of carrying it thru until graduation, meets with an unexpected loss, thru sickness or other causes, which compels him either to leave the school or to continue the work under conditions that are not conducive to the best results. To meet the need of these students, a fund has been established, called the Students' Relief Fund, from which money is lent to such students until they are in a position to repay it.

The money constituting this fund consists of contributions from persons and organizations disposed to help in the work, and of the interest derived from loans. The secretary of the Board of Trustees of the College is the custodian of the fund.

Applications for loans are made to the Loan Committee, which is composed of members of the faculty of the school. 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, and will be in a position to repay the money within a reasonable time. No loan is made unless a student has already completed the greater part of his course in the school, and is consequently well known to the teachers. The treasurer accepts the student's note and collects it when it becomes due.

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 composed 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.

Third and Fourth Year Scholarship 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 pursue courses leading to the A.B. degree. This fund now approximates one thousand dollars, from which loans are made to advanced students only. It has already helped many worthy students to continue to the end of their four-year courses. This fund is in charge of the Board of Trustees.

First and Second Year Scholarship Fund—This Fund is an accumulation of money contributed by first and second year graduates and others who may be interested in creating a fund for those who pursue two-year courses. This fund is in charge of the Secretary of the Board of Trustees and is subject to the control of the students of the first and second years.

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 The 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 Trustee the amount or amounts so received, within five years after graduation or quitting the College, without interest; but it is the desire of said donor that no student shall be pressed for the payment 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.

Graduate Scholarships—Other funds available for students are listed under the head of Graduate Scholarships. See page 32.

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

Honorary Fraternity in Education—In November 1919 the application of a group of students in Colorado State Teachers College for a chapter of said fraternity was granted by the Grand Council of that organization. After the preliminary arrangements had been completed the charter members of the new fraternity were initiated by representatives of the University of Colorado chapter as Theta Chapter.

The fraternity is open by invitation both to men and women. The scholastic standard set by the chapter requires that a candidate have at least fifty per cent of his marks "A's" and "AA's". The candidate must have attained at least junior standing in the College and must have had, or at the time of the application be taking, at least nine hours in Education.

Colorado State Teachers College is the first teacher's college to have the honor of a chapter of this honor society.

PI KAPPA DELTA

Honorary Debating Fraternity—The national honorary fraternity, Pi Kappa Delta, was the first honorary society to be installed in 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. During the past year the following students have been elected to membership in Pi Kappa Delta: Calvin Alexander, Margaret Clark, Roy Harper, Alma Herfurth, Dewey Marker, Yvonne Letey, and Eric Smith. Members of debate teams are selected in try-outs open to the whole student body, so that every student has the opportunity of working for the honor of election to membership in this society.

The Extension Department

PURPOSES OF EXTENSION WORK

The purpose of an Extension Department in a teachers' college may be expressed from several points of view.

CO-OPERATION WITH SUPERINTENDENTS

Primarily, it is a standing offer of the College's resources to **public school leaders** for the purpose of promoting their plans for public school improvement.

TRAINING DURING SERVICE

As a result of constant supervision of the work of teachers, city and county superintendents of schools gather a valuable fund of information concerning the **deficiencies** of teachers and their **need of special study and training**. On the basis of such classified information about recurring needs superintendents frame their general programs for the cumulative improvement of the work of their teachers. At this point the College thru the Extension Department offers its services to superintendents. In consultation with the superintendent the College offers courses of instruction designed to meet the **ascertained needs** of the teachers, and provides an instructor to meet the teachers regularly in their own town. From this point of view the **Extension Department exists to co-operate with superintendents in the work of giving training during service.**

DISCOVERING THE NEEDS OF SCHOOLS

As a result of the tendency to adopt scientific methods of working out the problems of Education, public school leaders are applying to their schools a familiar practice of the business world—the **inventory**. In Education this practice is called the **survey**. It consists in taking stock of the entire educational situation as a means of discovering the phases of the work which especially need attention. Thru the Extension Department the College offers its services to superintendents who wish, as the starting point of their campaign of improvement, the complete perspective which an educational survey provides. From this point of view also, the Extension Department exists for the purpose of co-operating with school superintendents in the task of giving training in service—because the survey discloses, among other things, the specific needs of training for teachers.

PROMOTING THE PERSONAL GROWTH OF TEACHERS

Secondarily, the Extension Department is a standing offer of the resources of the College to ambitious teachers who can not at the time attend College.

MEETING THE PROFESSIONAL NEEDS OF TEACHERS

The thoughtful teacher **discovers his needs** by the difficulties he meets in his daily work, by the suggestions of his superintendent, by comparison of his work with that of other teachers, and the like. The teacher with **scholarly tendencies** craves opportunity to follow up some interesting subject for the study of which he needs the direction of a specialist. The teacher with a **penchant for research work** in his field finds that he needs help in blocking out his problem and devising fruitful lines of attack, and so on. Or the teacher in line for promotion feels that he needs to be ready to teach a new subject next year.

To all such teachers the College offers thru the Extension Department a wide variety of courses in many fields of culture, and as much counsel upon specific problems as may be desired.

THE WARRANT FOR EXTENSION SERVICE

In short, the Extension Department of Teachers College is organized to co-operate with public school leaders in their effort to give training during service; and to provide timely help to individual teachers in improving their mastery of their craft. It is the College's practical recognition of the fact that no vocational school can anticipate in its resident curricula all the problems that will arise in the work of its graduates under the varied conditions of life in the world of affairs. Schools of medicine and nursing, schools of philanthropy, schools of commerce and agriculture can not do it. Neither can schools for teachers. The period of school life is too short; the initial equipment of students is too uneven; and the social and economic conditions of the communities to which graduates go are too unequal to admit of more than partial success even in the attempt to equip students to meet the characteristic responsibilities of their occupation. Consequently, for the teacher as for the doctor, the nurse, the social worker, the business-man, and the farmer, the progressive higher school must provide an extra-school service directed at the exigencies that arise in practice. Beyond this Extension Department is the College's recognition of the fact that teaching is an occupation which may in many communities be entered with very slender initial preparation, and which oftentimes must be pursued with but little timely help.

Consequently, as a result of both sets of conditions, training during service properly and inevitably constitutes a very important part of the program of both superintendents and Teacher-training schools. The courses described in this bulletin, and the special courses asked for by superintendents and given in various forms under the group plan of instruction (see below) are a part of this College's contribution to the solution of the superintendents' problem of giving training during service.

HOW EXTENSION WORK IS ORGANIZED AND CONDUCTED

There are two general schemes of instruction. In the following paragraphs each is described.

THE GROUP PLAN OF INSTRUCTION

1. **Instruction by members of the College Faculty:** In centers close enough to the College to make such procedure possible, members of the College faculty will conduct courses for teachers. Realizing that the superintendent of schools is in a position to know better than anybody else the characteristic needs of his teachers, the College prefers that the superintendent should take the initiative in determining what courses ought to be offered at any given time in his town. Ordinarily such classes meet once a week in towns within 100 miles of Greeley. In towns farther away than this fortnightly meetings are usually necessary unless the class be exceptionally large. Under the best of circumstances, however, each such class involves a substantial deficit to the College, which must be provided for in the budget. So, instruction under this plan is restricted to groups of 15 or over.

Courses under the group plan are conducted as nearly as possible in the way in which they would be conducted in residence at the College. The periods are of course longer, and the meetings are necessarily less frequent—important variations which require definite adjustments from the instructor, both for the sake of the students and in the interest of the College's standards of work.

2. **Instruction by Local Representatives of the College:** In centers too remote from the College to admit of sending members of the faculty for regular class-work, it is frequently feasible to appoint a resident of the community to represent the College for a particular line of instruction. A person, usually a school-man, who possesses at least the degree of A.B. or its substantial equivalent, and who has had professional training and experience that would justify his appointment as a member of

the College faculty, may be appointed an Extension Instructor. Under the general direction of the College he gives the course agreed upon with the Extension Department, observing the same regulations as govern the group instruction conducted by members of the College faculty. He assumes full responsibility for the organization of the class, the keeping of the necessary records, the transmission of initial and final reports to the Extension Department, and the like. He transmits to the Extension Department the total fees collected from his class, and receives from the College for his services a percentage of these fees. Courses given under this plan are announced at the beginning of each semester in the towns where they are offered, and enrollment is accomplished as in the classes conducted by members of the faculty.

3. Group Leadership by a Member of the Class: Where the conditions presented in 2 can not readily be met, it may still be feasible to organize a modified form of **group study** by appointing a capable and energetic member of the class as **Class Leader**. The Class Leader acts as secretary of the group, keeping all necessary records, making the necessary reports to the Extension Department, and so on, receiving for his services the remission of his fee as a student in the class. In common with the other members of the class, the **Class Leader** uses the study directions and assignments of the **Correspondence Section** of the Extension Department. Every member of the class who is working for credit makes the usual written response to the Extension Department upon each **study unit** in the course; but all have the advantage of group discussion of their difficulties. The **Class Leader** meets the group regularly at some appointed place after each has done his best to meet the requirements of the assignments of the study unit under consideration. The difficulties of the members of the class are discussed in the meeting and all have the advantage of the stimulus afforded by such discussion. The Class Leader takes pains to surround these meetings with conditions insuring thoro and independent work from every member of the class. This combination of correspondence direction with group discussion of difficulties makes the nearest approach to the normal conditions of class work that can be provided in regions remote from the College.

INDIVIDUAL CORRESPONDENCE COURSES

How to Enroll—The process of enrollment for correspondence study is simple. The student chooses from the Handbook the course which he wishes to study. If it is a credit course, he notes how many hours of credit it carries. He reads the sections on **Fees** and **How to Obtain Books**. He then writes to the **Extension Department, State Teachers College, Greeley, Colorado**, enclosing a check, draft, or money order for the fees, stating clearly what course he wishes to take, explaining what his previous training and experiences have been, and mentioning the work he is now doing. Correspondence study may be begun at any time, but under a regulation of the business office of the College, **NO ENROLLMENT CAN BE MADE UNTIL THE NECESSARY FEES HAVE BEEN PAID**.

Upon receipt of the fees the secretary of the Extension Department enrolls the student for the course chosen and sends him the material he needs.

The nature of Correspondence Courses—Each **Correspondence 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, what material the College Library will provide, and so on; and (3) a sheet of "**general directions**" for preparing recitation papers. For a full description of how correspondence courses are conducted, see the Handbook of the Extension Department.

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 subject 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 the Colorado State Teachers College upon 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 their approval before the opening of the quarter. Such blanks may be secured by addressing the 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 work are required in residence at the College in advance of 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 during the regular school year 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 M.A. 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 work 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 Psychology, Sociology, Biology, and Education.

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 work 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 non-residence 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 M.A. 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 M.A. standard and that it is in line with the specialization necessary for the M.A. 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. Satisfactory teaching experience shall be regarded as a prerequisite to graduation with the Master's degree. Teaching in some department of the College or its training schools may, under certain conditions, be included in the graduate work of candidates for the Master of Arts degree. Routine teaching will not be recognized for graduate credit. When graduate credit is given to teaching, this work must be of an advanced character, so organized, controlled, and supervised as to insure some decided growth of the teacher in the scholarship of the subject or professional insight into its value and problems.

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

9. Before the M.A. degree may be conferred a student must have had at least 72 hours of college work in his major and not less than 32 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 M.A. degree shall be done with distinction; work barely passed (marks of 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 must be placed on file with the Dean of the Graduate School, both of which he shall place in the library for permanent reference.

12. Before the candidate for the Master of Arts degree is admitted to final examination the thesis requirement 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

Students submitting theses should present them in typewritten form, upon paper of good quality, of customary size (8½x11), leaving a margin at the left adequate for binding—fifteen points by the typewriter, twenty if the manuscript is thick.

A title page should be prepared, containing in neat lettering at the top, the name of the institution, THE STATE TEACHERS COLLEGE OF COLORADO; below this at some distance the title of the thesis; about the middle of the page the statement: A THESIS SUBMITTED IN CANDIDACY FOR THE DEGREE OF MASTER OF ARTS IN EDUCATION; at a lower level of the page the author's name, and at the bottom the address, and the year.

All theses should contain a brief analysis or table of contents at the beginning; should give footnote references to literature quoted by author, title of book or article, and exact page; and should contain at the end a bibliography of the literature of the subject. In giving bibliographical material, the customary form of publishing houses should be used, which is quite uniformly that of the author first, followed by title, price, copyright date, and publisher, and in case of magazine references, this by title of magazine, volume or date and page.

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 others.

Graduate Scholarships for 1920-21

THE HENRY STRONG GRADUATE SCHOLARSHIP*

A scholarship of \$300 is offered by the Henry Strong Educational Foundation for the school year 1920-21.

It is open either to a young man or young woman not more than twenty-five years of age who desires 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 candidate since the scholarship is open only to a graduate student. 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.

Applications for the scholarship should be sent to the Dean of the Graduate School not later than July 1, 1920. The award will be made by Mrs. Charles Denison of Denver, who is one of the trustees in charge of the Henry Strong Educational Foundation. Blanks for application may be secured from the Dean of the Graduate School.

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, 1920-21.

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.

Applications for this scholarship should be filed with the Dean of the Graduate School not later than July 1, 1920. The final assignment of the scholarship will be made by the church in cooperation with the college authorities.

THE PRESBYTERIAN BROTHERHOOD SCHOLARSHIP*

The Brotherhood of the First Presbyterian Church offers to a member of the Graduate School, a scholarship with a stipend of \$150 for the school year 1920-21. This is open to young men qualified to assist in the boy's work of the church. A fair amount of time of the holder of this scholarship will be asked in return for the stipend.

Applications for this scholarship should be filed with the Dean of the Graduate School not later than July 1, 1920. The final assignment of the scholarship will be made by the church in cooperation with the college authorities.

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 1920-21. This is open to any young man or young 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.

*Regular college fees will be waived for the holder of this scholarship.

Application for this scholarship should be filed with the Dean of the Graduate School not later than July 1, 1920. The final assignment of the scholarship will be made by the Weld County Savings Bank in cooperation with the college authorities.

CONGREGATIONAL CHURCH GRADUATE SCHOLARSHIP*

The Park Congregational Church of Greeley offers to a member of the Graduate School, a scholarship with a stipend of \$300 for the school year 1920-21. This is open to a young man qualified to assist in the boy's work of the church. One-fourth of the time of the holder of this scholarship will be asked in return for the stipend.

Applications for this scholarship should be filed with the Dean of the Graduate School not later than July 1, 1920. The final assignment of the scholarship will be made by the church in cooperation with the college authorities.

GRADUATE SCHOLARSHIP*

A scholarship with a stipend of \$450 is offered for the school year 1920-21 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 a young woman who has had excellent training in French and is able to teach that language. 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.

Applications for the scholarship should be sent to the Dean of the Graduate School not later than July 1, 1920.

GRADUATE SCHOLARSHIP*

A scholarship with a stipend of \$450 is offered for the school year 1920-21 to a graduate student who desires to continue advanced study in preparation for the teaching profession. It is open to a young man or a young woman who has had excellent training in Spanish and is able to teach that language. Approximately six hours of teaching will be required in return for this stipend. The remainder of the student's time may be spent in advanced work in his major and allied subjects looking toward the Master of Arts degree.

Applications for the scholarship should be sent to the Dean of the Graduate School not later than July 1, 1920.

GRADUATE SCHOLARSHIP*

A scholarship with a stipend of \$450 is offered for the school year 1920-21 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 who has had excellent training in Latin and is able to teach that language. 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 subjects looking toward the Master of Arts degree.

Applications for the scholarship should be sent to the Dean of the Graduate School not later than July 1, 1920.

DENVER TEACHERS GRADUATE SCHOLARSHIP*

In appreciation of the work of Dean Thomas C. McCracken, the members of the Extension Course, Ed. 229, given in Denver, 1919-20,

*Regular college fees will be waived for the holder of this scholarship.

offer a graduate scholarship with a stipend of \$100 for the school year 1920-21. This is open to any student who wishes to pursue advanced study in preparation for teaching. First preference will be given to a teacher in the Denver Schools. 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.

Application for this scholarship should be made not later than July 1, 1920. It should be sent to the Dean of the Graduate School.

DELTA PHI OMEGA GRADUATE SCHOLARSHIP*

The Delta Phi Omega Sorority offers a graduate scholarship with a stipend of \$150 for the school year 1920-21. 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 the 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.

Applications for this scholarship should be made not later than July 1, 1920. This should be sent to the Dean of the Graduate School. The final assignment of the scholarship will be made by a committee from the sorority assisted by the Dean of the Graduate School.

*Regular college fees will be waived for the holder of this scholarship.

THE COURSES OF STUDY

Thruout 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 like a medical or engineering 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.

To meet the requirements for teachers of all kinds of schools the college provides the following courses of study, and asks each student entering October 1, 1918, or after, to select a course definitely and to consult as a permanent adviser the head of the department directing that course of study. Students who registered previous to that date may continue with the old course of study and complete that course if they can do so within reasonable limits of time; but all who can readily make the adjustment are advised to select one of the new courses and complete their work under the new plan.

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 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.

Two-year and four-year courses of study for teachers are arranged for in the following departments. Choose the department in which you wish to specialize:

- | | |
|---|---|
| 1. Agriculture (2 yrs. only). | 8. Geology, Physiography and Geography. |
| 2. Biology. | 9. History and Political Science. |
| 3. Chemistry. | 10. Home Economics. |
| 4. Commercial Arts. | 11. Hygiene and Physical Education. |
| 5. Education. | 12. Industrial Arts. |
| Superintendents, H. S. Principals and Teachers. | 13. Literature and English. |
| Kindergarten, | 14. Mathematics. |
| Primary, | 15. Music. |
| Intermediate, | 16. Physics. |
| Junior High School, | 17. Romance Languages and Latin. |
| County Schools. | 18. Social Sciences. |
| 6. Educational Psychology. | |
| 7. Fine and Applied Arts. | |

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

	Hours.
1. The Professional Core:	
Biol. 2.—Educational Biology	3
Ed. 8.—Educational Values.....	3
Soc. 3.—Educational Sociology.....	3
2. Other Required Subjects:	
Eng. 4.—Speaking and Writing (Students may be excused by proving proficiency).....	3
Ethics 1.—(required only of women students).....	1
3. Subjects Required by the Department, and Elective Subjects.....	35
Phys. Ed.—Physical Exercise (required each quarter).	

All first and second year students are required to take one active course each quarter. Senior and Graduate students are exempt from this requirement but may elect any of the courses offered and receive credit towards graduation. Where physical disability makes it inadvisable for a student to participate in regular class activities, work in a corrective class, or special work in Hygiene is assigned.

Second Year

	Hours.
1. The Professional Core:	
Psych. 2a.—Educational Psychology.....	3
Psych. 2b.—Ed. Psychology (continued).....	3
Ed. 10.—The Elementary School Curriculum.....	3
Pol. Sc. 30.—Political Adjustment.....	3
2. Other Required Subjects:	
Phys. Ed.—Physical Exercise Courses (each quarter)	
The following work is required of all students who expect to take the two-year diploma.	
Observation and Practice Teaching.....	8
3. Subjects Required by the Department, and Elective Subjects.....	28

Students may graduate and receive the Colorado Life State Certificate at the end of the two-year course.

Third Year

	Hours.
1. The Professional Core:	
Psych. 104.—Psychology of the Elementary School Subjects, or	
Psych. 105.—Psychology of the High School Subjects.....	4
Soc. 105.—Social Maladjustment.....	4
2. Courses Required by the Department, and Elective Courses.....	40
3. In the Third or Fourth Year	
The following courses are required of those who expect to teach in high schools:	
Ed. 105.—Principles of High School Teaching.....	4
Ed. 103.—Practice Teaching in the High School.....	4

Fourth Year

	Hours.
1. The Professional Core:	
Ed. 111.—Principles of Education.....	4
Ed. 116.—The High School Curriculum.....	4
Psych. 108.—Educational Tests and Measurements.....	3
(Ed. 116 and Psych. 105. Ed. 103 and Ed. 105 may be omitted by students who do not expect to become High School teachers. Additional practice teaching in the elementary school will be required instead.)	
2. Courses Required by the Department, and Elective Courses.....	37

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 required hours must represent resident work; the remaining forty-eight 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—Students entering the College October 1, 1917, or after, are 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 Teachers College work. The student may not, however, be excused from the "core required subjects" except by the heads of 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 many 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 are required for the A.B. degree. For graduates of the two-year course in this college, two quarters of additional residence study are required. One quarter only is required of those who take the three-year diploma and life certificate.

The Fifth Year Course—See the Graduate School pages 29 to 34.

Diploma and Degree—At the end of the fourth year of study, and upon the 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.

Agriculture

W. H. HARGROVE, Pd.B., B.S.Ed., B.S.Ag.

The work of this department is designed to prepare teachers of Agriculture. The department of education will give the necessary professional training, and the departments of chemistry, biology, physics, industrial arts, sociology, economics, and mathematics will give the work in the related subjects. For the present the department has ample grounds for practical work in gardening, truck crops, and demonstration plots for field crops. Six months of supervised teaching of agriculture in the State High School of Industrial Arts (high school department of the Colorado State Teachers College) will be required of all students who expect to ask for recommendations as teachers of agriculture in high schools.

First Year

Fall Quarter		Winter Quarter		Spring Quarter	
Biol. 2.—Bionomics	3 hrs	Education 8	3 hrs	Sociology 3	3 hrs
Animal Husb	4 hrs	Animal Husb.	4 hrs	General Chem.	4 hrs
General Chem.	4 hrs	General Chem.	4 hrs	Gardening and	
English 4	3 hrs	English 15	3 hrs	Truck Crops	3 hrs
Electives	2 hrs	Electives	2 hrs	Ec. Botany	3 hrs
				Electives	2 hrs
				Ethics 1	1 hr

Physical Education is required each quarter of the first and second years, with or without credit.

Second Year

Fall Quarter		Winter Quarter		Spring Quarter	
Psych. 2a	3 hrs	Psych. 2b	3 hrs	Pol. Sc. 30	3 hrs
Farm Crops	4 hrs	Zoology Lab.	3 hrs	Dairying	4 hrs
Zoology	4 hrs	Soils	4 hrs	Forage Crops	4 hrs
Ed. 2	4 hrs	Poultry Husb.	3 hrs	Ed. 2	4 hrs
Electives	1 hr	Ed. 10	3 hrs		

Students may graduate and receive the Life Certificate at the end of the two-year course as outlined above.

1a. Animal Husbandry. Types and Market Classes of Live Stock—
Four hours. Fall Quarter.

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

1b. Animal Husbandry. Types and Market Classes of Live Stock—
Four hours. Winter Quarter.

A continuation of 1a.

2. Farm Arithmetic—Four hours. Fall Quarter.

This course aims not only to review arithmetic and to present methods of instruction; but to consider practical farm problems that involve the science of arithmetic and elementary farm accounting; also problems of interest to the housewife, such as household weights and measures etc.

3. Methods in Gardening and Truck Crops—Four hours. Spring Quarter. Fee, 50 cents.

A study of the general subject dealing with the production of vegetables for the home as well as for the market. Lectures, demonstrations, reference reading, and practice work in gardening.

4. Farm Crops—Four hours. Fall Quarter. Fee, \$1.00.

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

5. Soil Physics and Soil Fertility—Four hours. Winter Quarter. Fee, \$1.00.

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

6. Elements of Dairying—Four hours. Winter Quarter. Fee, \$1.00.

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.

9. Forage Crops—Four hours. Spring Quarter. Fee, \$1.00.

This course deals with the principal forage and pasture crops, with special reference to their economic value in the production of beef, pork, and mutton.

10a. Poultry Raising—Three hours. Winter Quarter.

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

10b. Poultry Raising—Two hours. Spring Quarter.

Feeding and general care; common diseases of poultry; incubating, brooding, and handling of farm poultry.

11. Feeds and Feeding—Four hours. Fall or Winter Quarter.

A study of the most successful and economical methods of feeding farm animals. Growth of the young animal is emphasized. Results of various experiment stations are compared.

12. Farm Management—Three hours. Fall or Winter Quarter.

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 Life—Three hours. Spring Quarter.

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 with life in the community and rural life institutions in view of modern demands. Elective.

14. Breeds of Live Stock—Three hours. May be given any Quarter.

This course deals with the history, development and characteristics of the leading breeds of live stock; pedigree and performances of superior individuals among horses, cattle, sheep, and swine.

41. Beef Production—Three hours. Fall or Winter Quarter.

A discussion of practical methods of beef production, including a consideration of successful practices in feeding for market, fitting for shows, and general care and management of beef cattle.

42. Dairy Feeding—Two hours. May be given any Quarter.

This course applies the principles of animal nutrition to the special problems of feeding dairy cattle.

50. Grain Judging—Three hours. Fall Quarter.

A study of the important varieties of corn, oats, wheat, barley, and other cereals, and the commercial grading and marketing of grains.

60. General Pomology—Two hours. Elective. Fall or Spring.

A course dealing with climate and soil requirements, selection and arrangements of varieties, and the general management of fruits.

Biological Sciences

LEVERET ALLEN ADAMS, Ph.D.

The biological department prepares teachers for the grades and high schools. It also endeavors to give a biological setting for the educational studies and for the activities of life.

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

The department of Biological Sciences occupies a lecture room and two laboratories on the third floor of the main building. It is equipped with microscopes, lantern slide collection, and type specimens for the work of Zoology and Botany. A museum for the use in nature work is located on the first floor of the Library Building.

A new science course, combining Zoology, Botany, Chemistry and Physics, is offered to the students as a four-year course. The combination is made to train students for the teaching of sciences in high schools, as most of the science work is or should be taught by the teachers trained in general science lines. These sciences work well together, so it is desirable for prospective teachers to train themselves in related subjects. As will be seen from the catalog, students may major in one of the four subjects with the most closely related as a minor, i. e.: Zoology—Botany, Physics—Chemistry. In any case work must be taken in the other sciences.

BIOLOGY. If Zoology is the major

First Year

Fall Quarter	Winter Quarter	Spring Quarter
Eng. 4 3 hrs	Biol. 2 3 hrs	Soc. 3 3 hrs
Physics 1 4 hrs	Ed. 8 3 hrs	Lib. Sci. 1 1 hr
Nat. Study 1 4 hrs	Ethics 1 1 hr	Art. 13 2 hrs
Zool. 1 4 hrs	Zool. 2 4 hrs	Zool. 3 4 hrs
Free Electives 1 hr	Electives 5 hrs	Ed. 1 3 hrs
		Electives 5 hrs

Physical Education is required each quarter in the first and second years, with or without credit.

Second Year

Fall Quarter	Winter Quarter	Spring Quarter
Phych. 2a 3 hrs	Psych 2b 3 hrs	Ed. 2 3-4 hrs
Ed. 2 3-4 hrs	Ed. 10 3 hrs	Po. Sci. 30 3 hrs
Gen. Chem. 1 3 hrs	Physics 4 3 hrs	Bot. 3 3 hrs
Bot. 2 4 hrs	Gen. Chem. 2 3 hrs	Electives 6 hrs
Electives 2 hrs	Electives 3 hrs	

Students may graduate and receive the diploma and Life Certificate at the end of the two-year course as outlined above.

STATE TEACHERS COLLEGE

Third Year

Fall Quarter		Winter Quarter		Spring Quarter	
Physics 1	4 hrs	Physics 2	4 hrs	Soc. 105	4 hrs
Organ. Chem. 108	3 hrs	Organ. Chem. 109	3 hrs	Ed. 103	4 hrs
Zool. 210	4 hrs	Psych. 105	4 hrs	Zool. 7	3 hrs
Electives	5 hrs	Biol. 102	2 hrs	Electives	5 hrs
		Electives	2 hrs		
		Ed. 105	4 hrs		

Fourth Year

Fall Quarter		Winter Quarter		Spring Quarter	
Geog. 8	4 hrs	Ed. 116	4 hrs	Ed. 111	4 hrs
Zool. 109	2 hrs	Chem. 7	4 hrs	Zool. 5	4 hrs
Electives	6 hrs	Zool. 108	2 hrs	Electives	4 hrs
		Bact. 1	4 hrs	Psy. 108	4 hrs
		Zool. 101	1 hr		
		Electives	1 hr		

The minor is in the physical sciences. The following are included:

Chem. 1	3 hrs	Physics 16	4 hrs
Chem. 108	3 hrs	Physics 4	4 hrs
Chem. 109	3 hrs	Physics 1	4 hrs
Chem. 7	4 hrs	Physics 2	4 hrs

BIOLOGY. If Botany is the major interest

First Year

Fall Quarter		Winter Quarter		Spring Quarter	
Bot. 2	4 hrs	Biol. 2	3 hrs	Soc. 3	3 hrs
Physics 16	4 hrs	Ed. 8	3 hrs	Bot. 4	2 hrs
Nat. Study 1	4 hrs	Hyg. 1	1 hr	Zool. 5	4 hrs
Eng. 4	3 hrs	Art 13	2 hrs	Free Electives	9 hrs
Free Elective	1 hr	Free Elective	7 hrs		

Physical Education is required each quarter in the first and second years, with or without credit.

Second Year

Fall Quarter		Winter Quarter		Spring Quarter	
Phych. 2a	3 hrs	Psych. 2b	3 hrs	Pol. Sci. 30	3 hrs
Ed. 2	3-4 hrs	Ed. 2	3-4 hrs	Ed. 10	3 hrs
Gen. Chem. 1	3 hrs	Physics 4	4 hrs	Bot. 3	3 hrs
Geog. 8	4 hrs	Biol. 102	3 hrs	Free Electives	7 hrs
Free electives	5 hrs				

Students may graduate and receive the diploma and Life Certificate at the end the two-year course as outlined above.

Third Year

Fall Quarter		Winter Quarter		Spring Quarter	
Physics 1	4 hrs	Physics 2	4 hrs	Soc. 105	4 hrs
Organ. Chem. 108	3 hrs	Organ. Chem. 109	3 hrs	Bot. 104	3 hrs
Zool. 109	2 hrs	Phych. 105	4 hrs	Bot. 102	1 hr
Free Electives	7 hrs	Bact. 1	4 hrs	Free Electives	4 hrs
		Free Electives	1 hr		
		Ed. 105	4 hrs		

Fourth Year

Fall Quarter		Winter Quarter		Spring Quarter	
Bot. 103	4 hrs	Ed. 116	4 hrs	Ed. 103	3 hrs
Zool. 1	4 hrs	Qual. Anal. 7	4 hrs	Ed. 111	3 hrs
Free Electives	4 hrs	Zool. 2	4 hrs	Bot. 105	4 hrs
		Free Electives	4 hrs	Zool. 3	4 hrs
				Psy. 108	4 hrs

The minor is in the physical sciences. The following are included:

Chem. 1	3 hrs	Physics 16	4 hrs
Chem. 108	3 hrs	Physics 4	4 hrs
Chem. 109	3 hrs	Physics 1	4 hrs
Chem. 7	4 hrs	Physics 2	4 hrs

BIOLOGY

2. **Bionomics**—Four hours. Each Quarter. Required of first year students.

A study of some of the fundamental facts and laws of biology that have a bearing on education. It forms a basis for the intelligent study of other educational subjects. It considers: Mendel's Law, heredity, eugenics, evolution and civic biology.

4. **Biological Seminar**—One hour. Each Quarter. Required of Biology majors.

ZOOLOGY

1. **Invertebrate Zoology**—Four hours. Two-hour periods. Fall Quarter.

Morphology and natural history of the invertebrates with particular reference to the Protozoa, Porifera, and Coelenterates.

2. **Invertebrate Zoology**—Four hours. Two-hour periods. Winter Quarter.

Continues Course 1. A study of the invertebrates from the Platyhelminthes to the Cordates. Lectures and special topics.

3. **Vertebrate Zoology**—Four hours. Two-hour periods. Spring Quarter.

Vertebrate morphology, starting with the Protocordates and including the comparative work on the higher vertebrates. Lectures and special topics.

4. **Ornithology**—Four hours. By appointment.

Critical study of birds with the use of key, etc.

5. **Bird Study**—Four hours. Summer Quarter.

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 to know something of their life histories, ecology, habits and economic importance. Students in this course may expect to use Saturdays for some of the excursions that require time.

6. **Mammals**—Three hours. By appointment.

The systematic positions of the mammals, life histories, evolution, and geographical distribution.

101. **Zoological Technic**—One hour. Winter Quarter.

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

107. **Protozoology**—Three hours. Spring Quarter.

Study of Protozoans of Colorado. Laboratory course.

108. **Animal Behavior**—Two hours. By appointment.

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. Given by appointment. Laboratory course. Two-hour periods.

109. **Parasitology**—Two hours.

A study of animal parasites. Laboratory course. Two-hour periods.

110. **Problems in Zoology**—Four hours. By appointment.

A discussion of the present day problems in Zoology. For students majoring in the department.

210. **Comparative Vertebrate Anatomy**—Four hours. By appointment.

BOTANY

1. **Elementary Botany**—Three hours. Spring Quarter.

Designed to meet the requirements of students preparing to teach in the elementary schools.

2. General Botany—Four hours. Fall Quarter.

Deals with the morphology, classification, ecology, and economic importance of plants. For majors in botany and students preparing to teach in high schools.

3. Systematic Botany—Three hours. Spring Quarter.

Prerequisite, some course in botany.

4. Botany of Trees—Two hours. Spring Quarter.

Considers the classification, morphology, growth, habits and characteristics of the more important trees found in the West. Recognition of trees in the field emphasized.

101. Advanced Systematic Botany—Three hours. Given by appointment.

102. Botanical Technic—One hour. Winter Quarter.

A laboratory course in the preparation of botanical slides; methods of preservation, collecting, etc.

103. Problems in Botany—Four hours. By appointment.

A discussion of the present day problems in Botany. For students majoring in the department.

104—Plant Ecology—Three hours. By appointment.

Deals with the effects of environmental changes on plants. Offered once every other year. Begins 1920. Spring Quarter.

BACTERIOLOGY**1. Bacteria, Yeasts and Molds**—Four hours. Winter Quarter.

Morphology, classification, cultivation, observation, fermentative processes and pathogenicity of micro-organisms. Special attention is given to the needs of Household Science Majors

NATURE STUDY**1. Nature Study**—Four hours. Fall, Spring and Summer Quarters.

Aims and methods of nature work. Planning of courses and outlines. Laboratory and field work on nature topics.

2. Nature Study—Four hours. Spring and Summer Quarters.

Nature work of the spring, with laboratory and field work.

3. Nature Study—Four hours. By appointment.

Special work in nature study for students who care to prepare for nature teaching.

BIOTICS**101. Biotics**—Three hours. Fall Quarter.

History of man and his body from the standpoint of evolution. Derivation of the skeleton, organs and different systems. Study of the remains of the pre-historic men, their form and evolutionary significance.

102. Biotics—Heredity—Three hours. Winter Quarters.

This course takes up heredity and its significance. Study of the laws governing it and their importance to the future of the races. Relation of biological laws and education.

103. Biotics—Eugenics, and Special Topics—One hour. Spring Quarter.

The modern trend for the improvement of the race. Study of the laws of heredity and some of the legislation for the application of these laws to the races. Consideration of some of the problems.

Chemistry

WILLIAM GRAY BOWERS, Ph.D.

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.
- B. Students desiring to specialize in Chemistry in order to enter the chemical industries or the teaching profession.
- C. Those taking the new Science Course with Chemistry as a minor subject.

The prerequisite of the department will constitute the inflexible part of the Course program. No student will be allowed to offer a course in high school chemistry, as the prerequisite in lieu of General College Chemistry, as the latter course is more intensive and extensive than the high school course. General College Chemistry is a prerequisite of Organic Chemistry or Qualitative Analysis. Organic Chemistry is required as a foundation for Food Chemistry; and the completion of a course in Qualitative Analysis authorizes the student to pursue Quantitative Analysis, after which any other remaining course or courses may be selected. Thus a student who has completed General Chemistry, Organic Chemistry, Qualitative and Quantitative Analysis, may enter upon any of the following specialties: Chemistry of Agriculture; Steel; Oil; Fuel; Water; Textiles; Food, etc. These specialties offer a means of practical application of the principles of chemistry. The technical methods followed are those in use in the various chemical industries of the country.

During the four years of the European war a new impetus was given to the chemical industries of this country. Over 150 millions of dollars have been invested in new chemical enterprises. In the future, we are not to depend on Germany for fertilizers, dyes and chemicals. This vast and constantly increasing expansion of chemical industries will require men and women trained in chemistry, and teachers will be necessary to train them. The next decade offers a splendid future for chemists and teachers of chemistry.

- A. Students in Home Economics will find the chemistry requirements outlined under their department.
- B. Those specializing in chemistry for industrial work or to become teachers of chemistry will follow the program outlined below.
- C. Students taking the new Science Course with Chemistry as a minor will find the requirements in Chemistry outlined under the Department of Physics or the Department of Biology.

SCIENCE COURSE—Major in Chemistry

Designed to meet the requirements of prospective teachers of Chemistry in High Schools, Academies, Normal Schools and Colleges.

First Year					
Fall Quarter		Winter Quarter		Spring Quarter	
Biol. 2	3 hrs	Soc. 3	3 hrs.	Ed. 8	3 hrs
Ethics 1 (women)	1 hr	Eng. 4	3 hrs	Nat. Study 1	4 hrs
Gen. Chem. 4	4 hrs	Gen. Chem. 5	4 hrs	Gen. Chem. 3	3 hrs
Physics 1	3 hrs	Physics 2	3 hrs	Physics 3	3 hrs
Free Electives	5-6 hrs	Free Electives	3 hrs	Ed. 1	3 hrs
				Free Electives	3 hrs

Physical Education is required each quarter of the first and second years with or without credits.

Second Year

Fall Quarter		Winter Quarter		Spring Quarter	
Psych. 2a	3 hrs	Psych. 2b	3 hrs	Pol. Sc. 30	3 hrs
Physics 16	3 hrs	Ed. 10	3 hrs	Botany 2	4 hrs
Organ. Chem. 110	4 hrs	Physics 4	4 hrs	Qual. Anal. 7	4 hrs
Ed. 2	3 hrs	Organ. Chem. 111	4 hrs	Ed. 2	3 hrs
Free Electives	3 hrs	Free Electives	2 hrs	Free Electives	2 hrs

Students may graduate and receive the Life Certificate at the end of the two-year course as outlined above.

Third Year

Fall Quarter		Winter Quarter		Spring Quarter	
Elective	4 hrs	Psych. 105	4 hrs	Food Chem. 113	4 hrs
Quan. Anal. 114	4 hrs	Quan. Anal. 114b	5 hrs	Free Electives	8 hrs
Zool. 1	4 hrs	Zool. 2	3 hrs	Ind. Chem. 115	4 hrs
Soc. 105	4 hrs	Ed. 105	4 hrs		

Fourth Year

Fall Quarter		Winter Quarter		Spring Quarter	
Ed. 103	4 hrs	Ed. 116	4 hrs	Ed. 111	4 hrs
Ind. Chem. 115	4 hrs	Ind. Chem. 115b	4 hrs	Teach. Chem. 117	3 hrs
Free Electives	4 hrs	Radioactive 118	3 hrs	Free Electives	5 hrs
Ag. Chem. 116	4 hrs	Free Electives	5 hrs	Psych. 108	4 hrs

Description of Chemistry Courses

1. General Chemistry—Three hours. Fall Quarter. Fee, \$4.00.

Two lectures and one laboratory period on the theory of chemistry and non-metals.

2. General Chemistry—Three hours. Winter Quarter. Fee, \$4.00.

Two lectures and one laboratory period. A continuation of Course 1.

3. General Chemistry—Three hours. Spring Quarter. Fee, \$4.00.

Two lectures and one laboratory period on the chemistry of metals. A continuation of Course 2.

Courses 1, 2, and 3 are recommended to Home Economics students taking the two-year course, and to students taking chemistry as an elective.

4. General Chemistry—Four hours. Fall Quarter. Fee, \$4.00.

This course covers the same text book 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 (excepting those specializing in biology, who may elect 1, 2, and 3 instead; and of Home Economics students taking the four-year course).

7. Qualitative Analysis—Four hours. Any Quarter. Fee, \$4.00.

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

108. Organic Chemistry—Three hours. Fall Quarter. Fee, \$4.00.

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

109. Organic Chemistry—Three hours. Winter Quarter. Fee, \$4.00.

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 text book 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. Required of students specializing in chemistry and of four-year Home Economics students.

112. Food Chemistry—Three hours. Spring Quarter. Fee, \$4.00.
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. Required of students specializing in chemistry and of four year Home Economics students. 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. Required of students specializing in chemistry.

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, \$4.00.
Discussion and reports on the teaching of high school chemistry, and practice in setting up demonstration apparatus. Required of chemistry students specializing to teach the subject.

118. Radioactivity—Three hours. Any Quarter. Fee, \$4.00.
A text-book and laboratory study of radioactive substances and the disintegration products of radium.

Education

THOMAS C. MCCrackEN, Ph.D.

FRANK LEE WRIGHT, A.M.

JOHN C. MUERMAN, A.M.

MARK SWEANY, A.M.

SAMUEL MILO HADDEN, A.M.

BELLA BRUCE SIBLEY, A.M.

HULDA A. DILLING, B.E.

FREDA A. ROHR, A.B.

CLARA M. WHEELER, B.S.

LELA AULTMAN, Pd.M.

GRACE WILSON, A.B.

The aim of the Department of Education is to acquaint the student with the principles which underlie the science and art of education. Even though the courses must necessarily deal largely with the fundamental theories underlying educative processes, every course is so planned that the student should be able to make the application of these theories to actual practice in the school room. Several of the courses are offered for the purpose of meeting particular needs of teachers of practical experience.

MAJORS IN EDUCATION

The outlines for the work of Majors in Education include the courses required of students who intend to become superintendents, high school teachers or principals, elementary school teachers or principals, kindergarten teachers or supervisors.

COURSE OF STUDY FOR SUPERINTENDENTS, HIGH SCHOOL PRINCIPALS AND TEACHERS

First Year

Fall Quarter		Winter Quarter		Spring Quarter	
Ed. 8	3 hrs	Biol.	3 hrs	Soc. 3	3 hrs
Ed. 32	3 hrs	Ed. 33	3 hrs	Ethics 1	1 hr
Libr. Sci.	1 hr	Eng. 4	3 hrs	Psych. 3	4 hrs
Ed. 12	3 hrs	Electives	7 hrs	Electives	8 hrs
Electives	6 hrs				

Second Year

Fall Quarter		Winter Quarter		Spring Quarter	
Psych. 2a	3 hrs	Psych. 2b	3 hrs	Pol. Sci. 30	3 hrs
Ed. 10	3 hrs	Ed. 2	4 hrs	Ed. 2	4 hrs
Ed. 1	3 hrs	Electives	9 hrs	Ed. 15	2 hrs
Electives	7 hrs			Electives	7 hrs

Physical Education must be taken every quarter of the first and second year, with or without credit.

COURSE OF STUDY FOR KINDERGARTEN TEACHERS AND SUPERVISORS

First Year

Fall Quarter		Winter Quarter		Spring Quarter	
Biol. 2	3 hrs	Soc. 3	3 hrs	Ed. 8	3 hrs
Music 2a	3 hrs	Art 2	4 hrs	Ed. 1	3 hrs
Libr. Sci.	1 hr	Gen. Sci. 4a	2 hrs	Ethics 1	1 hr
Ind. Arts 1	2 hrs	Ed. 53	3 hrs	Ed. 51	3 hrs
Ed. 52	4 hrs	Eng. 4	3 hrs	Nat. Study 1	4 hrs
Electives	3 hrs	Electives	1 hr	Electives	2 hrs

Second Year

Fall Quarter		Winter Quarter		Spring Quarter	
Psych. 2a	3 hrs	Psych. 2b	3 hrs	Pol. Sci. 30	3 hrs
Ed. 2	4 hrs	Ed. 2	4 hrs	Ed. 10	3 hrs
Ed. 57	4 hrs	Electives	9 hrs	Electives	10 hrs
Electives	5 hrs				

Students may graduate and receive a diploma and Life Certificate at the end of the two-year course as outlined above. For outline of third and fourth years' work, see later page.

1. Ability to play simple music on the piano is required of every kindergarten major before graduation.

COURSE OF STUDY FOR PRIMARY TEACHERS AND SUPERVISORS

First Year

Fall Quarter		Winter Quarter		Spring Quarter	
Biol. 2	3 hrs	Soc. 3	3 hrs	Ed. 8	3 hrs
Eng. 4	3 hrs	Lib. Sci. 1	1 hr	Ed. 51	3 hrs
Nat. Study. 1	4 hrs	Eng. 15	3 hrs	Ed. 1	3 hrs
Ind. Arts 1	2 hrs	Art 2	4 hrs	Ethics 1	1 hr
Music 2a	3 hrs	Gen. Sci. 4a	2 hrs	Electives	6 hrs
Electives	1 hr	Electives	3 hrs		

Second Year

Fall Quarter		Winter Quarter		Spring Quarter	
Psych. 2a	3 hrs	Pol. Sci. 30	3 hrs	Ed. 10	3 hrs
Ed. 2	4 hrs	Psych. 2b	3 hrs	Electives	13 hrs
Art. 13	4 hrs	Ed. 2	4 hrs		
Electives	5 hrs	Electives	6 hrs		

In the first and second years, Physical Education must be taken every quarter.

Students may graduate and receive a diploma and Life Certificate at the end of the two-year course as outlined above. For outline of third and fourth years' work, see later page.

COURSE OF STUDY FOR INTERMEDIATE TEACHERS AND SUPERVISORS

First Year

Fall Quarter	Winter Quarter	Spring Quarter
Ed. 8	3 hrs Biol. 2	3 hrs Art. 14
Eng. 1	3 hrs Eng. 15	3 hrs Soc. 3
Nat. Stdy. 1	4 hrs Eng. 4	3 hrs Eng. 13
Gen. Sci. 4b	2 hrs Ed. 1	3 hrs Ed. 4
Ind. Arts 1	2 hrs Music 2b	3 hrs Ethics 1
Electives	2 hrs Lib. Sci. 1	1 hr Electives
		1 hr

Second Year

Fall Quarter	Winter Quarter	Spring Quarter
Pol. Sci. 30	3 hrs Psych. 2a	3 hrs Psych. 2b
Ed. 2	4 hrs Ed. 2	4 hrs Ed. 10
Electives	9 hrs Ed. 33	3 hrs Electives
	Electives	6 hrs
		10 hrs

In the first and second years, Physical Education must be taken every quarter.

Students may graduate and receive a diploma and Life Certificate at the end of the two-year course as outlined above. For outline of third and fourth years' work, see later page.

COURSE OF STUDY FOR JUNIOR HIGH SCHOOL TEACHERS AND PRINCIPALS

First Year

Fall Quarter	Winter Quarter	Spring Quarter
Soc. 3	3 hrs Ed. 8	3 hrs Biol. 2
Lib. Sci. 1	1 hr Eng. 4	3 hrs Music 2c
Eng. 15	2 hrs Ethics 1	1 hr Eng. 1
Nat. Stdy. 1	4 hrs Method Courses	4 hrs Gen. Sci. 4c
Electives	6 hrs Electives	5 hrs Electives
		5 hrs

Second Year

Fall Quarter	Winter Quarter	Spring Quarter
Ed. 1	3 hrs Psych. 2a	3 hrs Psych. 2b
Method Courses	4 hrs Ed. 10	3 hrs Ed. 15
Ed. 2	4 hrs Ed. 2	4 hrs Pol. Sci. 30
Electives	5 hrs Electives	6 hrs Electives
		8 hrs

In the first and second years, Physical Education must be taken every quarter.

Students may graduate and receive a diploma and Life Certificate at the end of the two-year course as outlined above. For outline of third and fourth year's work, see below.

COURSE OF STUDY FOR COUNTY, CONSOLIDATED, AND VILLAGE SCHOOL TEACHERS AND SUPERVISORS

First Year

Fall Quarter	Winter Quarter	Spring Quarter
Soc. 3	3 hrs Ed. 8	3 hrs Biol. 2
Agri. 2	4 hrs Ed. 21	3 hrs Ethics 1
Ed. 26a	3 hrs Eng. 15	3 hrs Nature Study 1
Libr. Sci. 1	1 hr Art 2	4 hrs Ed. 1
Eng. 4	3 hrs Music 2b	3 hrs Eng. 13
		Electives
		2 hrs

Fall Quarter	Second Year		Spring Quarter	
	Winter Quarter			
Ed. 10	3 hrs	Psych. 2a	3 hrs Psych. 2b	3 hrs
Ed. 2	4 hrs	Ed. 2	4 hrs Ed. 26b	3 hrs
Ed. 25	3 hrs	Pol. Sci. 30	3 hrs Ed. 15	2 hrs
Electives	6 hrs	Electives	6 hrs Soc. 18	4 hrs
			Electives	4 hrs

In the first and second years, Physical Education must be taken every quarter.

Students may graduate and receive a diploma and Life Certificate at the end of the two-year course as outlined above. For outline of third and fourth years' work, see below.

COURSE OF STUDY FOR THIRD AND FOURTH YEAR STUDENTS IN EDUCATION

Third Year					
Fall Quarter	Winter Quarter		Spring Quarter		
Soc. 105	4 hrs	Psych. 104 or 105	4 hrs	Ed. 103*	4 hrs
Ed. 142	4 hrs	Ed. 105*	4 hrs	Ed. 135	4 hrs
Psych. 107	4 hrs	Ed. 2†	4 hrs	Electives	4 hrs
Electives	4 hrs	Ed. 108	4 hrs		

Fourth Year					
Fall Quarter	Winter Quarter		Spring Quarter		
Biol. 102	3 hrs	Ed. 116*	4 hrs	Psych. 108	4 hrs
Electives	13 hrs	Biol. 3	1 hr	Ed. 111	4 hrs
		Electives	11 hrs	Ed. 229	4 hrs
				Electives	4 hrs

1. **Introduction to Teaching**—Three hours. Required in the third or fourth Quarter of the student's college work. Students should take this course during the quarter preceding their practice teaching.

This course consists of a study of the Training School; its building, equipment, teachers, pupils, and the philosophy underlying its work.

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 Winter 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. Spring Quarter.

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

8. **Educational Values**—Three hours. Every Quarter. Required of all students, first year.

The purpose of this course is to give the student a critical attitude toward the material presented in the various school subjects. Each subject of the elementary school will be considered as to the reason it has for a place in the curriculum today; how it has been justified in the past; and how it may be presented now so as to be more fully justified. Recent magazine

*Required only of those in training for secondary school teaching.

†Required only of those in training for elementary school teaching who do not hold the two-year diploma.

articles and text-books will be studied with a view of developing the attitude of looking for the material which is of greatest educational value of the child.

10. The Elementary School Curriculum—Three hours. Three times a week. Every Quarter. Required of all students, second year.

This course will deal with the aims, materials, and methods of the elementary school. The course should make the student intelligently critical of programs of study in the elementary school.

12. Current Movements in Social Education—Three hours. Fall Quarter.

The purpose of this course is to acquaint the student with some of the recent movements in the field of education. This course will include a discussion of such subjects as the following: The school as a social center; open-air schools; school credit for industrial work in the home; and other subjects of current interest.

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. Girls' Camp Fire Work—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.

17. Boy Scout Work—One hour. Every Quarter.

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

21. County School Problems—Three hours. Winter Quarter.

This course considers the problem of the county school, the teacher, the child, the school board and the community.

22. Student Teaching in County Demonstration Schools—Four hours. Every quarter.

Four county schools, at a convenient distance from the College are being used for the special training of teachers. The Demonstration Schools are taught by successful, well trained and expert teachers. Senior students who desire special preparation for country schools may teach their first term in the Training School or teach one month in the Demonstration Schools as an assistant or helper to the regular teacher. All of these schools have teachers' cottages on the school grounds where the regular teacher and the student helpers live. The course of study being pursued at the College can be done in non-residence, during the month spent in observation and practice teaching in the Demonstration Schools. The same credit will be given this work as is given practice teaching in the Training School at the College. One month in the Demonstration Schools and one quarter in the Training School are required of students who may anticipate teaching in rural and village schools.

25. Administration of Consolidated and Village Schools—Three hours. Fall Quarter.

This course is a study of the history of county school organization, consolidation and administration. It aims to meet the needs of county superintendents, rural supervisors, teachers, principals of consolidated schools and others interested in special problems of country life. It will include studies and special researches in the redirection of village and community life, and a discussion of forward movements in legislation as they affect the education of children outside of large cities.

26. (a and b) The County School Curriculum and the Community—Three hours. Fall and Spring Quarters.

This course will present the problems of the teacher who desires to instruct country children in terms of their environment. Methods and materials for such instruction will be outlined and discussed. Special attention will be given to ways and means for vitalizing the subjects in the course of study.

32. History of Education in Ancient and Medieval and Renaissance Times—Three hours. Fall Quarter. Every other year. (Not offered in 1920-21.)

This course will consist of a brief study of primitive Hebrew, Greek, Roman, and early Christian Education, showing the trend of educational

thought, the types of schools which grew up, and the relation of Christian thought and Christian schools to pagan learning. The Renaissance will be studied with special reference to the fundamental changes that took place in educational ideals and aims and in religious thought; the effect of these upon the curriculum and upon educational institutions, and the problems which the Renaissance movement created for modern education.

33. History of Modern Education—Three hours. Winter 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.

38. Vocations for Women—Two hours. Winter Quarter. Every other year. (Offered in 1920-21.)

This course is designed for the study of vocations open to women, with the idea of preparing the teacher to guide her students in the choice of their life work. The course consists of lectures, discussions, readings and reports.

51. Literature and Story-Telling in the Kindergarten and Primary Grades—Three hours. Spring Quarter.

A study and classification of the different types of stories according to their fitness for various ages and purposes; a study of the educational values of stories for children and of the possibilities of creative work by children; adaptation and selection of a graded list of stories.

52. Use of Materials in the Kindergarten and Primary Grades—Four hours. Fall Quarter.

A study of the use of materials to meet the various instinctive needs of the young child.

53. Plays and Games for Kindergarten and Primary Children—Three hours. Winter Quarter.

A study of the development of games from the spontaneous activities of children thru the rhythmic and dramatic games, into the formal games, and the dance; an application of child psychology in the selection and presentation of games for different ages.

57. The Kindergarten Curriculum—Four hours. Fall Quarter.

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

103. Student Teaching in the Secondary Training School.—Four hours. Every Quarter.

In this course the student-teacher is permitted to observe an expert teach the particular subject in which she desires to specialize. During this period of observation she is expected to prepare two model lesson plans each week, one of which is to be presented before the training teacher in the form of a model lesson. She is expected, also, to know thoroly each lesson that is assigned to the class by the teacher in charge and to be ready to answer questions and discuss topics at any time. The amount of student teaching is gradually increased.

105. Principles of High School Teaching—Four hours. Winter Quarter.

This is a course in methodology as the subject relates itself to the curriculum of secondary schools. It is taught by the Principal of the High School, but each Department Head assists in the course and every phase of work that is being done in the high school is discussed in the light of the more recent experiments and developments in secondary education.

The course in methodology is an integral part of the plan for training high school teachers and, therefore, is required of all who expect to enter this field. Course 105 is a continuation of 103 and takes the place of a term of practice teaching.

107. Advanced Course in High School Practice Teaching—Four hours. On demand.

Persons who have completed in a satisfactory manner Course 103 and Course 105 may be selected by the Principal of the High School and given entire charge of a class (the training teacher being present in the capacity of a critic teacher).

This course is intended for individuals who have shown exceptional talent in practice teaching and in mastering the "principles of High School Teach-

ing" and who want the opportunity to demonstrate their fitness for the better positions in the field of secondary education.

108. Educational Supervision—Four hours. Winter 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.

109. High School Supervision—Hours to be arranged. On demand.

Persons who have shown an unusually high degree of efficiency in high school teaching may be allowed to assist in the supervision of the high school work. This training will afford them a more comprehensive view of the work and practice in the supervision of the training of younger teachers. This experience is intended primarily for those who are preparing themselves for principals and superintendents or to fill other positions of responsibility in public school work.

110. Supervised Study—Two hours. Twice a week. (Not offered in 1920-21.)

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

111. Philosophy of Education—Four hours. Spring Quarter. Senior College required.

This course is designed to set forth the underlying principles of educational theory. It treats of the theory of instruction and training with the child as the concrete basis; the aim and meaning of education; educational values; the theory of management and control; and the technic of practice. Some of these are discussed very briefly as they form the basis of other courses. Practical applications of theory are constantly made.

112. School House Construction—Two hours. Twice a week. (Not offered in 1920-21.)

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

113. Organization and Administration of the Junior High School—Three 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—Two hours. (Not offered in 1920-21.)

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

116. The High School Curriculum—Four hours. Winter Quarter. Required fourth year.

In this course a practical study of the curricula of various small high schools and junior high schools of this and other states will be made. Educational values and the needs of the community will be considered in the course. A detailed course of study for both the junior and the senior high school will be outlined by each student.

120. High School Administration—Four hours. Spring Quarter. Every other year. (Not offered in 1920-21.)

This course will deal with the organization, management and administration of the high school, a critical examination of one or more typical high schools, emphasizing courses, programs of study, daily schedule of classes, records and reports, equipment, the work of the teachers, and other similar matters of high school administration.

125. Education for the Physically Handicapped—Two hours. Spring Quarter. Every other year. (Not offered in 1920-21.)

A study of the instruction and methods involved in the education of the physically handicapped, especially the deaf, dumb, blind, and crippled.

130. County School Supervision—Three hours. Winter Quarter.

A course intended primarily to give a comprehensive grasp of American rural history, and a brief study of the rural educational systems of this and other countries. After the problem is considered in its historical and sociological aspects resulting from a long national evolution, the present as well

as the best type of rural school will be studied as a factor in preparing for an efficient citizenship. The fundamental needs in rural education, the recent rural life movement, the redirection of the school, its legitimate functions and revitalizing agencies will be correlated with existing conditions in Colorado and the West and with the social and historical development of the country.

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. Educational Administration—Four hours. Fall Quarter.

This course is designed primarily for students preparing themselves as principals, superintendents and supervisors. After making a survey of the field of educational administration, the student may select the line of administration in which he is most interested for study and research.

143. The Federal Government in Education—Four hours. Winter Quarter. Every other year. (Not offered in 1920-21.)

This course treats of the efforts of the Federal Government to aid the states in education.

147. Educational Surveys—Three 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—Three hours. Spring Quarter.

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

153. Kindergarten Materials. (A continuation of Ed. 52.)—Four hours. On demand.

A study of the instincts and interests of children and how to meet and use these instincts and interests in the Kindergarten and Primary Grades.

154. Kindergarten Seminar.—On demand.

A study by each student of some one activity in the Kindergarten.

217. Vocational Education—Three hours. Winter Quarter.

A discussion of the main factors essential in vocational education.

(a) Demands and needs interpreted in the social life of people.

(b) The ability of the public school to meet these demands by means of public school education.

(c) Local attempts being made to meet these demands.

223. Research in Education—Hours dependent upon amount of work done. Fall and Winter Quarters.

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, provided sufficient opportunity is at hand for original investigation. The results of such research are to be embodied in a thesis. Conference course at hours convenient to instructor and student.

228. Comparative School Systems—Four hours. Winter Quarter. Every other year. (Offered, 1920-21.)

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 educational 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.

246. Educational Problems—Four hours. Fall Quarter. Every other year. (Offered, 1920-21.)

This course is intended for advanced students who wish to study in detail, such subjects as the following: The school as an institution; learning

by doing; flexibility of promotion; the place of method in the school room; the school as a unit of supervision; practical correlation of school and community work.

Education—County Schools

J. C. MUERMAN, A.M., *Director*

The County Schools department aims to develop educational leadership for rural and village communities. It aims to give special preparation for the purpose of meeting rural problems, re-directing the school curriculum and reshaping rural community life. To accomplish this, a thorough study and knowledge of modern County school organization, administration, and present day needs is necessary. The department is especially interested in every movement for the betterment of community life, whether it be in the open country or in the small village.

The schools must at all times be an important factor in community development. The lessons taught by the great war have shown the value of close cooperation and the advantage of consolidating the weak, poorly supported rural schools into strong consolidated districts. To prepare principals and teachers for these consolidated schools is one of the aims of this department. After war conditions should be studied in the light of the causes that are producing the great changes in the rural life of our nation. How our County schools can meet and direct during this period of adjustment, the educational welfare of one-half of all children of school age, is a problem for teachers especially trained for this work.

Education—Secondary

STATE HIGH SCHOOL OF INDUSTRIAL ARTS

MARK SWEANY,, A.M., *Principal*

The college maintains a high school for the main purpose of providing facilities for the training of high school teachers and of giving an opportunity to high school students of Colorado to take all or a part of their course in connection with the Teachers College. The school is especially suited to the needs of students who desire to become teachers.

In addition to its excellent teaching force, the school has the use of the equipment of Colorado State Teachers College. The library, the museums, the collection 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.

THE UNGRADED SCHOOL FOR 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 Ungraded School for Adults is to open the door of opportunity to such students. The work will be evaluated according to the strength shown, and the individual will be classified, after sufficient time has elapsed, in accordance with the power demonstrated without the necessity of completing each omitted step.

The Ungraded School for Adults provides a special school for adult 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. And, most significant of all, it substitutes the power-unit for the time-unit. No one can enter the Ungraded School for Adults who has not reached the age of twenty years.

Fees for High School and Ungraded School

Fall, Winter and Spring Quarters, \$4.00 each.

Summer Quarter as follows:

- One subject, full quarter, \$6.00.
- One subject, half quarter, \$3.00.
- Two subjects, full quarter, \$12.00.
- Two subjects, half quarter, \$6.00.
- Three or more subjects, full quarter, \$18.00.
- Three or more subjects, half quarter, \$9.00.

Educational Psychology

JACOB D. HELLMAN, Ph.D.

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 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 feebleminded children. Students who elect either of these curricula are advised to take at least six courses of the curriculum of some other department.

CURRICULUM IN PSYCHOLOGY

Students who find it impossible to remain at school four years will be permitted to elect advanced courses should they desire to do so.

First Year

Fall Quarter		Winter Quarter		Spring Quarter	
Psych. 1	4 hrs	Biol. 2	3 hrs	Soc. 3	3 hrs
Eng. 4	3 hrs	Ed. 8	3 hrs	Psych. 110	4 hrs
Other Dept.	4 hrs	Other Dept.	4 hrs	Ethics 1	1 hr
Free Electives	5 hrs	Free Electives	6 hrs	Free Electives	8 hrs

Physical Education is required each quarter of the first and second year, with or without credit.

Second Year

Fall Quarter		Winter Quarter		Spring Quarter	
Psych. 2a	3 hrs	Psych. 2b	3 hrs	Psych 3	4 hrs
Pol. Sci. 30	3 hrs	Ed. 2	4 hrs	Ed. 2	4 hrs
Ed. 1	3 hrs	Other Dept.	4 hrs	Other Dept.	3 hrs
Ed. 10	3 hrs	Free Electives	5 hrs	Free Electives	5 hrs
Free Electives	4 hrs				

Students may graduate and receive the Junior College Diploma and Life Certificate at the end of the two-year course as outlined above.

Third Year

Fall Quarter		Winter Quarter		Spring Quarter	
Psych. 107	4 hrs	*Psych 105	4 hrs	*Ed. 103	4 hrs
Soc. 105	4 hrs	†Psych. 104	4 hrs	Psy. 109	2-4 hrs
Free Electives	8 hrs	Psych. 106	4 hrs	Free Electives	4-8 hrs
		Free Electives	4 hrs		
		Ed. 105	4 hrs		

Fourth Year

Fall Quarter		Winter Quarter		Spring Quarter	
Psych. 213	8 hrs	*Ed. 116	4 hrs	Ed. 111	4 hrs
Free Electives	8 hrs	Other Dept.	4 hrs	Psych. 212	4 hrs
		Free Electives	8 hrs	Psych. 108	4 hrs
				Free Electives	4 hrs

CURRICULUM FOR TEACHERS OF SPECIAL SCHOOLS AND CLASSES

The courses for the first and second years of this curriculum are the same as those for the curriculum in psychology.

Third Year

Fall Quarter		Winter Quarter		Spring Quarter	
Soc. 105	4 hrs	Psych. 104	4 hrs	Psych. 112	2 hrs
Psych. 107	4 hrs	Psych. 106	4 hrs	Construc. Work	4 hrs
Teaching (backward children)	4 hrs	Biol. 103	3 hrs	Psych. 109	2-4 hrs
Free Electives	4 hrs	Construc. Work	4 hrs	Free Electives	4 hrs
		Free Electives	1 hr		

Fourth Year

Fall Quarter		Winter Quarter		Spring Quarter	
Ed. 2 (backward and feebleminded children)	4 hrs	Psych 111	2 hrs	Ed. 111	4 hrs
Free Electives	12 hrs	Ed. 116	4 hrs	Psych. 108	4 hrs
		Soc. 124	4 hrs	Ed. 2 (backward and feebleminded children)	4 hrs
		Free Electives	6 hrs	Free Electives	4 hrs

1. Child Hygiene—First year. Four hours. Fall Quarter.

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. Every Quarter.

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

†Not required of students preparing to teach in the High School.

*Not required of students preparing to work in the Grades and the Junior High School.

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. Every Quarter.

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 ideals; 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 criticize methods of instruction in the light of individual requirements, the results 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 high school in lieu of Course 104. Winter Quarter.

The purposes of the course are: (a) the same as those enumerated in Course 104; (b) to familiarize the student with educational tests which are designed to measure the level of the child's performance in the high school subjects.

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 thru 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.

108. Educational Tests and Measurements—Four hours. Fourth year. Required. Spring Quarter.

Chief purposes 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.

109. Psycho-clinical Practice—Two or more hours. Fall and Spring Quarter.

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 mental processes; (c) to show what relations they bear to each other, 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 text books 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 lispings; (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 feebleminded 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.

213. Conference, Seminar, and Laboratory Courses—Hours depending upon the amount of work.

Purposes: To make possible more intensive 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.

Ethics

HELEN GILPIN-BROWN, A.B., *Dean of Women*

In the courses given below, it is hoped that two great essentials in the training of a teacher—health and personality—may be fostered and improved. The young woman who starts out upon her teaching career with a good physical foundation, and the advantage of a character developed thru right ideals of conduct, has two 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 which pertain to conduct, will be open to friendly discussion.

2. Ethics—Ethical Culture—Two hours. Every Quarter.

A course designed for instruction in the etiquette of everyday life, and a general appreciation of culture, and its necessity in the training of a teacher. Lectures, book, and magazine reviews and reports.

Geology, Physiography and Geography

GEORGE A. BARKER, B.S., M.S.

The courses listed in this department are not review courses covering merely the material taught in the common schools. Such review courses are listed in the high school department for which no credit is given toward graduation from the college. Geography is not just a group of facts about different parts of the world. It is a definite science in which, in the underlying climatic and geologic causes, the superstructure of commercial and human factors is built. It is from this point of view that the work of this department is given.

First Year

Fall Quarter		Winter Quarter		Spring Quarter	
Biol. 2	3 hrs	Soc. 3	3 hrs	Ed. 8	3 hrs
Eng. 4	3 hrs	Ethics	1 hr	Nat. Study	4 hrs
Geog. 8	4 hrs	Geog. 7	4 hrs	Free Electives	9 hrs
Free Electives	6 hrs	Free Electives	6 hrs		

Physical Education required each quarter of the first and second years, with or without credit.

Second Year

Fall Quarter		Winter Quarter		Spring Quarter	
Geog. 4	4 hrs	Pol. Sci. 30	3 hrs	Ed. 10	3 hrs
Hist. 10	4 hrs	Geog. 5	4 hrs	Ed. 2	4 hrs
Ed. 1	3 hrs	Geog. 12	2 hrs	Geog. 52	4 hrs
Free Elec.	5 hrs	Ed. 2	3 hrs	Free Electives	1 hr
		Free Electives	4 hrs		

Students may graduate and receive the Life Certificate at the end of the two-year course as outlined above.

Third Year

Fall Quarter		Winter Quarter		Spring Quarter	
Geog. 100	4 hrs	Psych.	4 hrs	Geog. 103	4 hrs
Soc. 105	4 hrs	Geog. 120	3 hrs	Geog. 122	4 hrs
Ed. 103	4 hrs	Free Electives	5 hrs	Biot. 101	4 hrs
Free Electives	4 hrs	Ed. 105	4 hrs	Free Electives	4 hrs

Fourth Year

Fall Quarter		Winter Quarter		Spring Quarter	
Geog. 113	3 hrs	Psych. 105	3 hrs	Geog. 144	2 hrs
Geog. 130	1 hr	Ed. 116	4 hrs	Geog. 150	2 hrs
Free Electives	12 hrs	Free Electives	9 hrs	Ed. 111	4 hrs
				Psych. 108	4 hrs
				Free Electives	4 hrs

2. Physical Geography—Four hours. Winter Quarter.

A course designed for those who have not had physical geography in the high school. Work in the laboratory will consist of studies of type, topographic and geologic maps, as well as the observation of meteorological instruments. Field trips will be taken, and, in so far as it is possible to do so, out-of-door examples will be used to illustrate the various physiographic types. A field collection of the commoner rocks of the vicinity will be made.

4. Geography of North America—Four hours. Fall Quarter.

A lecture course with extensive library reading. The continent will be treated from the foundation of its geologic and climatic controls, and upon these will be built the economic side of the subject.

5. Geography of Europe—Four hours. Winter Quarter.

It is recommended that this course follow Course 4, as it is based upon the material presented in that course. We endeavor to understand Europe in climatic and geologic terms of our own continent.

7. Commercial Geography—Four hours. Winter Quarter.

A study of commerce, largely based on museum products, field trips and railroad and steamship maps.

8. Human Geography—Four hours. Fall Quarter.

The relation of man to his environment and the various type environmental realms, as, for instance, the desert, tropical forest, mountains, etc., will be taken up. 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 various methods of presentation. The materials suitable for each grade will be discussed.

52. Geography of South America—Four hours. Spring Quarter.

A lecture course on the racial, economic and political aspects of South American geography.

100. College Geology—Four hours. Fall Quarter.

It is suggested that this course be taken only by those who have had Course 2.

103. Climatology—Four hours. Spring Quarter.

This is a thoro study of the climatological basis of the science of geography designed for those who desire to know more in detail the climatological aspect of geography. The observational side of the subject will be stressed. Advantage will be taken of our meteorological apparatus to compile weather data. The sources of meteorologic and climatic statistics will be noted in the lectures and the students will be encouraged to write themselves and build up a library of statistical material for use in their schools later.

113. Mathematical Geography—Three hours. Fall Quarter.

A recitation course designed to cover such problems as proofs of earth's rotation and revolution, the tides, international date line, time belts, calendars, solar and siderial time, etc. Required of students in the Mathematical Course.

120. Geography of Polar Lands—Two hours. Winter Quarter.

This course refers to a part of the earth usually neglected in the study of the continents. A discussion of climatic factors in the Arctic and Antarctic regions will be taken up. The influence of these factors on 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 discussed.

122. Biogeography—Four hours. Spring Quarter.

The distribution of plants and animals, emphasizing the main climatic and geologic controls in such distribution. It is recommended that the student should have already taken Botany and Zoology before entering this course.

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 geologic, biologic and social sense. The average geography course does not study the outlying islands because it is too busy with the continents. This course is designed to fill this gap in the pupil'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 which 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 the library. It is suggested that the student have Courses 100, 103 and 122 before taking this course.

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 animals and plant distribution, man past and present, and his distribution, the industries of the state and the geographic controls of industry.

History and Political Science

EDWIN B. SMITH, B.S., A.M.

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 school and the high school. The courses are arranged to cover the materials and the 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 public school teachers.

THE COURSE OF STUDY

Two Years or Four Years

For Elementary School Teachers, High School Teachers, and Super-
visors in Normal Schools, Junior High Schools, and Elementary Schools.

First Year

Fall Quarter		Winter Quarter		Spring Quarter	
Sociology 3	3 hrs	Biology 2	3 hrs	Education 8	3 hrs
History 10	4 hrs	English 4	3 hrs	Pol. Sci. 12	4 hrs
History 27	3 hrs	Geography 8	4 hrs	History 13	3 hrs
Lib. Sci. 1	1 hr	History 11	4 hrs	Pol. Sci. 26	2 hrs
Ethics (Women)	1 hr	Free Electives	2 hrs	Free Electives	4 hrs
Free Electives	4 hrs				

Physical Education is required each quarter of the first and second years, with or without credit.

Second Year

Fall Quarter		Winter Quarter		Spring Quarter	
Pol. Sci. 30	3 hrs	Psychology 2a	3 hrs	Psychology 2b	3 hrs
History 5	3 hrs	History 6	4 hrs	Pol. Sci. 25	4 hrs
Ed. 1	3 hrs	Education 10	3 hrs	History Elec.	4 hrs
Ed. 2	4 hrs	Ed. 2	4 hrs	Free Electives	5 hrs
Free Electives	2 hrs	Free Electives	2 hrs		

Students may graduate and receive the Life Certificate at the end of the two-year course as outlined above.

Third Year

Fall Quarter		Winter Quarter		Spring Quarter	
History Elec.	8 hrs	Ed. 105	4 hrs	*Education 103	4 hrs
Free Electives	4 hrs	†Psych. 104	4 hrs	History Elec.	8 hrs
Soc. 105	4 hrs	*Psych. 105	4 hrs	Free Electives	4 hrs
		History Elec.	8 hrs		
		Free Electives	4 hrs		

Fourth Year

Fall Quarter		Winter Quarter		Spring Quarter	
Psych. 108	4 hrs	*Ed. 116	4 hrs	Ed. 111	4 hrs
History Electives	4 hrs	History Electives	4 hrs	History Electives	4 hrs
Free Electives	8 hrs	Free Electives	8 hrs	Free Electives	8 hrs

*Not required of student preparing to teach in the elementary school.

†Not required of students preparing to teach in the high school.

5. Early Modern Europe—Four hours.

The earlier development of the medieval period particularly affecting the people of Modern Europe will be considered. The course will conclude with the French Revolution and Napoleon. Interest will center around the social and industrial phases of the people's experiences.

6. Recent European History—Four hours.

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

10. Social and Industrial History of the United States—Four hours.

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

11. Commercial History of the United States—Four hours.

A survey of commerce in early times will be followed by a discussion of the colonial commerce and its consequences. The several periods of American commerce, domestic and foreign, will give opportunity for considering the coast trade, government aid, the consular service, the relations of general commerce to business development of the country, the changes of the twentieth century, the growth of modern business, and government supervision.

12. State and Local Government—Four hours.

The relationship between the individual citizen and the community will be emphasized. The organization and administration of the government of the city, the county, and the state will furnish the basis of the course. The government of these several communities in Colorado will be considered as types.

13. The Teaching of History in the Elementary School—Three hours.

The history of history instruction in schools; the aims and values of history teaching; the courses of study, past, present, and projected for the future, covering both elementary and high schools; methods and materials for the elementary grades; testing results; and school problems related to history, such as, the place of history in the curriculum, and the relation of history to other subjects.

25. Comparative Government—Four hours.

The government in other countries compared with that in our own; England the cabinet type, France the constitutional cabinet type, Germany the cabinet type in transition, and Switzerland the most perfect type of democracy; the smaller European states and the South American Republics; the growth of internationalism and democracy.

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 purposes of instruction in government; courses of study for the elementary school; methods and materials for the various grades of instruction.

27. Contemporary History—Three hours.

The course is concerned with current movements 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 the emphasis on the social and economic phases. The main purpose is to give teachers a new point of view with respect to the teaching of Ancient History.

30. Political Adjustment—Three hours.

The course attempts to establish relationships between the individual and the political groups which serve him. Consideration is given to democratic ideals and values as opposed to autocratic, to the opportunities and obligations connected with citizenship, to the place which public opinion holds in a republican government, and to creating American spirit. A definite effort is made to show the relations between the individual, education, and the forms and processes of community organization.

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.

117. The Teaching of History and Civics in the High School—Three hours.

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

104. Western American History—Three hours.

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

116. Spanish American History—Two hours.

A course designed to furnish the background for appreciation of the growing relations between the United States and the republics to the south. In tracing the experience of the Spanish American people, attention is given to the work of Spain, to the securing of independence, to the social, political, and economic growth, to international relations and the Monroe Doctrine, to the Panama and the purchase of the Danish West Indies, and to the new Pan-Americanism.

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 policy and the currency system; the recent achievements in the financial system as expressed in the federal reserve banking system, the farm loan law, and the financing of the war.

123. International Relations—Four hours.

A study of the basic principles of international relations, traced historically; the development and application of these principles in recent European relations; American international ideals, including the Monroe Doctrine, Pan-Americanism, and the League of Nations.

124. History of the Far East—Four hours.

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

212. American Constitutional Development—Four Hours.

Origin of the Constitution; relation to the state constitutions; the Articles of Confederation; the Constitution in the process of making; the interpretation of the document by the makers; the period of misunderstanding; the new interpretation of the principles of government; the service of the law courts; and the great cases which have grown out of the interpretation of the document.

213. The Literature of American History—Four hours.

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

214. Methods in Historical Research—Two hours.

This course is a study of the methods of historical investigation, the nature and use of the historical document, and historical writing.

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 in either field, which arise in teaching the subjects of History and Civics.

Home Economics

MARGARET ROUDEBUSH, *Director*

ELIZABETH CLASBEY, A.B.

EDITH GALE WEIBKING, A.B.

HESTER ANN ALLYN, B.S.

The course in Home Economics is planned to train teachers of Home Economics, to stimulate an interest in the home and to give a knowledge of the general principles of the subject are part of a liberal education. The courses offered are fundamental to teaching administration and business practice of home making. Regular work is supplemented by courses offered in other departments.

It is advisable to take a four-year course because, as the high schools thruout the United States conform to the Smith-Hughes law of 1917, they will employ only teachers with four-years of college training.

SMITH-HUGHES COURSE*

First Year

Fall Quarter		Winter Quarter		Spring Quarter	
Chem. 1	3 hrs	Chem. 2	3 hrs	Chem. 3	3 hrs
Eng. 4	3 hrs	Soc. 3	3 hrs	H. A. 3	4 hrs
H. A. 1	4 hrs	H. A. 2	4 hrs	H. S. 3	4 hrs
H. S. 1	4 hrs	H. S. 2	4 hrs	Eng. 3 or 5	3 hrs
Art 4	2 hrs	Art 12	2 hrs	Elective	2 hrs

Physical Education is required each quarter of the first and second years, with or without credit.

Second Year

Fall Quarter		Winter Quarter		Spring Quarter	
Biol. 2	3 hrs	Ind. Arts 5	4 hrs	Ed. 8	3 hrs
Eng. 15	3 hrs	Eng. 16	3 hrs	Ethics 1	1 hr
H. A. 4	4 hrs	H. A. 5	4 hrs	Chem. 112	3 hrs
Chem. 108	3 hrs	Chem. 109	3 hrs	H. A. 6	4 hrs
Elective	3 hrs	Elective	2 hrs	Elective	5 hrs

Third Year

Fall Quarter		Winter Quarter		Spring Quarter	
Household Chemistry	3 hrs	Bact. 1	4 hrs	Pol. Sci. 30	3 hrs
Psych 2a	3 hrs	Psych. 2b	3 hrs	or	
H. A. 107	4 hrs	H. A. 108	4 hrs	Soc. 105	4 hrs
Elective	6 hrs	H. S. 103	4 hrs	H. A. 109	4 hrs
				Ed. 111	4 hrs
				Elective	4 hrs

Fourth Year

Fall Quarter		Winter Quarter		Spring Quarter	
H. A. 110	4 hrs	H. A. 112	4 hrs	H. A. 113	4 hrs
Physics 12	4 hrs	Teaching	4 hrs	Teaching	4 hrs
H. S. 106	4 hrs	H. S. 107	4 hrs	H. S. 108	4 hrs
Elective	4 hrs	Elective	4 hrs	Ed. 105	4 hrs

*Students in this course may receive the Life Certificate to teach in Colorado at the end of the second year of the above course by electing eight to eleven hours of observation and teaching in the second year and by transferring Psych. 2a, Psych. 2b, and Pol. Sc. 30, to the first or second year instead of certain other subjects scheduled for those years. The student should understand, however, that she does not meet the requirements for a position in a Smith-Hughes high school until she has completed the full curriculum of four years.

HOUSEHOLD ARTS

1. **Textiles**—Four hours. Fall Quarter.

This course includes the history and development of textiles, the study of fibers, the identification and economic use of fabrics.

2. **Design**—Four hours. Winter Quarter.

This is a fundamental course in theory and practice of design, the study of elements and principles of design.

3. **Garment Making**—Four hours. Spring Quarter.

This course teaches the fundamentals of plain, hand, and machine sewing as applied to simple garments for adults and children; the use of commercial patterns and the operation and care of machines.

4. **Advanced Textiles**—Four hours. Fall Quarter.

This course deals with the chemical properties of textiles; the methods of cleansing fabrics; the study of dyes and the dyeing of different types of fibers.

5. **Drafting and Pattern Making**—Four hours. Winter Quarter.

This course teaches the making of patterns by drafting, modeling and designing. All foundation patterns are drafted to measurements of individual and fitted. From these, other patterns are made to be used in H. A. 6.

6. **Elementary Dressmaking**—Four hours. Spring Quarter.

Patterns designed and made in H. A. 5 are used for garments made in this course. This course establishes the fundamental principles in dressmaking and gives practice in the selection and purchase of appropriate materials and the application of principles of design.

107. **Costume Design**—Four hours. Fall Quarter.

A course offering opportunity for solution of a great variety of problems in dress design; as design for various elements of dress, for different types of personality, for formal and informal occasions, for hats and accessories, etc.

108. **Costume Design 2**—Four hours. Winter Quarter.

A continuation of Costume Design 107. Designs draped in paper, cheese-cloth, cambric and various effective materials.

109. **Advanced Dressmaking**—Four hours. Spring Quarter.

This course includes work in tailoring as applied to women's and children's garments; the making of an afternoon and an evening gown. Draped designs made in Costume Design 108 used as patterns in this course.

110. **Millinery**—Four hours. Fall Quarter.

This course includes a discussion of practical and artistic principles of millinery; designing and modeling hats of various types in paper and crinoline; making wire and buckram frames and the use of velvet, silk and straw.

111. **Home Economics**—Four hours. Fall Quarter.

A lecture course on the history and growth of Home Economics; the relation of Home Economics subjects to education; the place these subjects should hold in the curriculum and the methods employed in teaching them.

112. **House Plans**—Four hours. Winter Quarter.

This course is a non-technical course in the construction of the house but includes a study of plans, specifications, building materials; the planning of a house for a family which actually exists.

113. **Interior Decoration**—Four hours. Spring Quarter.

A professional course aiming to give the student thorough knowledge of theory and practice of the application of principles of design and color to interior decorations. House planned in H. A. 112, decorated in this course.

HOUSEHOLD SCIENCE

1. **Food and Cookery**—Four hours. Fall Quarter. Fee \$3.00.

A general survey of principles of cookery and study of foods.

2. **Foods and Cookery**—Four hours. Winter Quarter. Fee, \$3.00.

Continuation and completion of H. S. 1.

3. Cookery and Table Service—Four hours. Spring Quarter.

Planning, preparation, and serving of various types of meals. Special attention is given to care of dining room and table service

103. Dietetics—Four hours. Winter Quarter. Fee, \$3.00.

Study of food values, cost and adaptation to individuals and families.

104. Catering—Planning and Serving Functions.

105. Child Care—Four hours. Spring Quarter. Prenatal care, child hygiene, care and feeding.

106. Home Nursing—Four hours. Fall Quarter.

Care of sickroom, care of patient in the home, first aid.

107. Home Management—Four hours. Winter Quarter.

Sanitation and care of house. Living in practice cottage.

108. Home Management—Four hours. Spring Quarter.

Care of family, family budget, relation of home to school, church and state.

Hygiene and Physical Education

ROYCE R. LONG, A.B., *Director*

HELEN GILPIN-BROWN, A.B., *Dean of Women*

MARGARET JOY KEYES, A.B., *Assistant Professor of Physical Education*

WILLIAM E. SEARCH, *Assistant Professor of Physical Education*

HELEN PEARL LIPP, M.D., *Medical Advisor of Women*

EDWIN W. KNOWLES, M.D., *Medical Advisor of Men*

EARL I. VARVEL, D.D.S., *Dental Examiner*

FUNCTIONS OF THE DEPARTMENT

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

(a) Physical examinations of all students and specific instruction in hygiene based on results of examination for each individual case.

(b) Personal health conferences with Medical Advisors.

(c) Promotion of health through directed physical activity, and through class instruction in Individual, General, Group, and Intergroup Hygiene.

(d) Sanitary supervision of the environment of the student group.

In addition to the above, the Department outlines a major course for those preparing for positions as teachers, or as supervisors of physical education in the public schools, or as playground directors. As more than one-fourth 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 far exceeds the present supply.

EQUIPMENT

The Department is equipped with the necessary examination and class rooms, instructional apparatus, gymnasias, athletic fields and playgrounds to accomplish the functions outlined above. The United States interdepartmental Social Hygiene Board makes a substantial appropria-

tion to this Department for the purpose of strengthening its work, and to assist it in working out better educational methods in Hygiene. This is one of twenty-six educational institutions in the country and the only one in Colorado assisted by this Federal Board.

REQUIRED WORK

All first and second year students are required to take one active (exercise) course each quarter. Senior College and Graduate students are exempt from this requirement but may elect any of the courses offered and receive credit toward graduation. Where physical disability makes it inadvisable for a student to participate in regular class activities, work in a corrective class, or special work in Hygiene is assigned.

GYMNASIUM DRESS

An approved gymnasium uniform, consisting of bloomers, "middle" and suitable shoes for women, and a track suit and tennis shoes for men, is required. Suits may be purchased in Greeley.

PHYSICAL EXAMINATIONS

A thorough physical 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 Advisors keep regular hours for free consultation with students concerning any health problem. These examinations and conferences have for their object the prevention of illness and the promotion of health.

A TWO AND A FOUR YEAR COURSE OF STUDY

For

TEACHERS AND SUPERVISORS OF PHYSICAL EDUCATION (Women)

First Year

Fall Quarter		Winter Quarter		Spring Quarter	
Soc. 3	3 hrs	Ed. 8	3 hrs	Biol. 2	3 hrs
Hyg. & P. E. 2	4 hrs	Eng. 4	3 hrs	Hyg. & P. E. 1	4 hrs
Hyg. & P. E. 4	3 hrs	Hyg. & P. E. 5	2 hrs	Hyg. & P. E. 8	2 hrs
Hyg. & P. E. 103	4 hrs	Hyg. & P. E. 7	3 hrs	Ed. Psych. 1	4 hrs
Electives	2 hrs	Hyg. & P. E. 103a	4 hrs	Hyg. & P. E. 114	3 hrs
		Ethics	1 hr		

Second Year

Fall Quarter		Winter Quarter		Spring Quarter	
Psych. 2a	3 hrs	Psych. 2b	3 hrs	Polit. Sci. 30	3 hrs
Ed. 10	3 hrs	Ed. 2	4 hrs	Ed. 2	4 hrs
Hyg. & P. E. 3	4 hrs	Hyg. & P. E. 108	3 hrs	Hyg. & P. E. 107	3 hrs
Hyg. & P. E. 106	3 hrs	Hyg. & P. E. 112	2 hrs	Hyg. & P. E. 111	2 hrs
Electives	3 hrs	Elem. Ed. 31	3 hrs	Hyg. & P. E. 11	3 hrs
		Electives	1 hr	Elective	1 hr

Students may graduate and receive the Life Certificate at the end of the two-year course as outlined above.

Third Year

Fall Quarter		Winter Quarter		Spring Quarter	
Eng. 6	2 hrs	Ed. Psych. 104 or		Geog. 103	4 hrs
Hyg. & P. E. 104	3 hrs	105	4 hrs	Eng. 10	4 hrs
History 123	4 hrs	Ed. 105	4 hrs	History 123	4 hrs
Hyg. & P. E. 10	2 hrs	Ed. 111	4 hrs	Hyg. & P. E. 113	3 hrs
Soc. 105	4 hrs	Hyg. & P. E. 109	3 hrs	Electives	1 hr
Elective	1 hr	Elective	1 hr		

Fourth Year

Fall Quarter		Winter Quarter		Spring Quarter	
Ed. 12	3 hrs	Ed. 116	4 hrs	Hyg. & P. E. 117	3 hrs
Hyg. & P. E. 117	3 hrs	Phys. Ed. 6	4 hrs	Hyg. & P. E. 11	3 hrs
Psych. 107	4 hrs	Ed. 33	3 hrs	Botany 4	2 hrs
Electives	6 hrs	Hyg. and P. E. 110	3 hrs	Electives	4 hrs
		Ed. Psych. 108	4 hrs		
		Electives	2 hrs		

(Men)**First Year**

Fall Quarter		Winter Quarter		Spring Quarter	
Soc. 3	3 hrs	Ed. 8	3 hrs	Biology 2	3 hrs
Hyg. & P. E. 103	4 hrs	Hyg. & P. E. 12	2 hrs	Hyg. & P. E. 116	2 hrs
Hyg. & P. E. 4	3 hrs	Hyg. & P. E. 103	4 hrs	Hyg. & P. E. 1	4 hrs
Hyg. & P. E. 116	2 hrs	Hyg. & P. E. 116	2 hrs	Eng. 4	3 hrs
Hyg. & P. E. 2	4 hrs	Hyg. & P. E. 5	2 hrs	Ed. Psych. 1	4 hrs
		Elective	3 hrs		

Second Year

Fall Quarter		Winter Quarter		Spring Quarter	
Psych. 2a	3 hrs	Psych. 2b	3 hrs	Pol. Sci. 30	3 hrs
Ed. 10	3 hrs	Ed. 2	4 hrs	Ed. 2	4 hrs
Hyg. & P. E. 3	4 hrs	Hyg. & P. E. 112	2 hrs	Hyg. & P. E. 11	3 hrs
Hyg. & P. E. 105	2 hrs	Hyg. & P. E. 105	2 hrs	Hyg. & P. E. 111	2 hrs
Electives	4 hrs	Hyg. & P. E. 7	3 hrs	History 123	4 hrs
		Elective	2 hrs		

Students may graduate and receive the Life Certificate at the end of the two-year course as outlined above.

Third Year

Fall Quarter		Winter Quarter		Spring Quarter	
Eng. 6	2 hrs	Ed. 105	4 hrs	Geog. 103	4 hrs
Hyg. & P. E. 105a	2 hrs	Ed. Psych. 104 or	4 hrs	Soc. 105	4 hrs
Hyg. & P. E. 10	2 hrs	105	4 hrs	H. S. 103	4 hrs
Ed. 142	4 hrs	Hyg. & P. E. 105a	2 hrs	Hyg. & P. E. 113	3 hrs
Electives	6 hrs	Psych. 108	4 hrs	Elective	1 hr
		Electives	2 hrs		

Fourth Year

Fall Quarter		Winter Quarter		Spring Quarter	
Psych. 107	4 hrs	Ed. 116	4 hrs	Eng. 10	4 hrs
Chem. 4	4 hrs	Hyg. & P. E. 6	4 hrs	Botany 4	2 hrs
Hyg. & P. E. 117	3 hrs	Ed. 103	4 hrs	Hyg. & P. E. 117	3 hrs
Ed. 12	3 hrs	Hyg. & P. E. 117	3 hrs	Ed. 111	4 hrs
Electives	2 hrs	Electives	1 hr	Electives	3 hrs

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

- I. Informational courses.
- II. Practical courses.

To comply with the college physical education requirement, the general student should select courses in the second class. Courses in the first group are intended primarily for major students.

I INFORMATIONAL COURSES

1. **Physiology and Hygiene of Exercise**—Spring Quarter. First year. Four periods. Four hours.

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

2. **Anatomy and Kinesiology**—Fall Quarter. Four periods. Four hours.

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

Required of Physical Education majors during first year.

3. Anthropometry and Physical Examinations—Fall Quarter. 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 Physical Education majors the second year. Open to others who have had biology.

4. Play in Education—Fall Quarter. Three periods. Three hours.

A discussion, reference recitation course. Theories and applications of play in modern education; the place of play in the daily school program; play and athletics as training for citizenship; the practical administration of play and athletics from an educational standpoint are some of the topics considered. A first year major course.

5. History of Physical Training—Winter Quarter. Two periods. Two hours.

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

6. Research in Physical Education—(See Education 223 and 241).

Qualified Senior College and Graduate students may select a subject for research in Physical Education. Fourth year majors are required to write thesis on a selected subject. The following subjects are suggested, but other suitable subjects may be chosen:

1. The status of physical education in the schools of Colorado, with a proposed plan for improvement.
2. The playground and recreation movement; its rise, growth and present tendencies.
3. A recreational survey of a selected community with a suggested plan for improvement.
4. Analytical study of the educational values of certain plays and group games.
5. Educational Athletics: Plan for a county or city school system.
6. Effects of the world War on the status of physical training in different countries.
7. Physical Education in the reconstruction program. By arrangement. Three or more hours, depending on the amount and quality of work accomplished.

7. General Hygiene—Fall and Winter Quarter. Three periods. Three hours. Open to all.

A lecture, discussion course on general hygiene. Many lectures are illustrated. Consideration 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.

8. Individual Hygiene—Fall and Spring Quarters. Three periods. Two hours. Open to all.

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

9. Group Hygiene—Four periods. Four hours.

A course in Child and Educational Hygiene. (See education psychology I.)

10. Group Hygiene—Fall Quarter. Two periods. Two hours.

A course dealing with Industrial and Occupational Hygiene. Has informational and practical value to the teacher who desires to be informed on health subjects.

11. Intergroup Hygiene—Spring Quarter. Three periods. Three hours.

This course deals with school, community, state, national and international health problems. An informational course of importance to all teachers.

12. First Aid—Winter Quarter. Two periods. Two hours.

A course covering the usual subject matter with some material on home nursing.

II. PRACTICAL OR EXERCISE COURSES

101. **Light Gymnastics**—(Women) Winter Quarter. Three periods. Two hours.

102—**Gymnastics**—(Men) Winter Quarter. Three periods. Two hours.

103. **Gymnastics**—Fall Quarter. Four periods. Four hours.
A major course for first year.

103a. **Gymnastics**—Winter Quarter. Four periods. Four hours.
A continuation of No. 103.

104. **Apparatus, Fencing, Archery**—(Women) Winter Quarter. Three periods. Three hours. Third year.

105. **Personal Combat Games, Heavy Apparatus and Tumbling**—(Men) Fall and Winter Quarter. Three periods. Two hours.
A major course, second year. Boxing, fencing and wrestling. Tumbling and Elementary apparatus work.

105a. **Personal Combat Games, Heavy Apparatus and Tumbling**—(Men) Three periods. Two hours.
A continuation of No. 105 for third year. Advanced work.

106. **Singing, Games and Elementary Folk Dances**—Winter Quarter. Three periods. Two hours.
A course giving material for the Elementary grades.

107—**Folk and National Dances**—Winter and Spring Quarters. Three periods. Two hours.
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.

108. **Esthetic Dancing**—Fall and Winter Quarters. Three periods. Two or three hours. Open to all.
Technic of the dance, and the development of bodily coordination are the aims of the course.

109. **Classical Dancing**—Winter Quarter. Three periods. Two or three hours.
Advanced technic and classical dances. Prerequisite Course 108.

110. **Interpretative Dancing**—Spring Quarter. Three periods. Two or three hours.
A continuation of No. 109.

111. **School Gymnastics**—Spring Quarter. Three periods. Two hours.
Daily programs for different grades. Principles of selection and arrangement. Class conduct.

112. **Plays and Games**—Winter Quarter. Three periods. Two hours.
A selected list of plays and games for the intermediate grades.

113. **Playground Organization and Supervision**—Spring Quarter. Three periods. Three hours.
Third year major course but open to all. A practical course. One lecture and practice periods on playground in contact with actual playground problems.

114. **Athletics for Women**—(Old Course No. 9) Every Quarter. Three periods. One or two hours.
A course in group and team games. Material suitable for upper grades and high school is presented.

115. **Recreation Course**—Summer Quarter. Four periods. One and one half hours.

116. **Athletic Games**—(Men) Each Quarter. Four periods. Two or three hours.

Football, basketball, baseball and track athletics depending on season. Open to all.

117. **Athletic Coaching**—Four periods. Three hours. Third Year.

A major course for those preparing for the Physical Education field. Advanced students will be assigned a group to coach one or more athletic games under supervision. By arrangement, this course may be repeated.

The Library

ALBERT F. CARTER, A.B., M.S., *Librarian*

WILLIAM B. PAGE, M.D.

EDITH STEPHENS, A.B.

EDITH CREAMEANS

The main library of the College contains about fifty 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 "Sylva of North America;" Gould's "Humming Birds"; the works of Buffon, Nuttall and Michaux, Linnaeus, 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 2,500 well selected books for the use of the Training School pupils.

1. **Library Science**—One hour. Fall, Winter and Spring Quarters.

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 catalog and various indexes; also the various standard books of reference, dictionaries, encyclopedias, etc., the purpose being to acquaint the student with the most ready means of using the library and of making it of the most value in the college course.

Literature and English

ETHAN ALLEN CROSS, A.M.

FRANCES TOBEY, B.S., A.B.

RAE E. BLANCHARD, A.M.

A teachers' college is a vocational school devoted to the task of preparing teachers. The English courses in such a 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 Teachers College all the courses they need in the field of English.

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 and 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.

Required English—The College wishes to assure itself that all students who go out as graduates to teach children and all who teach in its training school will not misuse the English language in the presence of school children. It realizes that students who have all their lives spoken incorrect English cannot altogether change their habits in three or six months. The best thing it can do, then, seems to be to require all students to take a course in grammar and oral and written composition. The head of the English department may excuse from taking this course any student who speaks and writes English exceptionally well. A student who does not succeed in a single quarter in overcoming bad habits in speech and writing will be required to continue the course until the English department is satisfied. In unusual cases this may mean two, three, or more quarters. Only three hours' credit will be given, however, for this practice in correct speech and writing. The College will positively refuse to graduate a student who cannot write and speak the English language with a fair degree of accuracy and ease. It will also qualify its recommendation of a student to a superintendent or school board if the student's English is only passable.

Co-operation of Other Departments with the English Department—All the departments in the College are invited to co-operate with the English Department to secure a reasonable degree of correctness in spoken and written English. Teachers are invited to call the attention of the English department to any student whose English is poor.

Any instructor may require any student in his department who shows a deficiency in oral or written English to report to the English department for further instruction, even tho the student has already met the catalog requirement in English.

COURSE OF STUDY IN ENGLISH

Two Years or Four Years

First Year

Fall Quarter		Winter Quarter		Spring Quarter	
Biol. 2	3 hrs	Soc. 3	3 hrs	Ed. 8	3 hrs
Eng. 8	4 hrs	Eng. 9	4 hrs	Eng. 10	4 hrs
Eng. 3	3 hrs	Eng. 4	3 hrs	Eng. 11	4 hrs
Lib. Sci. 1	1 hr	Ethics 1	1 hr	Music 10	2 hrs
Free Electives	5 hrs	Art 6	1 hr	Free Electives	3 hrs
		Free Electives	3 hrs		

Physical Education is required each quarter of the first and second years, with or without credit.

Second Year

Fall Quarter		Winter Quarter		Spring Quarter	
Psych. 2a	3 hrs	Psych. 2b	3 hrs	Pol. Sci. 30	3 hrs
Ed. 1	3 hrs	Ed. 10	3 hrs	Ed. 2	3 hrs
Eng. 6	4 hrs	Eng. 1	4 hrs	Eng. 2	4 hrs
Free Electives	3 hrs	Ed. 2	3 hrs	Eng. (elective)	3 hrs
		Free Electives	3 hrs	Free Electives	3 hrs

Students may graduate and receive the Life Certificate at the end of the two-year course as outlined above.

Third Year

Fall Quarter		Winter Quarter		Spring Quarter	
Soc. 105	4 hrs	Psych. 104 or 105	4 hrs	Eng. (elective)	5 hrs
Eng. (elective)	4 hrs	Eng. (elective)	6 hrs	Eng. 106	3 hrs
Free Electives	4 hrs	Free Electives	4 hrs	Free Electives	8 hrs
Eng. 105	2 hrs	Ed. 105	4 hrs		

Fourth Year

Fall Quarter		Winter Quarter		Spring Quarter	
Ed. 103	4 hrs	Ed. 116	4 hrs	Ed. 111	4 hrs
Eng. (elective)	4 hrs	Eng. (elective)	4 hrs	Eng. (elective)	4 hrs
Free Electives	8 hrs	Free Electives	4 hrs	Psych 108	4 hrs
		Ed. 105	4 hrs	Free Electives	4 hrs

COURSES IN LITERATURE AND ENGLISH FOR THE DEGREE OF MASTER OF ARTS

Any of the courses numbered from 104 upward which have not already been taken as a part of the course leading to the degree of Bachelor of Arts may be elected to apply upon the degree of Master of Arts.

1. Material and Methods in Reading and Literature—Four hours.

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 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 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.

Grammar, and oral and written English, from the point of view of their function in guiding the student in the correct use of English in speaking and writing. Practice in sentence making, sentence analysis, recognition of speech faults, and the means of correcting them; and practice in both oral and written composition.

5. Speaking and Writing English (continued)—Three hours. Every Quarter.

Oral and written composition. A course planned to give additional practice to those students who do not get sufficient work in English 4 to enable them to use correct English with ease and directness.

6. American Literature—Four hours. Spring Quarter.

A course in American literature following the plan of Courses 8, 9, and 10 in English literature.

7. The Epic—Four hours. Fall Quarter.

This course consists of a study of the two great Greek epics, The Iliad and The Odyssey, in English translations, and outlines of study covering other national epics. The purpose of the course is to furnish teachers in the elementary schools with the materials for story-telling and literary studies embracing the hero tales from Greek and other 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. A Study of English Words—Four hours.

No greater help in speaking and writing can be offered a student than a course in English etymologies, word origins, connotations, etc. The study of Latin formerly offered this information to students. Now that only a few study Latin, the English department recommends this course to all students who wish to use exact meanings of words with assurance and accuracy.

12. Voice Culture—Four hours. Spring 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.

A 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 Course 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 Course 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—Five hours. Summer Quarter.

The consideration of comedy as a type of drama, with the 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.

22. Greek and Roman and Norse Myths—Four hours.

A study of classical myths of Greece and Rome and the myths of northern lands, with comparisons with the myths of other peoples. Also the influence of myths upon modern life, literature, and art.

31. The Short Story—Four hours. Fall Quarter.

A study of fifty typical modern short stories to observe the technical methods of modern 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," and other recent volumes on the Short Story. Current magazine stories are also used.

100. Advanced English Composition—Three hours. Fall Quarter.

A course in composition, primarily Senior College, planned for English students and others who desire more practice in writing than they have had in Eng 4. Students not majoring in English who want to be able to write for print in the school paper, or later 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.

104. Advanced English Grammar—Four hours.

Many students, especially those who expect to become high school teachers of English, want an extensive course in advanced English grammar. This course is planned to meet their needs. Besides including a careful and detailed study of modern practice in the use of the language, it gives considerable attention to the evolution of modern usage thru historical grammar.

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.

106. The Teaching of English in the High School—Three hours. Spring Quarter.

Principles for the selection of literature for Senior high school pupils considered critically; illustrative studies in the treatment of selected pieces; study of types of composition work for high schools, with illustrative practice in writing.

107. General Literature—Greek and Latin.

The course concerns itself chiefly with Greek drama, but touches upon Latin literature at the close. Courses 107, 108, and 109 are all readings of English translations of the classic pieces in other literatures. These courses are given in collaboration with the Department of Foreign Languages.

108. General Literature—Italian, Spanish, and French—Five hours. Winter Quarter.

Readings in English translation of the classic pieces—Italian, Spanish and French literature.

109. General Literature—German, Scandinavian, and Russian—Five hours. Spring Quarter.

Readings in the classics of German, Scandinavian and Russian literature similar to those given in Courses 107 and 108.

116. The Festival—Three hours. Spring Quarter.

A study of the 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.

A preliminary study of the technic of poetry, an examination of a number of typical poems to determine form and theme, and finally the application of the knowledge of technic to the reading of English lyric poetry from the cavalier poets thru Dryden and Burns to Wordsworth.

121. Nineteenth Century Poetry—Four hours. Winter Quarter.

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.

Tennyson and Browning, and the general choir of English poets from 1832 to 1900.

123. Contemporary Lyric Verse—Three hours. Winter Quarter.

An attempt to estimate the significance of current tendencies in poetry, English and American; supplemented by sufficient reference to current verse of other literatures to afford comparison or analogy.

125. Nineteenth Century Prose—Four hours. Fall Quarter.

126. The Familiar Essay—Four hours. Spring Quarter.

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 course; namely, a reading of a number of typical essays as laboratory material for a study of technic and theme.

127. Selected Plays of Shakespeare—Four hours. Autumn Quarter.

The life of Shakespeare and a literary study of the plays which are appropriate for high school use, with a proper amount of attention to the method of teaching Shakespeare in high schools. Some account of the theatre in Shakespeare's time.

128. Shakespeare's Plays—Four hours. Winter Quarter.

Thirteen more plays of Shakespeare. The three courses running thru an entire year take up the whole of Shakespeare's work. It is imperative that students expecting to become high school teachers should have Course 127, and desirable that they should have all three.

129. Shakespeare's Plays—Four hours. Spring Quarter.

The remaining twelve plays and the poems. This course completes the series of Shakespearean studies.

130. Elizabethan Drama Exclusive of Shakespeare—Four hours. Spring Quarter.

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.

The development, technic and significance of the novel.

133. The Recent Novel—Four hours. Spring Quarter.

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.

Reading and class discussion of thirty plays that best represent the characteristics, thought-currents, and the dramatic structure of our time.

Mathematics

GEORGE WILLIAM FINLEY, B.S., M.S.

All courses in this department are given with a keen realization of the modern demand for vitalization of school work. The instructors and students alike are constantly on the alert for points of contact between their courses and real life. This is especially true of those branches which the student is preparing to teach after graduation.

COURSES OF STUDY FOR MAJORS IN MATHEMATICS

First Year

Fall Quarter		Winter Quarter		Spring Quarter	
Soc. 3	3 hrs	Ed. 8	3 hrs	Biol. 2	3 hrs
Lib. Sci. 1	1 hr	Ethics 1	1 hr	Eng. 4	3 hrs
Math. 2	4 hrs	Math. 8	2 hrs	Math. (elective)	4 hrs
Free Electives	8 hrs	Free Electives	10 hrs	Free Electives	6 hrs

Physical Education is required each quarter of the first and second years, with or without credit.

Second Year

Fall Quarter		Winter Quarter		Spring Quarter	
Pol. Sci. 30	3 hrs.	Psych. 2a	3 hrs	Psych. 2b	3 hrs
Math. 7	4 hrs.	Ed. 2	4 hrs	Ed. 2	4 hrs
Ed. 10	3 hrs	Math. 5	4 hrs	Math. 6	4 hrs
Free Electives	6 hrs	Free Electives	5 hrs	Free Electives	5 hrs

Students may graduate and receive the Life Certificate at the end of the two-year course as outlined above.

Third Year

Fall Quarter		Winter Quarter		Spring Quarter	
Soc. 105	4 hrs	Psych. 105	4 hrs	Math. 102	4 hrs
Geog. 113	3 hrs	Math. 101	4 hrs	Free Electives	12 hrs
Free Electives	5 hrs	Free Electives	4 hrs		
		Educ. 105	4 hrs		

Fourth Year

Fall Quarter		Winter Quarter		Spring Quarter	
Math. 100	2 hrs	Educ. 103	4 hrs	Ed. 111	4 hrs
Free Electives	14 hrs	Ed. 116	4 hrs	Math. (elective)	4 hrs
		Free Electives	8 hrs	Free Electives	4 hrs
				Psych. 108	4 hrs

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. Fall 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. Winter 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 logarithms, the progressions, and the function and its graph.

6. College Algebra—Four hours. Spring Quarter.

A continuation of Course 5 dealing with permutation and combinations, probability, variables and limits, theory of equations, and infinite series. Thruout the needs of the prospective teacher are constantly kept in view.

7. Analytic Geometry—Five 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 for the work in the Calculus.

8. 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 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 Quarter.

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 Quarter.

This course takes up the ordinary formulas for integration and the commoner applications of the Integral Calculus.

104. Descriptive Geometry—Two hours. On demand.

This course is designed especially for those interested in mechanical and architectural work. It takes up the problems arising from the study of the projection of points, lines, planes and solids.

106. Descriptive Astronomy—Four hours. Winter and Summer quarters.

This course gives an introduction to the fascinating study of Astronomy. It gives an 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 for 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.

Music

JOHN CLARK KENDEL, A.B., *Director*

M. EVA WRIGHT, *Piano, Pipe Organ*

HAZEL KENNEDY, A.B., *Piano*

LUCY B. DELBRIDGE, Pd.M., *Violin*

RAYMOND H. HUNT, *Clarinet*

The courses offered by the department are 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 the 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.

Courses for grade teacher and general student: Music 1, 2, 3, and 4.

Courses for supervisors and professional teachers of music: Music 2, 5, 7, 8, 9, 10, 12, 13, 14, 17, 100, 101, 102, 105, 106, 119, 120, and 121.

Courses which are cultural in their nature and meant for the general or special student: Music 7, 10, 12, 13, 14, 17, 119, and 120.

Private Instruction

The Conservatory offers instruction in Voice, Piano, Violin, Orchestral, and Band Instruments. Send for special Music Bulletin.

In the Conservatory Department monthly student recitals are given, which provide the students an opportunity to appear in public recital.

Two operas are produced annually by the students under the direction of the director of the department.

The Philharmonic Orchestra is a Symphony Orchestra of forty members, composed of talent from the school and community, which gives bi-monthly concerts. The standard symphonic and concert compositions are studied and played. Advanced students capable of playing the music used by the organization are eligible to join upon invitation of the director.

The college orchestra and band offers excellent training for those interested.

The annual May Music Festival gives the students opportunity to hear one of the world's greatest orchestras and study one of the standard oratorios presented at that time.

The Teachers College Choral Union presents programs during the year, their closing program being the Oratorio given during the Spring Music Festival. All pupils registered in the Conservatory of Music are eligible to the Chorus.

A Two year or Four-year Curriculum for Teachers of Public School Music, Supervisors of Music in Public Schools, and Directors of Music in Normal Schools and Colleges.

First Year					
Fall Quarter		Winter Quarter		Spring Quarter	
Biol. 2	3 hrs	Soc. 3	3 hrs	Ed. 8	3 hrs
Music 2a	3 hrs	Music 2b	3 hrs	Music 2c	3 hrs
Music 8a	3 hrs	Music 8b	3 hrs	Music 8c	3 hrs
Music 7	2 hrs	Music 10	2 hrs	Music 17	2 hrs
Ethics 1	1 hr	Eng. 4	3 hrs	Free Electives	5 hrs
Free Electives	4 hrs	Free Electives	2 hrs		

Physical Education is required each quarter of the first and second years, with or without credit.

Second Year					
Fall Quarter		Winter Quarter		Spring Quarter	
Psych. 2a	3 hrs	Psych. 2b	3 hrs	Pol. Sci. 30	3 hrs
Ed. 2	4 hrs	Ed. 2	4 hrs	Teaching	4 hrs
Music 9	3 hrs	Music 100	3 hrs	Music 5	3 hrs
Music 119	2 hrs	Music 120	2 hrs	Music 101	2 hrs
Free Electives	4 hrs	Ed. 10	3 hrs	Free Electives	4 hrs
		Free Electives	1 hr		

Students may graduate and receive the Life Certificate at the end of the two-year course as outlined above.

Third Year					
Fall Quarter		Winter Quarter		Spring Quarter	
Music (elective)	4 hrs	Psych. 105, or 104	4 hrs	Music (elective)	8 hrs
Ed. 103	4 hrs	Music (elective)	4 hrs	Free Electives	4 hrs
Free Electives	4 hrs	Teaching	4 hrs	Psych. 108	4 hrs
Soc. 105	4 hrs	Free Electives	4 hrs		

Fourth Year					
Fall Quarter		Winter Quarter		Spring Quarter	
Psych. 108	4 hrs	Ed. 116	4 hrs	Ed. 111	4 hrs
Music (elective)	4 hrs	Music (elective)	4 hrs	Music (elective)	4 hrs
Free Electives	4 hrs	Free Electives	4 hrs	Free Electives	8 hrs
		Ed. 105	4 hrs		

1. Sight Reading—Required of Majors in Music. Three hours.

Notation, theory, sight reading. Designed especially for teachers desiring to make sure their knowledge of the rudiments of music so that they may be able to teach music in the public schools more efficiently.

2. Methods for the First Eight Grades—Four hours.

A very practical course for teachers, in which the material used in the public schools is studied and sung, with suggestions as to the best ways to present all phases of the work. Prerequisite for this class, Music 1 or its equivalent.

Music 2a—Required of Majors in Music. Three hours.

Methods for the Primary Grades. The teaching of Rote Songs. How to help Monotones. The development and care of the child voice. A delightful repertoire of Rote Songs are acquired. The work of the first three grades is studied intensively. The First steps in technique.

Music 2b—Required of Majors in Music. Three hours.

Methods for the Intermediate Grades. An intensive study of the problems of the teacher of these grades. Sight Reading, Interval Drill, Signature of keys (major and minor), Care of the Voice. All problems of these grades considered and practical solutions offered.

Music 2c—Required of Majors in Music. Three hours.

Methods for Junior High School. Material and methods for the crucial period in the musical career of the child. The changing boy voice. Intensive study of part singing. Musical appreciation for these grades. A practical course to meet the needs of the teacher.

3. Kindergarten and Primary Music—Two hours.

Designed especially for kindergarten and primary teachers. Songs and music adapted to children of these departments will be studied and sung. The care and development of the child voice; the teacher's voice; methods of instruction; practice singing and rhythm exercises will be presented.

5. Methods for Special Students—Three hours.

A review in methods for special music students who are looking forward to a major. Conducting, suggestions for assigning work to pupil and teacher in the public schools. A preliminary for the Supervisors' Course.

6. Chorus Singing—One hour.

Worth-while music and standard choruses are studied and prepared to present in concert.

7. History of Ancient and Medieval Music—Required of Majors in Music. Two hours.

A literary course which does not require technical skill. Open to all students who wish to study music from a cultural standpoint. From earliest music to Bach.

8a. Harmony—Required of Majors in Music. Three hours.

Beginning harmony. The work consists of written exercises on basses (both figured and unfigured) and the harmonization of melodies in four voices. These are corrected and subsequently discussed with the students individually. Work completed to the harmonization of dominant discords and their inversions.

8b and 8c—Required of Majors in Music. Six hours.

Harmonization of all discords. The circle of chords completed, modulation, etc. The harmony courses continue thruout the year, and the work is planned to meet the individual needs of the class.

9. Advanced Harmony—Three hours.

A continuation of Courses 8a, 8b, and 8c.

10. Methods in Appreciation—Required of Majors in Music. Two hours.

This course is planned to prepare teachers to present more intelligently the work in Appreciation of Music, for which there is such a growing demand in all our schools. A carefully graded course suitable for each grade is given. The lives and compositions of the composers from Bach to Wagner are studied.

12. Individual Vocal Lessons—Required of Majors in Music.

Correct tone production, refined diction and intelligent interpretation of songs from classical and modern composers. To make arrangements for this work, consult the director of the department.

13. Individual Piano Lessons—Required of Majors in Music.

Piano work is arranged to suit the needs and ability of the individual. From beginning work to artistic solo performance. To arrange work, consult the director.

14. Individual Violin Lessons.

The work will be outlined according to the ability of the student. To arrange work, consult the director.

17. Modern Composers—Required of Majors in Music. Two hours.

The lives of musicians from Wagner to the present day are studied. Programs of their music are given by members of the class, the talking machines and player piano. The work is planned to show the modern trend of music and to make the students familiar with the compositions of modern writers.

100. Advanced Harmony and Counterpoint—Three hours.

A continuation of Course 9.

101. Composition and Analysis—Three hours.

Primary forms, including the minuet, scherzo, march, etc. Simple and elaborate accompaniments. Analysis of compositions of primary forms principally from Mendelssohn and Beethoven.

102. Orchestration—Three hours.

The instruments of the orchestra. Practical arranging for various combinations and full orchestra.

103. Advanced Orchestration—Four hours.

A continuation of Course 102.

105. Supervisors' Course—Four hours.

The material used in the grades and high school is taken up and studied from a supervisor's standpoint. Actual practice in conducting works of a standard nature will be offered those interested in this course.

106. Choral and Orchestra Conducting—Four hours.

Methods of conducting chorus and orchestra. Practical experience conducting both the choral society and orchestra.

112. Advanced Vocal Individual Instruction—

The individual work in voice may be carried thru the entire four-year course for those wishing to prepare as specialists in that field.

113. Advanced Piano Individual Instruction—

Individual work in piano may be carried thru the entire four-year course for those wishing to prepare as specialists in that field.

116. School Entertainments—Four hours.

Practical programs for all occasions. Thanksgiving, Christmas and Arbor Day. Patriotic programs. Programs of songs of all nations. The term concludes with some opera suitable for use in the grades.

119. Interpretation and Study of Standard Operas—Two hours.

Operas of the classical and modern schools are studied, thru the use of the talking machine, and their structure and music made familiar to the class.

120. Interpretation and Study of Standard Oratorios and Symphonies—Two hours.

The standard oratorios are studied. The best known solos and choruses are presented by members of the class or talking machines. The content of the work is studied with the hope of catching the spirit of the composer. The symphonies of Haydn, Mozart, Beethoven, Schumann, Schubert and other writers of the classical and modern schools are presented to the class.

121. Research—Four hours.

A comparative study of the work done in the public schools in cities of different classes. A similar study is made of the work done in the normal schools and teachers' colleges of the various states.

VOCAL COURSES**Elementary Course**

In the Vocal Department the aim is to give the student correct vocal habits from the beginning of the course. Proper conception of good tone, the blending of the speaking and singing voice, firm breath support and resonance. No set group of studies is used, but exercises to fit the needs of each individual student are assigned. Songs suitable to the requirements and musicianship of the student are studied with the emphasis laid upon correct phrasing, refined diction, and intelligent singing.

Intermediate Course

The Intermediate Course grows logically out of the elementary. As the student grows in power and musicianship, exercises and studies to fit the needs are assigned. Songs of a more advanced type are studied, always with the clear object of producing intelligent singers. Students are expected to appear upon recital programs.

Advanced Course

The emphasis is laid upon repertoire. Songs of Schumann, Schubert, Brahms, Mendelssohn, and other standard classical composers are studied. Operatic and Oratorio Arias, Folk songs and a full concert repertoire are acquired. Each student to complete this part of the course is required to present a full recital program assisted by some member of the instrumental department.

PIANO COURSES

Elementary and Primary Foundation Studies

Special care given to hand culture, finger exercises, scales, playing movements, mental control, notation and sight-reading.

Sonatas and pieces: Kuhlau, Kullak, Clementi, Bach, Twelve Little Preludes, and pieces suited to the individual student.

Intermediate Course

All forms of technical exercises, trills, chords, arpeggios, double thirds, octaves. Care being given to tone production, phrasing, rudiments of harmony, use of pedal, sight-playing, studies by Czerny, Clementi and others suitable to special purposes.

Advanced Course

Technical work continued with increased velocity, Accent and Accent Scales, Double Thirds and Sixths. Attention is given to good muscular and nerve control when playing with the weight of the arm. History of Music, Harmony, Studies by Clementi, Chopin, and Liszt. Pieces by Bach, Chopin, Schumann, Schubert, Greig, MacDowell, Debussy, etc., including Concertos by Mozart, Hummel, Mendelssohn, Saint-Saens and Tchaikowsky.

Sight-Playing, Ensemble Class, Accompanying.

ORGAN COURSES

It is necessary in taking up the subject of the organ to have some knowledge of the piano, sight-reading, rhythm, scales, arpeggios, etc. It is also advisable to have had some instruction in harmony. Attention is called to registration, facility in the use of the pedals and in handling two or more manuals. So without some preparatory work in piano the difficulty is obvious.

Preparatory Course

The student is required to become accustomed in the use of manuals and pedals, beginning pedal technic, scales, arpeggios and organ touch. Stainers' Beginning Book.

Bach Smaller Preludes and Fugues.

Intermediate Course

Pedal technic continued, registration, Clemens' Organ Studies, More difficult Preludes and Fugues of Bach. Pieces of modern composers—French, English, Russian and American schools.

Advanced Course

Bach Fantasie and Fugue G. Min., Toccata and Fugue (Dorian Mode).

The well known St. Ann's Fugue, Mendelssohn, Widor, Guilmont and Rheinberger Sonatas, Handel Concertos. Pieces by French, English, Russian and American composers. Great choral works of Bach and Handel.

VIOLIN COURSES**Elementary Course****Part One**

Wichtl
 Wohlfahrt Op. 45
 Wohlfahrt Op. 54
 Wohlfahrt Op. 74
 Kayser Bk. I
 Fifth Easy Pieces—Kelly
 Zephyrs from Melodyland—Krogram
 Twenty-five Pieces in First Position—Lehman
 Harvest of Flowers—Weiss
 Pleyel Duets

Part Two

Wohlfahrt Op. 45 Bk. II
 Wohlfahrt Op. 74 Bk. II
 Sevcik Op. I—Part I
 Kayser Bk. II
 Dancla—School of Mechanism
 Schradieck—Technical Violin School
 Casorti
 Easy Solos in the Third Position

Intermediate Course

Kayser Bk. III
 Mazas Bks. I and II
 Schradieck—Chord Studies
 Sevcik Op. I, Part II
 Don't Studies
 Sevcik Op. 8—Shifting Positions
 Wilhelmj—Studies in Thirds
 Mozart Sonatas
 De Beriot Airs
 Mazas Duets
 Selected Solos

Advanced Course

Kreutzer
 Dancla Op. 73
 Mazas Bk. III
 Sevcik Bk. 4—Op. I
 Rode
 Gavinies
 Campagnoli
 Bach Sonatas
 Beethoven Sonatas
 Greig Sonatas
 Mozart Concertos
 De Beriot Concertos
 Concertos of Mendelssohn and Bruch
 Selected Solos and Sonatas

Physics

FRANCIS LORENZO ABBOTT, B.S., A.M.

It is the purpose of this department to make the work in physics as valuable as possible to ALL students who are to teach in the public schools. The importance of knowing the fundamental principles of physics, and the application of these principles to those things which make for our comfort and well-being is becoming more manifest and urgent every year; but the importance of knowing the fundamental principles of physics when one is going to teach geography, physiology, agriculture, and the like is seldom appreciated by the public school teacher. Every course here offered has been carefully planned so that it may be of the greatest helpfulness in illuminating and vitalizing public school work, especially the work of the elementary school. Much pains has been taken to work out interesting methods, whereby essential but difficult subjects may be presented to young people in the light of their many common and relevant experiences so as to make the difficult subjects understandable.

A new science course, combining Zoology, Botany, Chemistry and Physics, is offered to the students as a four-year course. The combination is made to train students for the teaching of sciences in high schools; as most of the science work is or should be taught by the teachers trained in general science lines. These sciences work well together, so it is desirable for prospective teachers to train themselves in related subjects. As will be seen from the catalog, students may major in one of the four subjects with the most closely related as a minor, i. e., Zoology—Botany, Physics—Chemistry. In any case, work must be taken in the other sciences.

SCIENCE COURSE—Major in Physics

First Year

Fall Quarter		Winter Quarter		Spring Quarter	
Soc. 3	3 hrs	Eng. 4	3 hrs	Physics 3	4 hrs
Physics 1	4 hrs	Physics 2	4 hrs	Physics 16	4 hrs
Physics 6	4 hrs	Free Electives	5 hrs	Nature Study 1	4 hrs
Free Electives	5 hrs	Ed. 8	3 hrs	Free Electives	4 hrs
		Ethics 1	1 hr		

Physical Education is required each quarter of the first and second years, with or without credit.

Second Year

Fall Quarter		Winter Quarter		Spring Quarter	
Pol. Sci. 30	3 hrs	Ed. 10	3 hrs	Psych. 26	3 hrs
Physics 7	3 hrs	Physics 4	4 hrs	Chem. 3	3 hrs
Chem. 1	3 hrs	Chem. 2	3 hrs	Bot. 2	4 hrs
Free Electives	4 hrs	Free Electives	3 hrs	Free Electives	3 hrs
Ed. 1	3 hrs	Ed. 2	3 hrs	Ed. 2	3 hrs

Students may graduate and receive the Life Certificate at the end of the two-year course as outlined above.

Third Year

Fall Quarter		Winter Quarter		Spring Quarter	
Soc. 105	4 hrs	Psych. 105	4 hrs	Psych. 108	4 hrs
Physics 109	4 hrs	Physics 108	4 hrs	Physics 106	4 hrs
Chem. 108	3 hrs	Chem. 109	3 hrs	Bot. 3	3 hrs
Zool. 1 or Bot. 3	4 hrs	Zool. 2 or Bact. 1	4 hrs	Free Electives	5 hrs
Free Electives	1 hr	Free Electives	1 hr		

Fourth Year

Fall Quarter		Winter Quarter		Spring Quarter	
Ed. 103	4 hrs	Ed. 116	4 hrs	Ed. 111	4 hrs
Physics 104	4 hrs	Physics 110	4 hrs	Physics 106	4 hrs
Physics (elective)	4 hrs	Physics (elective)	4 hrs	Physics (elective)	4 hrs
Free Electives	4 hrs	Ed. 105	4 hrs	Free Electives	4 hrs

1. General Physics—Four hours. Fall Quarter.

The work of this term covers the following subjects: Properties of matter, units of force and work, mechanics, hydrostatics, etc., and heat. Text-book; Kimball's College Physics.

2. General Physics—Four hours.

A course in sound and light. Text-book: Kimball's College Physics.

3. General Physics—Four hours. Spring Quarter.

A course in magnetism and electricity. Text-book: Kimball's College Physics.

Courses 1, 2, and 3 in Physics not only treat of the general principles of physics, but emphasize strongly the application of these principles as applied to machinery. The recitation work is fully illustrated by experiments.

4. General Science for the Kindergarten and the First Eight Grades.**4a. Kindergarten Science—Two hours. Winter Quarter.**

A series of simple experiments with easily collected materials presenting plays with water, sun, wind, light, sound and other phenomena within the immediate environment of the kindergarten child. The course is based upon the scientific curiosity and love of the children of the kindergarten age.

4b. Directed Play with Structural Toy Building Materials—Two hours. Fall Quarter.

The work consists of actually building any machine, or mechanical structure, with such building sets as the Mecanno, Erector or Tinker Toy, etc.

As stated in the title of the course, the building must be so directed as to call attention to the physics in the construction; yet the spontaneity of the child must not be suppressed. The course also attempts to show the historical development of the machine or structure. We are supplied with the material at present for a class of only five.

4c. Science for Intermediate Grades—Two hours. Spring Quarter.

The work of this course is almost entirely experimental and touches the most elementary phenomena of electricity, magnetism, light, sound, mechanics. Always trying to keep in mind those experiments which are most closely related to our common experiences.

5. Applied Elementary Household Physics—Two hours. On demand.

A course devoted to the study of the principles involved in home appliances, such as heating plants, refrigeration, ventilation systems, electrical apparatus, artificial illumination, conductivity of various kinds of cooking utensils, their economical use, etc. This course is planned especially for students of the Home Economics Course.

6. Theory and Practice of the Automobile—Four hours. Fall, Spring and Summer Quarters.

Lack of knowledge as to the proper care, construction and operation of an automobile is responsible for much of the trouble, expense and short life of a car.

The purpose of the course is at least two-fold: (1) To give such instruction in the theory of the construction and operation of a car that the repair expenses may be materially reduced, the life of the car much lengthened, and the driving more of a pleasure.

(2) That teachers taking the course may be well enough informed in the subject to disseminate a correct knowledge of the automobile, thereby increasing a scientific education in the community.

Connected with the department is a large garage and repair shop which is well equipped with tools, parts of cars and a demonstrating car.

10. Household Physics—Three hours. On demand.

This is a first, or elementary, course in Physics planned wholly from the point of view of the practical bearings of physics. It is not restricted to the household, but fully uses the materials of the immediate surroundings of the home, school and neighborhood. It is planned to meet the needs of several groups of people: (1) Students and teachers of Domestic Science and Household Economy; (2) Teachers in small high schools; (3) Rural school and grade teachers.

The course deals with matters so fundamental that it should be of large use to the elementary school teacher in explaining many pieces of geography, agriculture, physiology and hygiene.

The work of this quarter covers the subjects of mechanical appliances in the home, liquid gases, pumps, vacuum cleaners, etc., and heat. First ten chapters in Household Physics, Lynde.

11. Household Physics—Three hours. On demand.

For general statement, see Course 10. The study of this quarter deals are: Evaporation, dew point, boiling, etc. Electricity in the home, electrical appliances, etc. Chapters XI to XX, inclusive, Lynde's Household Physics.

12. Household Physics—Three hours. On demand.

For general statement, see Course 10. The study of this quarter deals with electric machinery, sound and light. Chapters XXI to XXX, inclusive.

100. The New Physics—Four hours. Spring Quarter.

This course is devoted to the study of electrons, cathode rays, X-rays, alpha rays, beta rays, gamma rays, and radium and its disintegration products. We are well equipped to illustrate this course.

101. Historical Physics—Four hours. Spring Quarter.

Probably the historical aspects of the school subjects offer the easiest insight into their relations to human life and problems. Physics, from the modern point of view and practice, is more than a set of laboratory experiences to be memorized. It is a history of men facing baffling problems and step by step finding a way to solve them. It is possible that this may be the best point of view from which to teach Physics to any group of students.

This course, however, is planned primarily for those teachers of physics who have a scholarly interest in the evolution of various aspects of their subject. Probably its chief service lies in its bringing together many classical experiments and indicating their influence on the development of physics, which is a matter of considerable difficulty, since there is no book written from this standpoint.

Beyond this, for the sake of humanizing physics, the course exhibits the circumstances and conditions under which various men first performed the classic experiments.

It is our belief that the teaching of high school physics may profit considerably from such a background study.

102. Radiographic Physics—Four hours. On demand.

This is a **practical** course in radio telegraphy and telephony with sufficient technical instruction to make possible the intelligent operation of a station and use of instruments connected with a wireless station. The course will be largely laboratory work and actual code work.

The department is well equipped for this course. There are several small sets and a large one as well as an automatic transmitter for code practice which will be at the disposal of the students.

103. Alternating Current Simplified—Four hours. On demand.

Practically all of the commercial electrical current is an alternating current and our high school text-books give practically nothing of the subject of alternating currents. The aim of this course is to give a student or a teacher of physics such a clear understanding of the action of an **alternating current** as to form a safe and sure foundation for his work. The course is not a mere description of alternating machinery, but an explanation of **principles** in language so simple and clear that anyone with a very elementary knowledge of physics will have no difficulty in comprehending the course.

104. Methods of Teaching Physics—Four hours. Summer Quarter.

A study of the history of the teaching of physics, and a detailed course presenting a method which will make the subject of physics more interesting and of greater value to the student.

200. Theory of Relativity—Twelve hours.

This course requires a comprehensive review of the hypothesis of the ether and the structure of matter, which study shows the necessity for the Theory of Relativity.

Practical and Industrial Arts

SAMUEL MILO HADDEN, A.M., *Dean*

RALPH T. BISHOP

CHARLES M. FOULK, Pd.M.

OTTO W. SCHAEFER

The Practical Arts 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.

WOODWORKING, DRAFTING, PRINTING AND BOOKBINDING

The Woodworking, Drafting, Printing and Bookbinding Departments of the 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 from 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.

First Year

Fall Quarter		Winter Quarter		Spring Quarter	
Soc. 3	3 hrs	Biol. 2	3 hrs	Ed. 8	3 hrs
Ind. Arts 1	4 hrs	Ind. Arts 3	4 hrs	Ind. Arts 2	4 hrs
Ind. Arts 8	4 hrs	Ind. Arts 10	4 hrs	Ind. Arts 12	4 hrs
Eng. 4	3 hrs	Free Electives	5 hrs	Ethics 1 (for Women only)	1 hr
Free Electives	2 hrs			Free Electives	4 hrs

Physical education is required each quarter in the first and second years, with or without credit.

Second Year

Fall Quarter		Winter Quarter		Spring Quarter	
Psych. 2a	3 hrs	Psych. 2b	3 hrs	Ed. 10	3 hrs
Ind. Arts 14	4 hrs	Ind. Arts 19	4 hrs	Ed. 2	4 hrs
Ind. Arts 5	3 hrs	Pol. Sci. 30	3 hrs	Ind. Arts 11 or	
Ed. 2	4 hrs	Free Electives	6 hrs	Ind. Arts 13	4 hrs
Free Electives	2 hrs			Free Electives	5 hrs

Students may graduate and receive the Junior College Diploma and Life Certificate at the end of the two-year course as outlined above.

Third Year

Fall Quarter		Winter Quarter		Spring Quarter	
Soc. 105	4 hrs	Psych 104, or 105	4 hrs	Ind. Arts 104	2 hrs
Ind. Arts 48	4 hrs	Ind. Arts 121	4 hrs	Bkbgd. 1 or	
Ind. Arts 109	4 hrs	Art 1 or Art 2	2 hrs	Printing 1	4 hrs
Art 11	1 hr	Free Electives	2 hrs	Ind. Arts 120	4 hrs
Free Electives	3 hrs	Ed. 105	4 hrs	Free Electives	6 hrs

Fourth Year

Fall Quarter		Winter Quarter		Spring Quarter	
Ind. Arts 115	4 hrs	Ed. 116	4 hrs	Psych. 108	4 hrs
Printing or		Ind. Arts 104	2 hrs	Ind. Arts (elec.)	4 hrs
Bookbinding	4 hrs	Ind. Arts 116	1 hr	Free Electives	4 hrs
Free Electives	4 hrs	Free Electives	5 hrs	Ed. 111	4 hrs
		Ed. 103	4 hrs		

COURSES IN INDUSTRIAL ARTS FOR THE DEGREE OF MASTER OF ARTS

Any of the courses numbered from 100 upwards which have not already been taken as a part of the course leading to the degree of Bachelor of Arts may be elected to apply upon the degree of Master of Arts.

5. Vocational Education—Required of all Majors in Industrial Arts Commercial Arts, Fine and Applied Arts, and Home Economics. Four hours.

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.

1. Elementary Woodwork—Required of Industrial Arts Majors. 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—Required of Industrial Arts Majors. 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—Required of all Industrial Arts Majors. 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.

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.

6. Repair and Equipment Construction—Required of Industrial Arts Majors. Four hours.

This course has for its base the building of various types of equipment and the use of power machines in working out of these problems. This is an especially valuable course for those who wish to emphasize the large phases of vocational education.

8. Elementary Art Medal—Required of Industrial Arts Majors. Four hours. Fee, \$1.00. Every Quarter.

(a) This course has in mind the designing and creation of simple, artistic forms in copper, brass and German silver.

(b) Also simple, artistic jewelry, including monograms and the setting of semi-precious stones.

10. Elementary Mechanical Drawing—Required of Industrial Arts Majors. Four hours. Fall Quarter.

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.

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 the shadow that a body makes upon another.

12. Elementary Architectural Drawing—Required of all Industrial Arts Majors. Four hours.

This course includes the making of complete designs of simple one-story cottages, together with details and specification of same.

13. Intermediate Architectural Drawing—Four hours.

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—Required of Industrial Arts Majors. Three hours.

This course is designed to train students to care for, repair and adjust hand and power tools of the woodworking department.

19. Wood Turning—Required of all Industrial Arts Majors. Four hours. Fee, \$2.00. Winter Quarter.

The aim of this course is to give the student a fair knowledge of the woodworking 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—Two 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.

This course is designed to give the student a simple working knowledge of the great historic material 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.

109. Advanced Art Metal—Four hours. Fee, \$1.00. Winter and Summer Quarters.

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.

116. Historic Furniture—One hour. Spring Quarter.

Lectures illustrated by lantern slides and pictures, showing the development of and characteristics fundamental in the Netherlands, English and American periods.

117. Elementary Machine Design—Four hours. Fall Quarter.

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. Winter and Spring Quarters.

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.

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.

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.

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 work 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.

For other courses in Industrial Education, see the Department of Education, Senior and Graduate College.

PRINTING

1. Elementary Printing—Four hours. Every Quarter.

The aim of this course is to acquaint the student with the various tools and materials of a print shop and to teach him the fundamentals of plain type-composition. He will carry simple jobs thru the various stages from composition to making ready and printing on the press.

1b. Elementary Printing—Four hours.

A continuation of Printing 1a.

1c. Elementary Printing—Four hours.

A continuation of Printing 1b.

2. Intermediate Printing—Four hours. Every Quarter.

A continuation of elementary printing with a view to making the student more proficient in fundamentals of the art. The principles of typographic designs will be studied in the designing and composing of letter-heads, tickets, programs, etc. Color study in selection of papers and inks.

2b. Intermediate Printing—Four hours.

A continuation of Printing 2a.

2c. Intermediate Printing—Four hours.

A continuation of Printing 2b.

3. Advanced Printing—Four hours. Every Quarter.

A continuation of the study of typographic design in the laying out and composition of menus, title and cover pages, advertisements, etc. Imposition of four and eight-page forms, advanced presswork and a study of plate and paper making will be given.

3b. Advanced Printing—Four hours.

A continuation of Printing 3a.

3c. Advanced Printing—Four hours.

A continuation of Printing 3b.

4. Practical Newspaper Work—Four hours.

The various processes incident to the printing of a newspaper will be performed by the student in this course.

4b. Practical Newspaper Work—Four hours.

A continuation of Printing 4a.

4c. Practical Newspaper Work—Four hours.

A continuation of Printing 4b.

5. Shop Management—Four hours.

Organization of the various forces of the shop to maintain production with efficiency. Planning for the mechanical processes of printed product. Planning and selection of equipment. Maintenance of equipment.

6. Shop Accounting—Four hours.

Keeping of shop records and accounts. Purchase of printing materials.

7. Cost Accounting—Four hours.

Advanced work growing out of shop accounting, dealing with estimating production records and the costs of printing.

BOOKBINDING

1a. Elementary Bookbinding—Four hours.

This course includes the following: tools, machines, materials and their uses, colating and preparing their sheets for sewing, sewing on tape and cord, preparing of end sheets, trimming, glueing, rounding and backing, head-

binding, banding and preparing backs for covers, selecting cover materials, planning and making of covers and all steps necessary for the binding of full cloth, buckram, and paper bindings, having spring or loose backs; also, the binding of one-quarter loose and tight back leather bindings with plain and fancy edges. The making of small boxes, writing pads, memoranda books, leather cases, cloth portfolios and kodak albums.

1b. Elementary Bookbinding—Four hours.

A continuation of Bookbinding 1a.

1c. Elementary Bookbinding—Four hours.

A continuation of Bookbinding 1b.

2a. Intermediate Bookbinding—Four hours.

This course includes the binding of books in half leather, half morocco, cowhide, calf, sheep, and fancy leathers; also the planning and making of full leather travelers' writing cases, music cases, and art leather work.

2b. Intermediate Bookbinding—Four hours.

A continuation of Bookbinding 2a.

2c. Intermediate Bookbinding—Four hours.

A continuation of Bookbinding 2b.

3a. Advanced Bookbinding—Four hours.

This course is a review of both of the other courses in higher grade work and construction. Full leather bindings with raised panels is given in this course. Gilt edging, fancy edges including starch and agate edges.

Finishing in antique and gold, hand lettering in all its phases, tooling in gold and antique, stamping on stamping machines, of cloth, leather, and other materials in blind, gold and other metals and foils.

3b. Advanced Bookbinding—Four hours.

A continuation of Bookbinding 3a.

3c. Advanced Bookbinding—Four hours.

A continuation of Bookbinding 3b.

4. Shop Management—Four hours.

The organization of the various forces of the shop to maintain production and efficiency in the work. Planning of the mechanical work of binding. Laying out and selection of materials and methods of equipment.

5. Shop Accounting—Four hours.

Keeping of shop records and accounts. Purchasing and selection of materials such as tapes, papers, buckram, leathers, etc.

6. Cost Accounting—Four Hours.

Advanced work growing out of shop management, shop accounting and equipment, dealing with the factors that enter into the estimating of production costs, such as materials and general shop expenses, etc.

FINE AND APPLIED ARTS

GRACE M. BAKER

EDWARD B. KAMINSKI

FLORENCE LOWE

SAMUEL M. HADDEN, A.M.

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 thru the high school in all branches of art, and to train special students to act as departmental teachers and supervisors. The courses are open as electives to all students of the College.

The department is well equipped. In addition to the regular equipment there is a large museum of ceramics, original paintings, reproductions, and copies of masterpieces, bronzes, marbles, and tapestries. The Museum of Ceramics is a rare collection of pottery, containing ancient and modern specimens from different countries, including Japan, Austria, Holland, France, England, and America.

COURSE OF STUDY

Two Years or Four Years.

For Teachers and Supervisors of Art in High Schools and Elementary Schools

First Year

Fall Quarter		Winter Quarter		Spring Quarter	
Biol. 2	3 hrs	Ed. 8	3 hrs	Soc. 3	3 hrs
Art 3	4 hrs	Art. 16	4 hrs	Art 2	4 hrs
Art 4	4 hrs	Art 1	4 hrs	Art 14	4 hrs
Ind. Arts 10	2 hrs	Ethics 1	1 hr	Eng. 4	3 hrs

Physical Education is required each quarter in the first and second year, with or without credit.

Second Year

Fall Quarter		Winter Quarter		Spring Quarter	
Ed. 10	3 hrs	Psych. 2a	3 hrs	Psych. 2b	3 hrs
Art 13	4 hrs	Art 9	2 hrs	Pol Sci. 30	3 hrs
Art 5	3 hrs	Art 7	4 hrs	Art 11	1 hr
Ed. 2	2 hrs	Ed. 2	2 hrs	Art 12	4 hr
		Art 6	1 hr	Ind. Arts 5	3 hrs
				Ed. 2	4 hrs

Students may graduate and receive the Junior College Diploma and Life Certificate at the end of the two-year course as outlined above.

Third Year

Fall Quarter		Winter Quarter		Spring Quarter	
Art 102	4 hrs	Psych. 104 or 105	3 hrs	Art 101	4 hrs
Art 104	4 hrs	Art 8	4 hrs	Art 100	3 hrs
Ed. 103	2 hrs	Art (elective)	4 hrs		
Soc. 105	3 hrs	Ed. 103	2 hrs		

Fourth Year

Fall Quarter		Winter Quarter		Spring Quarter	
Art 200	4 hrs	Ed. 116	3 hrs	Psych. 108	3 hrs
Art (elective)	2 hrs	Art 201	4 hrs	Ed. 111	3 hrs
Teaching	4 hrs	Ed. 105	4 hrs	Art 202	4 hrs
				Art (elective)	6 hrs
				Teaching	2 hrs

1. Public School Methods—Four Hours. Fall Quarter.

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

Principles of teaching in connection with each unit of work.

2. Primary Grade Methods—Four hours. Fall Quarter.

Freehand drawing, perspective, color, composition and design, adapted to 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.

4. Applied Design—Three hours.

Creative design with relation and application to useful articles. Principles of design.

5. Water Color Painting—Three hours.

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

6. Art Application—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.

7. Constructive Design—Four hours. Winter Quarter.

Design as a factor in construction; reed and raffia work; construction of mats, bags, purses, book covers, etc., in leather, with tooled or colored designs.

8. Pottery—Four hours. Fee, \$2.00. Each Quarter.

Vases, bowls, decorative tiles, etc., are made. The department is equipped with a modern kiln, and the work of students is fired and glazed. A variety of glazes with the different colors is used. Modern shapes and decorations.

9. History of Art—Two 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.

The execution of designs for interior decorations and costumes.

13. Applied Art for Primary Grades—Four hours. Winter Quarter.

This course includes paper construction, cutting, design, stick-printing, weaving, modeling, and toy making.

Relation of art to other subjects.

14. Applied Art for Intermediate and Grammar Grades—Winter Quarter.

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

15. Pottery—Two hours. Fee, \$2.00. Winter Quarter.

A course which stresses the decoration and glazing of pottery.

16. Antique—Four hours. Winter and Spring Quarters.

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

100. Methods in Art Supervision—Three 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. Winter Quarter.

Study from the costumed model. The student is allowed to choose the medium to be used.

102. Commercial Design—Four hours. Winter Quarter.

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

104. Design and Composition—Four hours. Winter Quarter.

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

200. Oil Painting—Four hours. Each Quarter.

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. Advanced poster design.

COMMERCIAL ARTS

AMBROSE OWEN COLVIN, B.C.S.

FLORA E. ELDER, A.B.

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. The general outline of the course has been planned for

teachers, but much of the work offered is suitable for practical office work and students not desiring to teach may elect a complete course suitable to their needs.

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. The usual two-year teacher's certificate will be issued upon completion of one of the two-year courses outlined below. Students who have had previous commercial training either in school or in offices will be allowed to enter advanced classes. Advanced credit will be allowed for work done in creditable schools.

FOUR-YEAR COMBINED COMMERCIAL COURSE

First Year

Fall Quarter		Winter Quarter		Spring Quarter	
Eng. 4	3 hrs	Biology 2	3 hrs	Soc. 3	3 hrs
Ed. 8	3 hrs	Ethics 1	1 hr	Phys. Ed.	.....
Phys. Ed.	.....	Phys. Ed.	.....	Com'l Arts 52	4 hrs
Com'l Arts 50	4 hrs	Com'l Arts 51	4 hrs	Com'l Arts 53	4 hrs
Com'l Arts 56	4 hrs	Ind. Arts 5	4 hrs	Free Electives	5 hrs
Free Electives	2 hrs	Free Electives	4 hrs		

Physical Education is required each quarter of the first and second years, with or without credits.

Second Year

Fall Quarter		Winter Quarter		Spring Quarter	
Pol. Sci. 30	3 hrs	Psych. 2a	3 hrs	Psych. 2b	3 hrs
Ed. 2	4 hrs	Phys. Ed.	.....	Ed. 2	4 hrs
Phys. Ed.	.....	Com'l Arts 150	4 hrs	Phys. Ed.	.....
Com'l Arts 58	4 hrs	Geog. 7	4 hrs	Com'l Arts 54	3 hrs
Free Electives	5 hrs	Free Electives	5 hrs	Com'l Arts 6	2 hrs
				Free Electives	3 hrs

Students may graduate and receive the Junior College Diploma and Life Certificate at the end of the two-year course as outlined above or upon the completion of any one of the two-year Junior College outlines given below.

Third Year

Fall Quarter		Winter Quarter		Spring Quarter	
Com'l Arts 11	4 hrs	Ed. 105	4 hrs	Psych. 108	3 hrs
*Com'l Arts 40	4 hrs	Com'l Arts 1	4 hrs	Com'l Arts 2	4 hrs
Free Electives	8 hrs	Com'l Arts 12	4 hrs	Com'l Arts 13	3 hrs
		*Eng. 5	4 hrs	Free Electives	6 hrs
		Free Electives	4 hrs		

Fourth Year

Fall Quarter		Winter Quarter		Spring Quarter	
Soc. 105	4 hrs	Psych. 105	4 hrs	Ed. 111	4 hrs
Ed. 103 (Teaching)	4 hrs	Ed. 116	4 hrs	Com'l Arts 17	12 hrs
Com'l Arts 3	4 hrs	Com'l Arts 4	4 hrs		
Free Electives	4 hrs	Free Electives	4 hrs		

TWO-YEAR ACCOUNTING COURSE

First Year

Fall Quarter		Winter Quarter		Spring Quarter	
Eng. 4	3 hrs	Biol. 2	3 hrs	Soc. 3	3 hrs
Ed. 8	3 hrs	Ethics 1	1 hr	Phys. Ed.	.....
Phys. Ed.	.....	Phys. Ed.	.....	Com'l Arts 52	4 hrs
Com'l Arts 50	4 hrs	Com'l Arts 51	4 hrs	Com'l Arts 53	4 hrs
Com'l Arts 56	4 hrs	Ind. Arts 5	4 hrs	Free Electives	5 hrs
Free Electives	2 hrs	Free Electives	4 hrs		

Physical Education is required each quarter of the first and second years, with or without credits.

Second Year

Fall Quarter		Winter Quarter		Spring Quarter	
Pol. Sci. 30	3 hrs	Psych. 2a	3 hrs	Psych. 2b	3 hrs
Ed. 2	4 hrs	Phys. Ed.	.....	Ed. 2	4 hrs
Phys. Ed.	.....	Com'l Arts 150	4 hrs	Phys. Ed.	.....
Com'l Arts 58	4 hrs	Geog. 7	4 hrs	Com'l Arts 54	3 hrs
Free Electives	5 hrs	Free Electives	5 hrs	Com'l Arts 6	2 hrs
				Free Electives	4 hrs

Students may graduate and receive a Diploma and Life Certificate at the end of the two-year course as outlined above.

*Electives. One is required.

TWO-YEAR STENOGRAPHIC COURSE

First Year

Fall Quarter		Winter Quarter		Spring Quarter	
Eng. 4	3 hrs	Biol. 2	3 hrs	Soc. 3	3 hrs
Ed. 8	3 hrs	Ethics 1	1 hr	Phys. Ed.	.....
Phys. Ed.	.....	Phys. Ed.	.....	Com'l Arts 2	4 hrs
Com'l Arts 11	4 hrs	Com'l Arts 1	4 hrs	Com'l Arts 13	3 hrs
*Com'l Arts 40	4 hrs	Com'l Arts 12	4 hrs	Free Electives	6 hrs
Free Electives	2 hrs	*Eng. 5	4 hrs		
		Free Electives	4 hrs		

Physical Education is required each quarter of the first and second years, with or without credits.

Second Year

Fall Quarter		Winter Quarter		Spring Quarter	
Pol. Sci. 30	3 hrs	Psych. 2a	3 hrs	Psych. 2b	3 hrs
Ed. 2	4 hrs	Phys. Ed.	.....	Phys. Ed.	.....
Phys. Ed.	.....	Ed. 2	4 hrs	Com'l Arts 17	12 hrs
Com'l Arts 3	4 hrs	Com'l Arts 4	4 hrs	Com'l Arts 6	1 hr
Free Electives	5 hrs	Free Electives	5 hrs		

Students may graduate and receive a Diploma and Life Certificate at the end of the two-year course as outlined above.

DESCRIPTION OF COURSES

1. Principles of Shorthand—Required of Majors in Commercial Arts. Four hours. Winter 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. Spring 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. Fall Quarter.

A brief review of word signs, phrasing and the vocabulary of the Gregg Manual, after which 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.

6. Methods in Commercial Education—Required of Majors in Commercial Arts. Three 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.

11. Elementary Typewriting—Required of Majors in Commercial Arts. Four hours. Every Quarter.

Beginning work in touch typewriting, covering position at machine, memorizing of keyboard, proper touch and correct fingering, with instruction in care of machine.

12. Typewriting. Business Letter Writing—Required of Majors in Commercial Arts. Four hours. Every Quarter.

Study of approved forms and circular letters, addressing envelopes, manfolding and tabulating.

13. Advanced Typewriting—Required of Majors in Commercial Arts. Three hours. Spring Quarter.

14. Business and Legal Forms and Documents—Elective.

A careful systematic study of various business forms, such as Deeds, Mortgages, Liens, Abstracts, Wills, Bills of Sale, Formal Notices, Negotiable

*Electives. One is required.

Instruments, Warehouse Receipts, Bills of Lading, and many Mercantile Forms. This course will include the filling in of blank forms and a discussion and interpretation of the phraseology. This is a very desirable course for both grade and high school teachers of arithmetic, as well as for Commercial Majors.

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 machines, filing systems, 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 English—Four hours. Fall Quarter.

The elementary principles involved in writing correct English. The sentence, the paragraph, grammatical correctness, effectiveness, clearness, and punctuation.

41. Business Correspondence—Elective. Two hours. Winter Quarter.

Business letter writing in all of its phases will be studied in this course. The latest and most improved methods in advertising, selling and collecting by mail.

50. Elementary Accounting—Required of Commercial Majors. Four hours. Fall Quarter.

A general introduction, giving the historic background of the subject and a brief statement of the profession. The foundation 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 features 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. Commercial Arithmetic—Required of Commercial Majors. Four hours. Winter Quarter.

A thoro treatment of arithmetic from the modern commercial point of view.

54. Commercial Law—Required of Commercial Majors. Three 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.

58. Advanced Corporation Accounting—Required of Commercial Majors. Four hours. Fall Quarter.

This course covers the field of Corporation Accounting quite completely and introduces some special accounting principles in regard to ownership, bankruptcies, joint accounts, etc. The work consists of regular class discussion supplemented by laboratory practice.

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. Four hours. Winter Quarter.

This includes a study of state and national banking laws, loans, discounts, commercial paper, methods and principles of banking and saving accounts. A set of books illustrating several days of business will be written.

151. Cost Accounting—Elective.

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—Elective.

A study of the underlying principles of salesmanship; the psychology of the making of a sale. Demonstration sales will be given from time to time by experts. An effort will be made to get some practical experience for the students of this course in the stores of Greeley.

207. Corporation Finance—Elective.

This course covers the organization and operation of a corporation, a study of stocks and bonds, the corporation charter, corporation laws of various states, and is intended to make the theory of corporation accounts clearer for the student.

208. Systems of Accounts—Elective.

A study of the various systems of accounts used in department stores, factories, insurance and brokerage companies, banks, etc.

209. Auditing—Elective.

The outline of an ordinary business audit, the duties and liability of the auditor, and a study and analysis of various statements and accounts.

210. Accounting Problems—Elective.

Practice problems in accounting to be solved by the students. Many of these problems will be taken from state examinations for Certified Public Accountants.

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.

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.

Romance Languages and Latin

EDWIN STANTON DU PONCET, Ph.D.

THOMAS F. KENNY, *Assistant in French*

Instructor in Latin and Spanish

A major in Romance languages requires four years in French, or in Spanish, and at least two years in Spanish or French. The student will be expected to speak the major language with fluency.

A Latin-Romance major will require four years of Latin and three years in either French or Spanish.

For the master's degree in Romance languages six years' work in the major language and three years in the minor and one year in Italian will be required. The thesis must be written in the language chosen as a major and defended in that language.

ROMANCE LANGUAGES

Two Years or Four Years

For high school teachers of French and Spanish, junior high schools and elementary schools teachers of French and Spanish.

Note: Students may specialize wholly in French or in Spanish.

First Year

Fall Quarter		Winter Quarter		Spring Quarter	
Biol. 2	3 hrs	Soc. 3	3 hrs	Ed. 8	3 hrs
French 1 or 5	4 hrs	French 2 or 6	4 hrs	French 3 or 7	4 hrs
Spanish 1 or 5	4 hrs	Spanish 2 or 6	4 hrs	Spanish 3 or 7	4 hrs
Elective	5 hrs	Ethics 1	1 hr	English 4	3 hrs
		Electives	4 hrs	Electives	2 hrs

Physical Education is required each quarter of the first and second years, with or without credit.

Second Year

Fall Quarter		Winter Quarter		Spring Quarter	
Psych. 2a	3 hrs	Psych. 2b	3 hrs	Pol. Sci. 30	3 hrs
Ed. 2	4 hrs	Ed. 10	3 hrs	French 10 or 15	4 hrs
French 5 or 8	4 hrs	French 6 or 9	4 hrs	Spanish 10 or 15	4 hrs
Spanish 5 or 8	4 hrs	Spanish 6 or 9	4 hrs	Ed. 2	4 hrs
Elective	1 hr	Elective	2 hrs	Elective	1 hr

Students may receive the Life Certificate on the completion of the above course.

Third Year

Fall Quarter		Winter Quarter		Spring Quarter	
Soc. 105	4 hrs	Psych. 104 or 105	4 hrs	Ed. 105	4 hrs
French 16	3 hrs	French 17	4 hrs	French 19	4 hrs
Spanish 16	3 hrs	Spanish 17	4 hrs	Spanish 19	4 hrs
French 105	2 hrs	Ed. 105	4 hrs	Electives	4 hrs

Fourth Year

Fall Quarter		Winter Quarter		Spring Quarter	
Psych. 108	4 hrs	Ed. 116	4 hrs	French 212	3 hrs
French 106 or		Spanish 108	4 hrs	Spanish 212	3 hrs
Spanish 106	4 hrs	Electives	9 hrs	Electives	6 hrs
Electives	8 hrs			Ed. 111	4 hrs

LATIN

For a Latin major, substitute all courses above listed in French and Spanish for the first two years for the following courses in Latin: Latin 1, Latin 5, Latin 9 for the first year and Latin 101, Latin 105, Latin 107 for the second year. Provision will be made for students to continue the study of Latin for the remaining two years after the completion of Latin 107.

FRENCH

1. First Year French—Four hours. Fall Quarter.

Le Premier Livre en Francais par Meras will be used as the basis of Grammar for this course.

2. First Year French—Four hours. Winter Quarter.

Le Second Livre pas Meras begun and completed.

3. First Year French—Four hours. Spring Quarter.

Reading and critical study of La Mare Au Diable, by Sand, and La Tulipe Noire, by Dumas. Systematic Review of French Grammar.

5. Intermediate French—Four hours. Winter Quarter.

The entire year's work for the second year will be devoted to Prosper Merimee as an introduction to the short and long story in French Literature. First term devoted to four short stories: Tamango, Mateo, Falcone, La Chambre Bleue and la Partie de Trictrac.

6. Intermediate French—Four hours. Fall Quarter.

Three of the longer novels by Merimee will be read: Les Ames du Purgatoire, Une Femme est Un Diabre and Ines Mendo.

7. Intermediate French—Four hours. Spring Quarter.

The reading and careful study of Las Venus d'Ille and Colomba as a complete appreciation of Merimee's prose and perfection as a novelist. Original compositions based on the text of Colomba will be required weekly.

16. Advanced French—Four hours. Fall Quarter.

Devoted to Victor Hugo. Ruy Blas and Hérnani with special attention to the origin and development of the romantic drama at the beginning of the nineteenth century. Conducted in French.

17. Advanced French—Four hours. Winter Quarter.

A continuation of Victor Hugo. Reading of Bug Jargal and Les Miserables. A compilation of the greater part of Hugo's epigrams as used in all of his works to be read during the year will be made by the class and classified according to importance and length.

19. Advanced French—Four hours. Spring quarter.

An extensive study of Victor Hugo as a lyric poet. Reading of "Odes et Ballades," Les Meditations and La Legende des Siecles.

106. Advanced French—Four hours. Fall Quarter.

Devoted to a selected number of short stories by Guy de Maupassant and Alfred de Vigny.

108. Advanced French—Four hours. Winter Quarter.

A bi-lingual course. Reading of Le Crime de Sylvestre Bonnard. All translation being done into Spanish and Spanish being used as the language of the class room. Prerequisite: two or more years in French and Spanish.

212. Advanced French Course—Four hours. Spring Quarter.

Devoted to Honore de Balzac and Les Cinq Scenes de la Comedie Humaine. An attempt will be made to arrange a list of all the various types of characters originated by Balzac, the greatest creator of characters in all literature, and these will be arranged alphabetically.

214, 216 and 220 are Graduate courses devoted to Montaigne's Essays, Voltaire's selected dramas and Malherbe and Rabelais, and will vary depending on the needs of those taking the work.

SPANISH

1. Elementary Spanish—Four hours. Fall Quarter.

Wilkin's Spanish Course and the reading of easy texts.

2. Elementary Spanish—Four hours. Winter Quarter.

Grammar completed, Pittaro's Spanish Reader begun.

3. Elementary Spanish—Four hours. Spring Quarter.

Pittaro's Spanish Reader completed and Henry's Easy Spanish Plays read and played by members of the class.

5. Intermediate Spanish—Four hours. Fall Quarter.

Devoted to Pedro de Alarcon's shorter stories. Much conversation and composition required.

6. Intermediate Spanish—Four hours. Winter Quarter.

The reading of several of the longer novels of Alarcon: *El Final de Norma*, and *El Sombrero de Tres Picos*. Original essays on chosen topics.

7. Intermediate Spanish—Four hours. Spring Quarter.

Devoted to the Literature of Mexico and Spanish America. *Bardan's Leyendas Mejicanas*, *Isaac's Maria* and *El Ultimo de Su Raza* (Du Poncet).

106. Advanced Spanish—Four hours. Fall Quarter.

Devoted to Jacinto Benevente as the leading living Spanish dramatist: *La Ciudad Alegre y Confada* and *Los Intereses Creados*.

108. Advanced Spanish—Four hours. Winter Quarter.

A bi-lingual course. Reading of *Pepita Jimenez* by Valera in French, making French the language of the class room. Original compositions in Spanish on selected subjects.

212. Advanced Spanish—Four hours. Spring Quarter.

Devoted to Tamayo y Baus, using *Un Drama Nuevo* as the standard of all his dramatic works. In this course special attention will be given in the adaptation and translation of dramatic works from all foreign languages into English.

214, 216, 220.

214, 216 and 220 are graduate courses dealing with the Golden Age of Spanish Literature, and will vary according to the preparation of the class.

Note: Classes in beginning Italian will be given on demand, provided that at least eight students enroll for same. Any Quarter.

LATIN.**Freshman Latin—Four hours. Fall Quarter.**

Latin 1. Livy, Books XXI and XXII, Latin prose composition.

Latin 5. Freshman College Latin—Four hours. Winter Quarter.

Devoted to Cicero's Philosophical Works. Advanced Latin Prose composition. The translation from English into Latin of some easy English prose work will be required.

Latin 9. Freshman College Latin—Four hours. Spring Quarter.

The Odes and Epodes of Horace. A study of Latin Manuscripts and a brief introduction to Releography.

Latin 101. Advanced Latin—Three hours. Fall Quarter.

The *Agricola* and *Germania* of Tacitus. The continued translation of some easy English prose work into Latin.

Latin 105. Advanced Latin—Three hours. Winter Quarter.

The Satires of Juvenal and some study of Historical Latin Grammar and Vulgar Latin.

Latin 105. Advanced Latin—Three hours. Spring Quarter.

The comedies of Plautus and Terence, with special attention made of the development of the theme of mistaken identity in the leading comedies of all nations.

Social Science

GURDON RANSOM MILLER, Ph.D.

EDGAR D. RANDOLPH, A.M.

This department offers a series of courses which it desires shall appeal to both the needs and ambitions of many students. The courses are liberal and varied in scope. Many of them will meet the immediate practical needs of teachers. Some of them are technical, and are intended for teachers and students of special subjects. Still others are advanced courses in social theory, or are practical studies in applied sociology.

Social Science deals with the knowledge on which true theory in Education must be based. It is equally essential in the training of high school and elementary teachers.

The major four-year course offered by this department is a superior opportunity for high school teachers, superintendents, principals, supervisors, and all students desiring liberal training in Modern Social thought and its inevitable effects on Education and human progress.

GROUP COURSE OF STUDY

Two Years or Four Years

For Teachers of Sociology, Economics, and History; Superintendents, Principals, Supervisors, and Students of Social Science

First Year

Fall Quarter		Winter Quarter		Spring Quarter	
Biol. 2	3 hrs	Soc. 3	3 hrs	Ed. 8	3 hrs
Soc. 1	4 hrs	Soc. 23	4 hrs	Geog. 8	4 hrs
Hist. 10	4 hrs	Hist. 11	4 hrs	Soc. 12	4 hrs
Lib. Sci. 1	1 hr	Eng. 4	3 hrs	Free Electives	4 hrs
Free Electives	4 hrs	Free Electives	2 hrs	Ethics 1	1 hr

Physical Education is required each quarter of the first and second years, with or without credit.

Second Year

Fall Quarter		Winter Quarter		Spring Quarter	
Psych. 2a	3 hrs	Psych. 2b	3 hrs	Pol. Sci. 30	3 hrs
Ed. 2	4 hrs	Ed. 10	3 hrs	Ed. 2	4 hrs
Soc. 18	3 hrs	Soc. 19	3 hrs	Soc. 24	3 hrs
Soc. 16	3 hrs	Pol. Sci. 12	4 hrs	Soc. 20	3 hrs
Free Electives	3 hrs	Free Electives	3 hrs	Free Electives	3 hrs

Students may graduate and receive the Life Certificate at the end of the two-year course as outlined above.

Third Year

Fall Quarter		Winter Quarter		Spring Quarter	
Soc. 105	4 hrs	Psych. 105 or 104	4 hrs	Psych. 108	4 hrs
Soc. 104	4 hrs	Soc. 106	4 hrs	Soc. 107	4 hrs
Economics 110	4 hrs	Soc. (elective)	4 hrs	Economics 111	4 hrs
Free Electives	4 hrs	Ed. 105	4 hrs	Soc. (elective)	4 hrs

Fourth Year

Fall Quarter		Winter Quarter		Spring Quarter	
Ed. 103	4 hrs	Ed. 116	4 hrs	Ed. 111	4 hrs
Soc. 108	4 hrs	Soc. 221	4 hrs	Soc. 230	4 hrs
Free Electives	4 hrs	Soc. 210	4 hrs	Soc. 300	4 hrs
		Free Electives	4 hrs	Free Electives	4 hrs

The above course of study is suggestive only.

1. Anthropology—Four hours. Fall Quarter.

The evolution of social ideas and institutions, the family, religion, government, law, art, and industry.

3. Educational Sociology—Three hours. Every Quarter. Required in first year.

A course giving (1) a background of information concerning origins and interrelations of present social problems; (2) a brief formulation of the methods of social progress; and making (3) a definite attempt to show the relation of education to the problems of control and progress.

12. Social Readjustment—Four hours. Spring Quarter.

This course offers an elementary study of how the processes of reconstruction may be applied to a considerable number of practical social problems. It isolates certain situations from the larger field and by a brief analysis of the factors in these attempts to stimulate the habit of thinking in terms of social cause and effect. This course should be useful to the elementary school teacher of history and civics.

16. Society and the Church—Four hours.

The social evolution of the church, and its changing relations to Society; new concepts in religious education.

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.

19. Urban Sociology—Four hours. Winter Quarter.

The modern city and its social problems.

20. The Distribution of Wealth—Four hours.

Changing modes of distribution, the varying proportion, tendencies in legislation, changing modes of taxation, effect of Social insurance.

23. Immigration and American Problems—Four hours. Winter Quarter.

A study of the changes in the population of the United States during the 19th century, and our resultant alien problems.

24. Child Welfare—Four hours. Winter Quarter.

This is a course in the growth and tendencies of the modern movement for the conservation of children. It begins by giving a view of the status of children in the past; passes to a consideration of the evolution of the child protection agencies in the United States; and deals finally with the present problems and tendencies in child welfare programs.

32. The Family—Four hours.

A very profitable study of the family from the standpoint of education, industry, ethics, and as a social unit. Desirable for teachers, but of great value to all students of either theoretical or practical Sociology. Closely related to Courses 22 and 24.

37. Labor and Society—Four hours.

A study of the laboring classes, development, places, privileges, and rights in society; and relation of workers to systems of industrial administration. Specially commended to teachers of industrial education, and students of economics. It correlates well with Courses 12, 107, 108, 19, and 27.

104. Social Theory—Two hours. Fall Quarter.

A brief history of Sociologic theory; a comparative study of modern social theory, and its relation to modern biologic science.

105. Social Institutions and Social Maladjustments—Four hours. Spring Quarter. Required in third year.

The relation of Sociology to Psychology; the evolution of mind as a Social progress, the Social emotional basis of mind and its development as a directive agent.

106. Principles of Social Progress—Two hours. Spring Quarter.

A study of the basic principles of social evolution and social progress, consideration of present social tendencies; and speculation as to future social control.

107. Privilege and Democracy—Four hours. Fall Quarter.

A study of special privilege in America in its relation to land and natural resources; monopolies in their relation to land holding; and a discussion of the single tax in comparison with other methods of control.

108. Social Insurance—Four hours. Winter Quarter.

Studies in the operation of social insurance in European countries, Australia, New Zealand, and the growth of the idea in America since 1912. It comprises social compensation for accidents, sickness, invalidity, unemployment, and old age.

110. Economics—Three hours. Fall Quarter.

A general course, touching all common phases of the Science of Economics.

111. Advanced Economics—Three hours. Spring Quarter

An intensive study of labor problems and economic organization; labor unions and legislation; corporation and public ownership, socialism; and modern changes-in taxation.

117. Women and Social Evolution—Four hours.

A study of the woman movement; its history; its economic and psychological significance; its possible effects on social progress; its relation to education, and its specific relation to the education of women.

127. Social Legislation—Four hours.

The term social legislation is intended to suggest a very recent development of purpose in legislative remedies. If it be true that in the past legislation has not only not anticipated bad conditions but has, rather, characteristically waited until evils reached dramatic proportions before being applied, the meaning of the course title will be perfectly clear. The course is to deal with the more purposive application of legislative remedies to existing social maladjustments—such as, for example, labor difficulties, housing and health problems, the liquor traffic, prostitution, city planning, and the like.

131. Modern Civilization and Its Social Tendencies—Three hours. Fall Quarter, alternate.

Hypernationalism; social negatives; the survival of pagan ideals; the need of economic, spiritual, ethical and religious revolutions.

132. Social Revolutions—Three hours. Spring Quarter, alternate.

A program of possible reconstruction of social values, and the development of social leadership thru some change of emphasis in Education.

200. Psychological Sociology—Four hours.

A study of the psychology of social relations, social organization, social changes, and impediments to social progress.

210. Methods of Social Research—Four hours.

A seminar for research study, including intensive work in social surveys.

211. Morals and Culture—Four hours.

A study of the evolution of morals, the development of ideas of culture, and the relation of these to modern theories of Education.

220. The Consumption of Wealth—Four hours.

An advanced course in Social Economics, a constructive analysis of the modern tendency to subject the consumption of wealth to scientific treatment, emphasizing the human costs of production versus the human utility of scientific consumption; a human valuation.

221. Social Economy—Four hours.

A course which shows the nature and extent of past social failures and the slow evolution from blind reaction to distress to more or less rational methods of control; and deals with the extensions of social concern to the fields of need felt most keenly.

229. Criminology—Four hours.

This course is a study of the relationship of the criminal to society—to social institutions and social organizations. Incidentally it will show the changing attitude of society toward the criminal, and the more important factors behind the change. The course is, however, mainly concerned with the present relations of the criminal in society and his treatment at the hands of society. The course intends to present the best modern thought in the various aspects of this field.

230. High School Course in Sociology and Economics—Four hours.

A course in materials and methods in elementary Sociology and Economics for high school teachers.

CATALOG OF STUDENTS
SCHOOL YEAR 1919-1920
Colorado State Teachers College
Fall, Winter and Spring Quarters

Acuff, Helen.....	Pueblo, Colo.
Akey, Nellie L.....	Windsor, Colo.
Alexander, Calvin.....	Greeley, Colo.
Alexander, Russel.....	Greeley, Colo.
Allan, Helen.....	Lafayette, Colo.
Allan, Frances L.....	Lafayette, Colo.
Allen, Lyla.....	New Raymer, Colo.
Allyn, Hester Ann.....	Fergus, Mont.
Alistott, Thos. J.....	Federal, Wyo.
Ammerman, Marie.....	Denver, Colo.
Anderson, Dagman.....	Greeley, Colo.
Anderson, Edith.....	Eaton, Colo.
Anderson, Eleanor.....	Eaton, Colo.
Anderson, Flora.....	Colorado Springs, Colo.
Anderson, Gladys.....	Greeley, Colo.
Anderson, Grace.....	Greeley, Colo.
Anderson, Henry M.....	Greeley, Colo.
Anderson, Rachel.....	Peyton, Colo.
Anderson, Ruth.....	Aspen, Colo.
Arfsten, Innle.....	Denver, Colo.
Arthur, Grace.....	Canon City, Colo.
Auger, Margaret.....	Central City, Colo.
Autrey, Jessie M.....	Greeley, Colo.
Ayres, Edith.....	Sterling, Colo.
Bacon, Dorothy.....	Boulder, Colo.
Bacon, Edmund O.....	Greeley, Colo.
Baker, Georgena.....	Greeley, Colo.
Barney, Elizabeth Chloe.....	Colorado Springs, Colo.
Barrett, Ethel.....	Colorado Springs, Colo.
Barrett, Helen.....	Denver, Colo.
Barrett, Lena.....	Colorado Springs, Colo.
Barrett, Maude.....	Colorado Springs, Colo.
Bast, Louise.....	Delta, Colo.
Bastow, Claude.....	Nunn, Colo.
Bates, Helen.....	Greeley, Colo.
Batschelet, Olive.....	Panora, Iowa
Baxter, Alfred.....	Greeley, Colo.
Beall Imogene A.....	Carpenter, Wyo.
Beattie, Mary.....	La Salle, Colo.
Becker, Bertha.....	Apache, Colo.
Beebe, Morna W.....	Ft. Collins, Colo.
Beggs, Leila.....	Greeley, Colo.
Bell, Florence.....	Nevada, Iowa
Bell, Jane.....	Nevada, Iowa
Bell, Maude H.....	Greeley, Colo.
Bellwood, Tom O.....	Greeley, Colo.
Benjamin, Rev. H. C.....	Ft. Lupton, Colo.
Benway, Dorothy M.....	Greeley, Colo.
Billing, Elizabeth.....	Lisbon, N. Dak.
Blair, Florence.....	Greeley, Colo.
Blanchard, Neal.....	Milton, Iowa
Bliss, Alice.....	Greeley, Colo.
Bonell, Hanna E.....	Greeley, Colo.
Boone, Esther.....	Greeley, Colo.
Bowden, Mary.....	Pagosa Springs, Colo.
Boyle, Carmen.....	Victor, Colo.
Bracewell, Helen.....	Hill City, Colo.
Bracewell, W. H.....	Greeley, Colo.
Brake, Lepha.....	Greeley, Colo.
Bressler, Evelyn V.....	Sterling, Colo.
Briggs, Agnes.....	Haswell, Colo.
Broda, Wilma.....	Greeley, Colo.
Brohl, Julia.....	Ashland, Kans.
Brown, Emily M.....	Central City, Colo.
Brown, Mrs. G. E.....	Falcon, Colo.
Brush, M. Frances.....	Greeley, Colo.
Brusha, Opal.....	Salida, Colo.
	Pierce, Colo.

Bryden, Helen	Carbondale, Illinois
Buck, Emily	Greeley, Colo.
Bulger, Lillian	Golden, Colo.
Bullock, Annie	Dallas, Texas
Bunker, Ada	Greeley, Colo.
Burbank, Fern	Longmont, Colo.
Burlien, Dorothy	Denver, Colo.
Burnison, Fay	Greeley, Colo.
Butler, Elizabeth	Craig, Colo.
Cage, Mary L.	Greeley, Colo.
Calvert, Alice	Des Moines, Iowa
Cameron, Margaret	Barr Lake, Colo.
Cameron, Stella	Colorado Springs, Colo.
Campbell, Agnes B.	Greeley, Colo.
Campbell, Vera	Greeley, Colo.
Carey, Lucy	Forbes, Colo.
Carney, Elizabeth	Greeley, Colo.
Carson, Cora Mae	Lamar, Colo.
Carter, Albert S.	Greeley, Colo.
Carter, Mildred	Colorado Springs, Colo.
Casey, Kathryn	Denver, Colo.
Challgren, Marguerite	Greeley, Colo.
Chesebro, Delta	Boulder, Colo.
Christensen, Grace	Kiowa, Colo.
Christopher, Ruth	Holly, Colo.
Churchill, India	Denver, Colo.
Clark, Edna	Rico, Colo.
Clark, Inez	Longmont, Colo.
Clark, Margaret	Englewood, Colo.
Clark, Myra L.	Scott City, Kans.
Clasbey, Elizabeth	Savannah, Mo.
Clauson, Walborg	Negaunee, Mich.
Cline, Evelyn	Brighton, Colo.
Clymer, Ethel	Mead, Colo.
Clyncke, Mary	Boulder, Colo.
Coffel, Mabel	Ft. Collins, Colo.
Cockerill, Ethel	Greeley, Colo.
Cohn, Ida	Trinidad, Colo.
Coler, Edith	Ft. Collins, Colo.
Collins, Ruth	Greeley, Colo.
Connellee, Gladys	Wheatridge, Colo.
Conway, Marie	Denver, Colo.
Cooke, Elbertine	Ft. Collins, Colo.
Coonrad, Mildred	Briggsdale, Colo.
Coontz, Helen	Goodrich, Colo.
Cooper, Elizabeth	Colorado Springs, Colo.
Cooper, Margaret	Colorado Springs, Colo.
Coppinger, Mayme	Mancos, Colo.
Corliss, Grace	Guffey, Colo.
Cornwell, Hope	Monte Vista, Colo.
Cox, Marian	Cedar Falls, Iowa
Craig, Mary	Greeley, Colo.
Cramer, Caryl	Loveland, Colo.
Crawford, Ethel	Greeley, Colo.
Crawford, Lila	Greeley, Colo.
Cribbs, Alda	Greeley, Colo.
Cribbs, Frances	Greeley, Colo.
Crie, Robert R.	Rock Springs, Wyo.
Crissey, Gladys	Colorado Springs, Colo.
Croft, Geraldine	Greeley, Colo.
Culp, Margaret	Alton, Oregon
Culver, Gladys	Montrose, Colo.
Cunningham, Isabel	Denver, Colo.
Curry, Ruth	Cripple Creek, Colo.
Daggett, Lillian	Loveland, Colo.
Dahl, Pearl	Lafayette, Colo.
Davenport, Exine	Greeley, Colo.
Davidson, Mabel	Douglas, Wyo.
Davis, Ethel G.	Boulder, Colo.
Davis, Grace	Colorado Springs, Colo.
Davis, Ida N.	Greeley, Colo.
Davis, Robert Y.	Greeley, Colo.
Day, Louise	Denver, Colo.
Dean, Marian	La Salle, Colo.
Dedrick, Helene	Greeley, Colo.
De Ford, Daley	Greeley, Colo.
Deibert, Genevieve	Florence, Colo.
Delbridge, Lucy B.	Greeley, Colo.
Dickey, Fern	Greeley, Colo.
Dickson, Dorothea	Brighton, Colo.
Diggs, Carrie Mae	Childress, Texas

Dillon, Mamie.....	Sioux City, Iowa
Dinsmore, Naomi L.....	Pueblo, Colo.
Dixon, Venice.....	Greeley, Colo.
Donelson, Hazel.....	Walden, Colo.
Doud, Mary.....	Longs' Peak, Colo.
Drake, Leurada.....	Greeley, Colo.
Drummond, Anna.....	Kersey, Colo.
Duling, Hazel D.....	Trinidad, Colo.
Duling, Julia.....	Trinidad, Colo.
Dunn, Irene.....	Greeley, Colo.
Dunn, M. Pearl.....	Stratton, Colo.
Durkin, Marjorie.....	Delta, Colo.
Dyde, Marjorie.....	Greeley, Colo.
Dyer, Helen.....	Pueblo, Colo.
Eagleton, W. H.....	Denver, Colo.
Eaton, Alice B.....	Greeley, Colo.
Elliott, Louise.....	New York City
Elam, Fern.....	Greeley, Colo.
Elam, Velma.....	Greeley, Colo.
Engel, Anna.....	Rico, Colo.
Ensign, Elizabeth.....	Greeley, Colo.
Ethelds, Carl.....	Greeley, Colo.
Eyler, Mrs. Shirley.....	Denver, Colo.
Farrell, Victor.....	Greeley, Colo.
Fenton, Mrs. Ada.....	Denver, Colo.
Fenton, Helen.....	Denver, Colo.
Ferguson, Bessie I.....	Brighton, Colo.
Fetz, Edith.....	Hotchkiss, Colo.
Fisher, G. N.....	Greeley, Colo.
Fitzmorris, A. E.....	Greeley, Colo.
Fitzmorris, Geo. D.....	Greeley, Colo.
Fitzmorris, Myra.....	Greeley, Colo.
Fleming, Mrs. Zella.....	Greeley, Colo.
Fletcher, Kate.....	Loveland, Colo.
Flitner, Anna.....	Greeley, Colo.
Flitner, Geraldine.....	Greybull, Wyo.
Flitner, Howard.....	Greybull, Wyo.
Flood, Helen.....	Greeley, Colo.
Ford, Mollie.....	Las Animas, Colo.
Forsythe, Winifred.....	Denver, Colo.
Fortune, Ruby.....	Keota, Colo.
Forward, Grace.....	Greeley, Colo.
Forward, Shelby D.....	Greeley, Colo.
Foster, Hazel.....	Montrose, Colo.
Francia, Theresa.....	Louisville, Colo.
Friedman, Julia.....	Denver, Colo.
Frink, Edith.....	Hayden, Colo.
Frink, Margaret.....	Denver, Colo.
Fuller, Mary A.....	Denver, Colo.
Gale, Jessie.....	Greeley, Colo.
Gannon, Mary K.....	Buhl, Idaho
Gard, Wilhelmenia.....	Loveland, Colo.
Gardner, Eleanor.....	Greeley, Colo.
Gardner, Martha.....	Denver, Colo.
Gates, Virginia.....	Denver, Colo.
Gibson, Berna.....	Greeley, Colo.
Gilbert, Jeanette.....	Colorado Springs, Colo.
Gill, Helen.....	Ft. Morgan, Colo.
Gill, Lucille.....	Ft. Morgan, Colo.
Gilpin-Brown, Frances.....	Greeley, Colo.
Gish, Orletha.....	Eads, Colo.
Ginsburg, Rose.....	Greeley, Colo.
Glafcke, Catherine.....	Greeley, Colo.
Gordon, Grace.....	Pueblo, Colo.
Goselin, Nellie M.....	Greeley, Colo.
Goulette, Mrs. J. D.....	Greeley, Colo.
Grant, Arthur.....	Evans, Colo.
Graves, J. Earl.....	Greeley, Colo.
Greenamyre, Katherine.....	Greeley, Colo.
Greene, Lucy E.....	Greeley, Colo.
Greer, Lois.....	Greeley, Colo.
Gregg, Neva.....	Longmont, Colo.
Gregory, Grace.....	Harlan, Iowa
Gregory, Ruth.....	Harlan, Iowa
Guiles, Mildred.....	Greeley, Colo.
Gustafson, Eleanor.....	Red Oak, Iowa
Haefel, Bertha.....	Freeport, Illinois
Halt, Stena.....	Greeley, Colo.
Hall, Ila.....	Greeley, Colo.
Hamlin, Helen.....	Otis, Colo.

Hamilton, Catherine.....	Denver, Colo.
Hamilton, Vera.....	La Salle, Colo.
Hammond, Dolores.....	Paonia, Colo.
Handy, Gladys.....	Greeley, Colo.
Hanson, Margaret.....	Kutch, Colo.
Harper, C. Roy.....	Greeley, Colo.
Harrington, Abbie.....	La Salle, Colo.
Hart, Ida Mae.....	Golden, Colo.
Hause, Alice M.....	Ft. Lupton, Colo.
Harvey, Abigail.....	Flagler, Colo.
Hawkins, Ina.....	Florence, Colo.
Hayes, Nellie D.....	Greeley, Colo.
Hays, Helen.....	Greeley, Colo.
Haywood, Ada E.....	Denver, Colo.
Healey, Mrs. Ruth M.....	Denver, Colo.
Hebb, Marie.....	Roswell, N. M.
Heffron, Marie.....	Victor, Colo.
Hemlepp, Emma.....	Greeley, Colo.
Hereford, Anita.....	Ft. Lupton, Colo.
Herefurth, Alma.....	Freemont, Nebr.
Herrington, Carolyn.....	Pierce, Colo.
Hewes, Geo. V.....	Greeley, Colo.
Hewitt, Elsie.....	Greeley, Colo.
Hiatt, Irene.....	Canon City, Colo.
Hill, Hazel G.....	Greeley, Colo.
Hinds, Archie.....	Sedgwick, Colo.
Hobbs, Anna.....	Erie, Colo.
Holmes, Leona.....	Hurdland, Mo.
Holmes, Mossie.....	Muskogee, Okla.
Horner, Marian.....	Eaton, Colo.
Howard, Ala.....	Greeley, Colo.
Howard, Edith.....	Breckenridge, Colo.
Howard, Frances.....	Ft. Collins, Colo.
Howarth, Marion.....	Greeley, Colo.
Howarth, Ralph.....	Greeley, Colo.
Howlett, Virginia.....	Delta, Colo.
Hubbard, Velma.....	Calcite, Colo.
Hunt, Harry E.....	Greeley, Colo.
Hunt, Raymon H.....	Greeley, Colo.
Hurford, Laura.....	Pueblo, Colo.
Hurianek, Vlasta.....	Jarosa, Colo.
Ingle, Erle B.....	Greeley, Colo.
Irish, Mrs. Esther W.....	Fon du lac, Wis.
Irvin, George A.....	Sanford, Colo.
Irwin, Viva.....	Canon City, Colo.
James, Leota.....	Greeley, Colo.
Jamieson, Elsie.....	Cheyenne, Wyo.
Jansson, Mrs. Helen.....	Greeley, Colo.
Johnson, Dorothy.....	Greeley, Colo.
Johnson, Ella.....	Canon City, Colo.
Johnson, Elva E.....	Penrose, Colo.
Johnson, Faye.....	Greeley, Colo.
Johnson, Gladys.....	Greeley, Colo.
Johnson, Helen E.....	Georgetown, Colo.
Johnson, Maude.....	Colorado Springs, Colo.
Jones, Mrs. H. M.....	Greeley, Colo.
Jones, Helen.....	Greeley, Colo.
Jones, James R.....	Evans, Colo.
Jones, Mrs. Mollie.....	Evans, Colo.
Joyce, Jennie E.....	Central City, Nebr.
Kearns, Ellen.....	Boulder, Colo.
Kelley, Bernice.....	Greeley, Colo.
Kelly, Floyd.....	Nunn, Colo.
Kelly, J. Blanche.....	Greeley, Colo.
Kendel, Josephine.....	Greeley, Colo.
Kennedy, Hazel.....	Greeley, Colo.
Kennedy, Pearl.....	Greeley, Colo.
Kenny, Thomas F.....	Greeley, Colo.
Kerin, Susie.....	Denver, Colo.
Key, Verdabelle.....	Sopris, Colo.
Keyes, Margaret Joy.....	Greeley, Colo.
Keys, Edwin.....	Greeley, Colo.
Kidd, Mamie.....	La Salle, Colo.
Killian, Katherine.....	Dacona, Colo.
Kimball, Hattie.....	Greeley, Colo.
Kimball, Miriam.....	Boulder, Colo.
Kincaid, Laura.....	Le Veta, Colo.
Kinder, Esther.....	Ft. Lupton, Colo.
Kirby, Marjorie.....	Georgetown, Colo.
Kirk, John.....	Greeley, Colo.

Klein, Everett	Greeley, Colo.
Knies, W. L.	Flagler, Colo.
Knoll, Julia	Delta, Colo.
Knoll, Julia	Rico, Colo.
Koencke, Lora	Ft. Morgan, Colo.
Landgraf, Emily	Denver, Colo.
Larson, Mildred	Grover, Colo.
Lawrence, Carl	Greeley, Colo.
Leaver, Irma	Aspen, Colo.
Leazer, Florence	Havelock, Colo.
Leigh, Frances	Jerseyville, Illinois
Lepel, Charlotte	Vilas, Colo.
Letez, Yvonne	Basalt, Colo.
Lewis, Ione	La Junta, Colo.
Lewis, Jane	Florence, Colo.
Lilly, Cleola	Casper, Wyo.
Link, Isa	Glenwood Springs, Colo.
List, Wilma L.	Denver, Colo.
Lobdell, Gertrude	Greeley, Colo.
Lovern, Ruth	Pueblo, Colo.
Lowell, Mrs. Florence	Farmington, Maine
Lyden, Katherine	Butte, Mont.
Lynch, Agnes	Denver, Colo.
Lyon, Florence	Carbondale, Colo.
McAllister, Nell	Greeley, Colo.
McAloon, Anna	Akron, Colo.
McCarty, Edna	Washington, Iowa
McChesney, Bessie	Allison, Colo.
McCollum, Edith	Evans, Colo.
McConnell, W. J. Mrs.	Denton, Texas
McCorkle, Dee	Greeley, Colo.
McCutcheon, Marjorie	Greeley, Colo.
McDaniel, Martha	Florence, Colo.
McDaniel, Oralee	Fruita, Colo.
McDonald, Minnie	Canon City, Colo.
MacFarlane, Anna Mae	Coalmont, Colo.
McGuirk, Mary	Glenwood Springs, Colo.
McKinstry, Mildred	Greeley, Colo.
McLeod, Lida	Central City, Colo.
McNew, Elsie	Hugo, Colo.
McMurdo, Mrs. W. F.	Greeley, Colo.
McQuiston, Pauline W.	Rinichmond, Ind.
McVey, J. P.	Adena, Colo.
McWhorter, Fanny	Masonville, Colo.
McWhorter, Irene	Arvada, Colo.
Mack, Lois	Greeley, Colo.
Madarasz, Irma	Denver, Colo.
Malicky, Tillie	Oketo, Kans.
Marker, N. D.	La Veta, Colo.
Mars, Elsie	Denver, Colo.
Martin, Alice	Greeley, Colo.
Martin, Bula	Des Moines, Iowa
Martin, Esther	Monte Vista, Colo.
Mason, Florence	Greeley, Colo.
Matchett, Edward	Trempealeau, Wis.
Mathias, Harvey D.	Greeley, Colo.
Mauzey, Esther	Greeley, Colo.
Maxey, Imogene	Greeley, Colo.
Mayhew, Ida	Colorado Springs, Colo.
Mayor, Mary	Broomfield, Colo.
Meacham, Rena	Salida, Colo.
Michell, Florence	Denver, Colo.
Meller, Melba	Durango, Colo.
Meltzer, Ada	Ames, Iowa
Meyers, Velma	Greeley, Colo.
Miller, Geneva	Ft. Collins, Colo.
Miller, Marie	La Junta, Colo.
Miller, Wilma	Colorado Springs, Colo.
Mills, Rae	Ignacio, Colo.
Miner, Zada E.	Jackson, Mich.
Mitchell, Helen	Jackson, Colo.
Monell, Mabel	Montrose, Colo.
Monroe, Myrtle	Denver, Colo.
Monsch, Hester	Pueblo, Colo.
Moon, Addie	Golden, Colo.
Moore, Rhoda	Greeley, Colo.
Moorehouse, Essie	Canon City, Colo.
Morgason, Mildred	San Miguel, Colo.
Morris, Dorothy	Greeley, Colo.
Morris, Helen	Greeley, Colo.
Morris, Marguerite	Greeley, Colo.

Morrison, Bessie.....	Colorado Springs, Colo.
Morrison, Mrs. W. F.....	Greeley, Colo.
Moss, Susannah.....	Greeley, Colo.
Mraz, Dorothy.....	Colorado Springs, Colo.
Muerman, Ethel.....	Greeley, Colo.
Muldoon, Margaret.....	Corley, Iowa
Munger, Mrs. Jessie.....	Greeley, Colo.
Myers, Mada B.....	Mankato, Kansas
Myers, Plesay.....	Hoehne, Colo.
Nelson, Lee C.....	Maywood, Nebr.
Nesbit, Ora.....	Colorado Springs, Colo.
Nickels, Winnona.....	Denver, Colo.
Nickles, Frances.....	Hays, Kans.
Nickolson, Inez.....	Arvada, Colo.
Nims, Val.....	Greeley, Colo.
Nance, Dorothy.....	Durango, Colo.
Nitzsche, Augusta.....	Montrose, Colo.
Norman, Ruby.....	Canon City, Colo.
Noris, Lena.....	Denver, Colo.
Norton, Mabel.....	Rocky Ford, Colo.
Nunemaker, Addie.....	Brighton, Colo.
Nussbaum, Agnes.....	Greeley, Colo.
Olinger, Ethel.....	Greeley, Colo.
Olson, Nettie.....	Red Oak, Iowa
Ordonez, David E.....	Phillipine Islands
Organ, Ellen.....	Rico, Colo.
Orndorff, Bernice.....	Indianapolis, Ind.
O'Toole, Clare E.....	Denver, Colo.
Otten, Gertrude.....	Brandon, Colo.
Overton, Ruth.....	Colorado Springs, Colo.
Oviatt, Eleanor.....	Loveland, Colo.
Paine, Ella.....	Byers, Colo.
Parker, Julia.....	Grover, Colo.
Parson, Gail.....	Denver, Colo.
Patton, Ethel.....	Buena Vista, Colo.
Patton, Jessie.....	Buena Vista, Colo.
Perkins, Maurie.....	Greeley, Colo.
Peterson, Mrs. Elmore.....	Greeley, Colo.
Peterson, Grace A.....	Greeley, Colo.
Peterson, Mabel.....	Hotchkiss, Colo.
Petit, Obera.....	Greeley, Colo.
Phelps, Chester.....	Greeley, Colo.
Phenix, Florence.....	Greeley, Colo.
Phillips, Bess.....	Cripple Creek, Colo.
Phippeny, Lucille.....	Greeley, Colo.
Phippeny, Mary.....	Greeley, Colo.
Phippeny, Walter.....	Greeley, Colo.
Pickard, Ernest L.....	Greeley, Colo.
Pickett, Mrs.....	Greeley, Colo.
Pierce, Lulu.....	Greeley, Colo.
Poole, Gladys.....	Greeley, Colo.
Potter, Clarice.....	Arvada, Colo.
Potter, E. C.....	Denver, Colo.
Pragst, Augusta.....	New Orleans, La.
Pratt, Alda.....	Grand Valley, Colo.
Prescott, Blake D.....	Bethel, Conn.
Preston, Harold.....	Greeley, Colo.
Prewitt, Hattie O.....	Ft. Worth, Texas
Price, S. Wesley.....	Greeley, Colo.
Priddy, Ina.....	Pierce, Colo.
Priddy, Mildred.....	Pierce, Colo.
Proctor, Addie.....	Loveland, Colo.
Proctor, Herbert.....	Greeley, Colo.
Prunty, Iona E.....	Greeley, Colo.
Prunty, Lloyd.....	Greeley, Colo.
Pryor, Gladys.....	Aspen, Colo.
Pumphrey, Grace.....	Pickham, Colo.
Queary, Sarah.....	Greeley, Colo.
Queen, Mary.....	Denver, Colo.
Quinby, Grace.....	Ft. Collins, Colo.
Raichart, Leona.....	Delta, Colo.
Raines, Ina.....	Greeley, Colo.
Ramey, Lydia.....	Brighton, Colo.
Rardin, Maybelle.....	Colorado Springs, Colo.
Ream, Mary.....	Greeley, Colo.
Reese, Ruth.....	Longmont, Colo.
Rehn, Edna.....	Denver, Colo.
Rehn, Violet.....	Denver, Colo.

Reid, Beneta.....	Dearbourn, Mo.
Reuler, Harriet.....	Greeley, Colo.
Reynolds, Frances.....	Greeley, Colo.
Rhinehart, Josephine.....	Fountain, Colo.
Rice, Gladys P.....	Denver, Colo.
Rienks, Maude.....	Greeley, Colo.
Rightmire, Thelma.....	Pickham, Colo.
Roark, May.....	Denver, Colo.
Roberts, Loise.....	Greeley, Colo.
Robson, Eloise.....	Byers, Colorado
Roman, Selma.....	Aspen, Colo.
Root, Elizabeth.....	Longmont, Colo.
Rose, Lila Mae.....	Greeley, Colo.
Rossiter, Agnes.....	Butte, Mont.
Routh, Jewell.....	Wiley, Colo.
Rudel, Helen.....	Fleming, Colo.
Russell, Floreta.....	Greeley, Colo.
Ruth, Lela.....	Greeley, Colo.
Salle, Lorene.....	Tiffany, Colo.
Sanstead, Floyd.....	Willard, Colo.
Sargent, Mary.....	Roggen, Colo.
Saunders, Lee.....	Boulder, Colo.
Schaefer, Mildred.....	Greeley, Colo.
Schlessman, Lola.....	Colorado Springs, Colo.
Schoonmaker, Gertrude.....	Greeley, Colo.
Seacat, Dona.....	Ashland, Kans.
Search, Paul M.....	Kingston, Penn.
Seaton, Vida.....	Dumont, Colo.
Seem, Adele.....	Bangor, Penn.
Senter, Faith.....	Denver, Colo.
Serafini, Elvira.....	Denver, Colo.
Shanley, Theresa.....	Pinedale, Wyo.
Shattuck, Lucille.....	Greeley, Colo.
Shea, Cecelia.....	Yuma, Colo.
Sheridan, Margaret.....	Denver, Colo.
Sherman, Carolyn.....	Sedgwick, Colo.
Shipman, Manilla.....	Colorado Springs, Colo.
Shultis, Alice.....	Greeley, Colo.
Shultis, Esther.....	Greeley, Colo.
Sickels, Cora.....	Hillrose, Colo.
Silver, Marie.....	Lamar, Colo.
Slockett, Florence.....	Greeley, Colo.
Smille, Dorothy.....	Greeley, Colo.
Smith, Anna.....	Lamar, Colo.
Smith, Eric A. C.....	Greeley, Colo.
Smith, Lucy C.....	Colorado Springs, Colo.
Smith, Mary G.....	Loveland, Colo.
Smith, Ralph.....	Greeley, Colo.
Smith, Winifred.....	Denver, Colo.
Snook, Mern.....	Greeley, Colo.
Staley, Hazel.....	Colorado Springs, Colo.
Stanley, Gertrude.....	Greeley, Colo.
Stansfield, Laura.....	Denver, Colo.
Steidley, Mildred.....	Ft. Collins, Colo.
Stepp, Ruth.....	Chillicothe, Mo.
Sterling, Avis.....	Hugo, Colo.
Stevenson, Jessica.....	Simla, Colo.
Stimson, Helen.....	Greeley, Colo.
Stone, Geneva.....	Eaton, Colo.
Stough, Viola.....	Canon City, Colo.
Straley, Fae.....	La Salle, Colo.
Strayer, Bertha E.....	Salida, Colo.
Strock, Eileen.....	Portland, Colo.
Stutheit, Marie.....	Lafayette, Colo.
Summer, Ruth.....	Greeley, Colo.
Svedman, Hattie Mae.....	Windsor, Colo.
Swallow, Grace M.....	Greeley, Colo.
Sweeny, Mrs. Hattie.....	Greeley, Colo.
Syp, Louise.....	Lamar, Colo.
Taggart, Winifred.....	Eaton, Colo.
Talbot, Ruth.....	Longmont, Colo.
Taylor, Abbie L.....	Bayfield, Colo.
Taylor, Mattie.....	Valdez, Colo.
Tenny, Jos. L.....	Pueblo, Colo.
Theys, Henrietta.....	Denver, Colo.
Thomas, Mae.....	Colorado Springs, Colo.
Thompson, Howard.....	Greeley, Colo.
Thompson, Marion.....	Greeley, Colo.
Thompson, Petra.....	Kiowa, Colo.
Thorene, Selma.....	Sharon Springs, Colo.
Tobey, Martha M.....	Stoughton, Mass.

Todd, Katherine.....	Greeley, Colo.
Toffler, Mrs. Grace.....	Greeley, Colo.
Topping, R. C.....	Greeley, Colo.
Torgas, Ida N.....	Aurora, Colo.
Townsend, Willa.....	Byers, Colo.
Travis, Raymond.....	Colorado Springs, Colo.
Tregoning, Joe.....	Greeley, Colo.
Tuffin, Emma H.....	Delta, Colo.
Turner, Willie.....	Ignacio, Colo.
Tyler, Ruth.....	Casper, Wyo.
Udick, Phyllis.....	Victor, Colo.
Van Devender, Neva.....	Greeley, Colo.
Van Why, Susie.....	Dover, Colo.
Van Wyke, Nellie.....	Greeley, Colo.
Vezzetti, Antoinette.....	Rock Vale, Colo.
Wadsworth, Syrena.....	Greeley, Colo.
Wagner, Evelyn.....	Greeley, Colo.
Waldhouser, Dorothy.....	Greeley, Colo.
Waldhouser, Esther E.....	Greeley, Colo.
Waldron, Mary G.....	Leadville, Colo.
Walker, Bonny.....	Ordway, Colo.
Walsh, Mabel.....	Greeley, Colo.
Walsh, Nellie.....	Pueblo, Colo.
Warberg, Celia.....	Loveland, Colo.
Warren, Mary.....	Gill, Colo.
Watts, Ema.....	Monument, Colo.
Webb, Florence.....	Milliken, Colo.
Weedon, Lillian.....	Greeley, Colo.
Weichhand, Ada.....	Penrose, Colo.
Wells, Mabel.....	Greeley, Colo.
Welsh, Edna F.....	Greeley, Colo.
Weseman, Ada.....	Greeley, Colo.
Whatley, C. A.....	Dallas, Texas
Wheatley, Lois.....	Grand Valley, Colo.
Wheaton, Anna.....	Greeley, Colo.
Wheaton, Esther.....	Greeley, Colo.
Whetsel, Mildred.....	Pueblo, Colo.
White, Mary.....	Colorado Springs, Colo.
Willey, Helen.....	Sheridan, Colo.
Williams, Arta.....	Greeley, Colo.
Williams, Edythe Jo.....	Sciotoville, Ohio
Williams, Horace.....	Greeley, Colo.
Williams, Mrs. H. M.....	Greeley, Colo.
Williams, Lois.....	Greeley, Colo.
Williams, Mildred.....	Victor, Colo.
Williams, Stella.....	Greeley, Colo.
Williams, Urias.....	Greeley, Colo.
Willison, Carrie.....	Roswell, N. M.
Wills, Maude.....	Greeley, Colo.
Willson, Ruth.....	Rock Springs, Wyo.
Wilson, Frances.....	Folsom, N. M.
Wilson, Gertrude.....	Denver, Colo.
Wilson, Ivy.....	Greeley, Colo.
Wilson, Olive.....	Delta, Colo.
Wilson, Reita.....	Rothville, Mo.
Winn, Eleanor M.....	Dallas, Tex.
Wisecarver, Zaida.....	Fairfield, Iowa
Wogan, Margaret.....	Cripple Creek, Colo.
Wolf, Florence.....	Grand Junction, Colo.
Wolfer, Margaret.....	Ft. Collins, Colo.
Wonder, Genevieve.....	Montrose, Colo.
Wood, Frances.....	Montrose, Colo.
Wood, R. F.....	Dayton, Pa.
Worley, R. J.....	Colorado Springs, Colo.
Worley, Ruby.....	Colorado Springs, Colo.
Wright, Edna F.....	Greeley, Colo.
Wylde-Brown, Gladys.....	Friend, Nebr.
Yancey, Mildred.....	Colorado Springs, Colo.
Yates, E. O.....	Greeley, Colo.
Yingst, Ina L.....	Hugo, Colo.
Youberg, Grace.....	Denver, Colo.
Young, Mary.....	Arickare, Colo.
Zigler, Margaret.....	Wiley, Colo.

SUMMER QUARTER

1920

Adams, Doris.....	Eastlake, Colo.
Adams, Mary L.....	215 E. 11th Ave., Denver, Colo.
Adolph, Jacob.....	Greeley, Colo.
Agerton, Mollie.....	Fort Worth, Texas
Alexander, Calvin.....	Greeley, Colo., R. 1
Alexander, Elizabeth.....	317 Broadway, Pueblo, Colo.
Alexander, Zadie.....	Box 211, Miami, Ariz.
Alford, Etta.....	Hico, Texas
Aiken, Georgia.....	2896 Erie, Cincinnati, O.
Aikman, Parlee.....	Marion, Illinois
Allen, Lyla.....	New Raymer, Colo.
Allen, Henry V.....	Otis, Colo.
Allison, Grace E.....	684 S. Smiola, Denver, Colo.
Allman, Richard.....	3232 York, Denver, Colo.
Allman, William.....	3232 York, Denver, Colo.
Allison, Esther.....	Walsenburg, Colo.
Allstott, Thos. J.....	Federal, Wyo.
Alt, Pearl.....	Brighton, Colo.
Amick, Irene.....	Meeker, Colo.
Ammerman, Marie.....	1852 Logan, Denver, Colo.
Anderson, Alfred P.....	Kendrick, Colo.
Anderson, Flora A.....	110 Cheyenne Blvd., Colorado Springs, Colo.
Anderson, Hazel.....	Aspen, Colo.
Anderson, Marcelene.....	Montrose, Colo.
Anderson, Minta.....	Burgs, Wyo.
Anderson, Sallie.....	Oklahoma City, Okla.
Angell, Mary.....	Ault, Colo.
Ankeny, Florence.....	1858 12th Ave., Greeley, Colo.
Arfsten, Innle.....	3705 Wolff, Denver, Colo.
Arkwright, Charlotte.....	Colorado Springs, Colo.
Arkwright, Evelyn.....	Colorado Springs, Colo.
Arnett, Irene.....	Carbinville, Illinois
Arozna, Frances.....	1201 N. El Paso, El Paso Texas
Ash, Joy.....	Savery, Wyo.
Ashby, Carrie M.....	Greeley, Colo., 920 10 th St.
Ashbrook, Bella.....	1008 Lincoln, St. Joseph, Mo.
Askins, Lila.....	1943 8th Ave., Greeley, Colo.
Ausman, Gladys M.....	Eau Claire, Wis., 706 Babcock St.
Alberts, Margaret.....	Shaw, Colo.
Babbitt, Alice H.....	Denver, Colo.
Baker, Rachel J.....	Morrison, Colo.
Bachman, Rosa E.....	Akron, Colo.
Baier, Bertha Catherine.....	Ainsworth, Nebr.
Ball, Katherine.....	3045 W. Clyde, Denver, Colo.
Bailey, Enola.....	Bay Village, Ohio
Baker, W. E.....	Telluride, Colo.
Baker, Zula J.....	Eads, Colo.
Baldwin, F. H.....	1409 7th Ave., Greeley, Colo.
Bappert, Aneita.....	Telluride, Colo.
Bardwell, Mrs. Belle.....	Anaheim, Calif.
Barger, Ted.....	Wray, Colo.
Barkhausen, Frances.....	3917 Inca, Denver, Colo.
Barber, Jannie.....	2290 Cherry, Denver, Colo.
Barbour, Lillian.....	Wheatridge, Colo.
Barnard, Floy.....	Johnstown, Colo.
Barnett, Myrtle.....	2002 Ave. A., Council Bluffs, Iowa
Barnhardt, Ethel Ellen.....	Erie, Colo.
Barrick, Helen.....	615 N. 23rd, St., St. Joseph, Mo.
Barry, Helen Ann.....	Horton, Kans.
Bartley, Daisy.....	Council Bluffs, Iowa
Bashford, Fannie.....	Haigler, Nebr.
Bashor, Esta M.....	Lyons, Colo.
Basquin, Viola.....	Laird, Colo.
Bass, Vesper.....	Greeley, Colo.
Bate, Helen L.....	642 Grant, Denver, Colo.
Batschelet, Ethel.....	Greeley, Colo.
Batschelet, Olive.....	Panora, Iowa
Baxter, Elizabeth.....	Trinidad, Colo.
Baxter, Isabella.....	Trinidad, Colo.
Beals, Mildred.....	1408 S. Acoma, Denver, Colo.
Beamer, Clara.....	Hurley, Idaho
Beattie, Annie.....	3906 Holland, Dallas, Texas

Beattie, J. F.	724 N. 4th, Montrose,	Colo.
Beattie, Alva	Atchison,	Kans.
Bechtolt, Nora	Nunn,	Colo.
Becker, Elizabeth	Eaton,	Colo.
Becker, Lillie C.	956 Santa Fe, Denver,	Colo.
Been, Ruth	1117 11th Ave., Greeley,	Colo.
Been, Mattie T.	Brandon,	Colo.
Beer, Luella	Arlington,	Colo.
Behm, Mrs. Ethel	Creede,	Colo.
Bejach, Maurice D.	Colorado Springs,	Colo.
Bejach, Mrs. Maurice D.	Colorado Springs,	Colo.
Bell, Erie	Topeka,	Kans.
Bell, Florence	Nevada,	Iowa
Bell, Jane	Nevada,	Iowa
Bell, Gannet	Strong,	Colo.
Bell, Ruby	Walsenburg,	Colo.
Bell, Vela	San Marcos,	Texas
Bench, Ruth	1339 Cartaret, Pueblo,	Colo.
Bent, Laura	Berwind,	Colo.
Bennett, Leo H.	Clinton,	Okla.
Bennett, T. Ralph	Dolores,	Colo.
Benson, Philomene	Greeley,	Colo.
Bentley, Iva	Republic,	Kans.
Bentley, Stella M.	428 W. Orman, Pueblo,	Colo.
Bentert, Alma	Leadville,	Colo.
Berg, Geortia A.	Ordway,	Colo.
Berkovitz, Rose	1214 Pine, Pueblo,	Colo.
Bekerner, W. C.	Yuma,	Colo.
Berninger, Marie E.	Delta,	Colo.
Berry, Georgia Mrs.	Vinita,	Okla.
Biebush, Beatrice	Greeley,	Colo.
Biebush, F. Calvin	Greeley,	Colo.
Bishop, Bernice	Golden,	Colo.
Bishop, Ida Flo	Greeley,	Colo.
Bruce, Hilna B.	Clear Creek,	Colo.
Blackler, Ronald C.	1045 Lincoln, Denver,	Colo.
Blair, Florence	R. 2, Greeley,	Colo.
Blair, Mary E.	Cripple Creek,	Colo.
Blair, Mildred E.	Greeley,	Colo.
Blair, Pauline	Eads,	Colo.
Bliss, Lillian	Greeley,	Colo.
Bloomberg, Jennie	Leadville,	Colo.
Bloomberg, Helen	Leadville,	Colo.
Bond, May	Sherman,	Texas
Boge, Mabel E.	Denver,	Colo.
Bond, Myrtle	Edgewater,	Colo.
Booco, Irene	Steamboat Springs,	Colo.
Booth, Eva L.	Wallingford,	Conn.
Bovee, Mabel	Sugar City,	Colo.
Boone, Esther	Pagosa Springs,	Colo.
Boone, Mrs. S. H.	Pagosa Springs,	Colo.
Bosley, Bertha M.	Colorado Springs,	Colo.
Bourk, Ellen	Victor,	Colo.
Bowden, Helen	Grenola, Kansas	
Bowles, Bess J.	Rawlins, Wyo.	
Boyd, Evelyn	Eads,	Colo.
Boyd, Lucy	Ft. Worth, Texas	
Boyle, Carmen	1945 9th Ave., Greeley,	Colo.
Boyle, Frances A.	Trinidad,	Colo.
Boyer, Ruth	Greeley,	Colo.
Boyle, Helen T.	Trinidad,	Colo.
Boyer, Ruth	Greeley,	Colo.
Bradford, Scott M.	Woodrow, Wash.	
Brady, Mayme E.	Fort Lupton,	Colo.
Brandon, Elizabeth	Otis,	Colo.
Bramkamp, Ethel	3440 Madison, Denver,	Colo.
Brannan, Mertice	Central City,	Colo.
Branson, Daisy	Oak Creek,	Colo.
Brawley, Nelle	Ft. Morgan,	Colo.
Brehm, Dorothea	Wichita, Kansas	
Brehm, Matilda	Wichita, Kansas	
Briggs, Agnes	Greeley,	Colo.
Briggs, Elsie	Antioch, Calif.	
Briggs, Georgia	Wray,	Colo.
Brown, Ethel	Colorado Springs,	Colo.
Broadbent, Bettie L.	Burley, Idaho	
Broege, Orpha	Colorado Springs,	Colo.
Brown, Florence	New Raymer,	Colo.
Brown, Crosby L.	Colorado Springs,	Colo.
Brown, Julia M.	1829 Franklin, Denver,	Colo.
Brown, Nora	Inland, Nebr.	
Bruce, Helen	Paonia,	Colo.
Brown, Mrs. T. S.	Kearney, Mo.	

Brubaker, Evelyn A.	Denver, Colo.
Bruckner, Grace	1419 7th Ave., Greeley, Colo.
Brunstein, John C.	R. 2, Greeley, Colo.
Bryant, Marguerite	Chocteau, Okla.
Brunelle, Valentine	Walsenburg, Colo.
Bryden, Helen	Carbondale, Illinois
Bryson, Elizabeth	Louisiana, Mo.
Buck, Emily	1221 18th, Greeley, Colo.
Bugler, Anne M.	Baxter Springs, Kans.
Buchanan, Bernice	Simla, Colo.
Buchanan, Sue W.	Fort Worth, Texas
Beechel, Edith E.	Wayne, Nebr.
Bulger, Katherine	Baxter Springs, Kans.
Bulger, Lillian	Baxter Springs, Kans.
Bullock, Annie	Dallas, Texas
Bunker, Minnie E.	Wild Horse, Colo.
Bunning, Emma	Leadville, Colo.
Burnham, Bessie	Redmesa, Colo.
Burchsted, Laura	Ft. Morgan, Colo.
Burton, Ada	Canon City, Colo.
Burton, Thelma	Wellfleet, Nebr.
Burgener, John C.	2303 Bluff St., Boulder, Colo.
Burke, Alice	Rocky Ford, Colo.
Burns, Edith	Flat River, Colo.
Burbridge, Edgar H.	Milliken, Colo.
Bushey, Clifford A.	Manzanola, Colo.
Cage, Mary L.	Greeley, Colo.
Caldwell, Ruth	1321 E. 9th, Pueblo, Colo.
Callison, Eldora	Denver, Colo.
Callarman, Eva	Stillwater, Okla.
Callaway, A. B.	Dodge City, Kans.
Calvin, Phoebe R.	Rock, Kans.
Calvin, Shirley	Winfield, Kans.
Camden, Cynthia	Platteville, Colo.
Campbell, Agnes	1531 9th Ave., Greeley, Colo.
Campbell, Clare	Sterling, Colo.
Campbell, Bertha	Rico, Colo.
Campbell, D. C.	Ft. Logan, Colo.
Campbell, Helen	R. 1, Pueblo, Colo.
Campbell, Marie	Marion, Illinois
Campbell, Martha	4408 23rd St., Omaha, Nebr.
Canfield, Mary	769 Lincoln, Denver, Colo.
Cannell, Mona	Colorado Springs, Colo.
Cannon, Brenda W.	1049 Corona, Denver, Colo.
Carnahan, Gladys	Las Animas, Colo.
Carney, Elizabeth	1845 11th Ave., Greeley, Colo.
Carr, Etta M.	Fowler, Colo.
Carrington, Myrtle	La Junta, Colo.
Carrington, Dimple	1153 Ogden, Denver, Colo.
Carson, Henrietta	Canon City, Colo.
Carter, Pearl	Goldfield, Colo.
Case, Bertha	Silverton, Colo.
Casey, Margaret L.	Osage, Iowa
Castleberry, Marie	2859 Champa, Denver, Colo.
Chambers, Elna	St. Joseph, Mo.
Chamberlin, Frances	Bisbee, Ariz.
Champlain, Laura	Greeley, Colo.
Champlain, Lucie V.	Greeley, Colo.
Chapman, Klyda	Buhl, Idaho
Charlesworth, Harry W.	Erie, Colo.
Chase, Mrs. Octavia	Denver, Colo.
Chatfield, Minnie	Clifton, Colo.
Chestnut, Rose	Clay Center, Kans.
Chesebro, Delta	658 Marine St., Boulder, Colo.
Christopher, Ruth	Holly, Colo.
Clark, Margaret	Englewood, Colo.
Clark, Jessie M.	Newton, Kan.
Clark, Myra L.	Greeley, Colo.
Clauson, Walborg	1925 10th Ave., Greeley, Colo.
Clay, Millie A.	Cheyenne, Wyo.
Cleverdon, Elsie L.	Rocky Rover, Ohio
Clouse, Grace	3605 Dickason, Dallas, Texas.
Coates, Mrs. Susie M.	2936 E. Elati, Denver, Colo.
Cotney, Grace	712 W. 11th, Pueblo, Colo.
Cochran, Ethel	Cincinnati, Ohio
Cochran, Mabel	1515 11th, Greeley, Colo.
Cochran, L. Grace	1515 11th, Greeley, Colo.
Coffel, Mabel	Fort Collins, Colo.
Coffman, Anna	Trotwood, Ohio.
Coffman, Martha A.	Trotwood, Ohio.
Coffman, Margaret	Idaho Springs, Colo.
Cohen, Lillian	Guffey, Colo.

Cohn, Ida.....	2210 Court Place, Denver, Colo.
Coleman, Jessie H.....	Oskaaloosa, Iowa.
Coler, Edith.....	Fort Collins, Colo.
Coleman, Mrs. Rose F.....	2345 N. 60th Ave., Omaha, Neb.
Coleman, Vi Belle.....	Dallas, Texas.
Collins, Gretta.....	Belleville, Kansas.
Collins, Nannie.....	Vinita, Okla.
Cologne, Rose.....	Rockvale, Colo.
Comin, Mary.....	1608 11th Ave., Greeley, Colo.
Connallay, Margaret.....	Greeley, Colo.
Conway, Agnes.....	Wichita, Kan.
Consuy, Hero L.....	1630 Jackson, Denver, Colo.
Connell, Mary V.....	R. F. D. Box 146, Aurora, Colo.
Converse, Carrie.....	Mitchell, Neb.
Cook, Mary Frances.....	Maranna, Ark.
Cooper, Betty.....	14 S. Weber, Colorado Springs, Colo.
Cooper, Margaret.....	14 S. Weber, Colorado Springs, Colo.
Cooper, Martha.....	Sumner, Ill.
Cordell, Thyra.....	409 Broadway, Van Buren, Ark.
Cornett, Winifred D.....	Tioga, Colo.
Cornwall, Lillian.....	Aspen, Colo.
Cornwell, W. F.....	Monte Vista, Colo.
Cornwell, Hope.....	Monte Vista, Colo.
Corliss, Grace.....	St. James, Minn.
Coulson, Clara G.....	1811 Walnut, Boulder, Colo.
Coulson, Paul E.....	1811 Walnut, Boulder, Colo.
Coney, Edna.....	624 Tillotson, Trinidad, Colo.
Courtwright, Elvessa.....	Colorado Springs, Colo.
Courtwright, Gertrude.....	Colorado Springs, Colo.
Cowles, Verena.....	Chivington, Colo.
Cox, Cora E.....	Foley, Mo.
Cox, Ora.....	Bushnell, Ill.
Cox, Susan.....	Rocky Ford, Colo.
Crangle, Beulah.....	Sedalia, Colo.
Craig, Lulu S.....	Manzanola, Colo.
Cribbs, Agnes.....	Clear Creek, Colo.
Croft, Geraldine.....	Greeley, Colo.
Cramer, Caryl.....	Loveland, Colo.
Craig, Dorothy.....	Elwood, Neb.
Crangle, Agnes.....	Butte, Mont.
Crawford, Pearl.....	Choteau, Okla.
Cresto, Louise.....	Rockvale, Colo.
Cribbis, Marie.....	Clear Creek, Colo.
Crocomb, Aimee.....	Leadville, Colo.
Croft, Blanche Trix.....	Eads, Colo.
Croft, Bernice.....	506 11th Ave., Greeley, Colo.
Cronin, Sister Sebastian.....	Canon City, Colo.
Culp, Margaret.....	Alton, Mo.
Cummings, Catherine.....	Pueblo, Colo.
Currence, Bertha Edith.....	Marion, Kan.
Curtis, Bessie.....	2230 Grand, Pueblo, Colo.
Davis, Charlotte.....	Wiley, Colo.
Dake, Sadie.....	Greeley, Colo.
Daigh, Winnie A.....	Oklahoma City, Okla.
Dail, Edna.....	Cherokee, Okla.
Dailley, Grace.....	1123 Sherman, Denver, Colo.
Dalbey, Hazel.....	Jewell, Iowa.
Dalby, Muriel.....	Ordway, Colo.
Dalin, Judith H.....	Rockford, Ill.
Damm, Nettie.....	Fort Morgan, Colo.
Daniel, T. L.....	Camden, Ark.
Daniel, Mrs. T. L.....	Stephens, Ark.
Darville, Allene.....	Hiawatha, Kan.
Davis, Elizabeth.....	Greeley, Colo.
Davis, Alice F.....	Hiawatha, Kan.
Davis, Anna.....	Dawson, N. M.
Davis, Ila.....	Nowats, Okla.
Davis, Mrs. Lulu E.....	Rockford, Ill.
Davis, Verna B.....	Alamosa, Colo.
Davis, Willie M.....	La Junta, Colo.
Davis, Wilma C.....	526 W. 1st, Chanute, Kan.
Dawson, Cordye.....	Box 67, Windom, Texas.
Dedman, Claude V.....	El Paso, Texas.
DeLay, Anna.....	Grand Junction, Colo.
Delahanty, Katherin.....	Lawton, Okla.
Delehanty, Mary.....	Lawton, Okla.
Dempewolf, Mary.....	Greeley, Colo.
Danning, Jessie.....	Manzanola, Colo.
Devine, Isabelle.....	Divide, Colo.
DeVeyra, Fortunato.....	Alavgalang, Leyte, Philippines.
Dewey, Helen Antionette.....	Grand Junction, Colo.
Dickason, Stella.....	Greeley, Colo.

Dickerson, Ethel	Bald Mountain, Colo.
Diggs, Carrie Mae	Childress, Texas.
Dillon, Sara	Greeley, Colo.
Dickerson, Elizabeth	Evans, Colo.
Diggs, Charles A.	Ainsworth, Neb.
Diggs, Donald	Childress, Texas
Dinsmore, Naomi	Pueblo, Colo.
Ditcher, Laura B.	Indianola, Neb.
Divillriss, Edith	Farmer City, Ill.
Doane, Florence E.	Osborne, Kan.
Doane, Vera V.	Osborne, Kan.
Dodson, Katherine	Montrose, Colo.
Doerr, Lulu	Marion, Ill.
Dolph, Alta H.	Greeley, Colo.
Dorsey, Nelly L.	404 N. Market, Wichita, Kan.
Dougherty, Lennie	Sapulpa, Okla.
Douglass, Sherman	Hillrose, Colo.
Doull, Frances	4154 Umatilla St., Denver, Colo.
Drummond, Anna	Kersey, Colo.
Doyle, Eva	Eads, Colo.
Diff, Gersie	Winfield, Kan.
Duff, Lula	Oklahoma City, Okla.
Duke, Annie	Fort Worth, Texas.
Duke, Katherine	Fort Worth, Texas.
Dugan, Ethel	Louviers, Colo.
Dumas, Violet	Gilman, Colo.
Dunham, Ruth	La Junta, Colo.
Durkin, Marjorie	Leazer, Colo.
Dyer, Eunice	Smith Center, Kan.
Eagin, Ellen	Oklahoma City, Okla.
Eaton, Alice B.	1020 10th, Greeley, Colo.
East, Mrs. Margaret	Junction, Okla.
Easton, Gertrude	Tecumseh, Nebr.
Edwards, Hazel B.	Grover, Colo.
Eichenberger, Ruth	Pomona, Kans.
Eklund, Martha M.	Wray, Colo.
Elder, Ada	1884 S. Clarkson, Denver, Colo.
Ellenberger, Edith Claire	Bazine, Kans.
Ellenberger, Flora Lucile	Bazine, Kans.
Elkins, DyVena	Bon Carbo, Colo.
Elam, Mary	Greeley, Colo.
Elam, Ruth	Greeley, Colo.
Elam, Velma	Gables Apts., Greeley, Colo.
Elam, Mary	Akron, Colo.
Elliott, Eula	Alma, Nebr.
Elliott, Nellie	Lynnville, Iowa
Ely, Clara	Wagner, S. Dak.
Epler, Howard B.	Greeley, Colo.
Epplenly, Lulu	Tallula, Ill.
Epperson, Marie	Burr Oak, Kans.
Erickson, Agnes E.	St. Cloud, Minn.
Eubank, T. A.	Coats, Kans.
Evans, Mosella G.	Independence, Kans.
Evans, Myril Anne	Independence, Kans.
Evans, Pearl	Loveland, Colo.
Everett, Mary L.	Colorado Springs, Colo.
Eversman, Alice	Julesburg, Colo.
Eversman, Olga L.	Julesburg, Colo.
Ewing, Louise	St. Paul, Minn.
Ewers, Nellie A.	Raven, Colo.
Fairchild, Ethel M.	Claremore, Okla.
Faith, Elsie	578 S. Wash. Denver, Colo.
Fallon, Mrs. Florence	Cincinnati, Ohio
Farabee, Louise	Collierville, Tenn.
Farquhar, Carrie	615 18th, Greeley, Colo.
Farr, Lloyd Albert	913 11th Ave., Greeley, Colo.
Farr, Ruth	Greeley, Colo.
Fenton, Helen	940 Newport, Denver, Colo.
Fenton, Mrs. S. W.	940 Newport, Denver, Colo.
Ferguson, Mabel	Bened, Illinois
Ferguson, Mrs. Lillian H	Trinidad, Colo.
Fezer, Marion	Greeley, Colo.
Finch, Carolina A.	515 E. Boulder, Colorado Springs, Colo.
Finch, Ethel	505 E. Boulder, Colorado Springs, Colo.
Finley, Grace W.	Greeley, Colo.
Finn, Nora C.	4039 Valjejo St., Denver, Colo.
Finn, Jennie B.	Albuquerque, N. M.
Finney, Fern	Greeley, Colo.
Fisher, Bess M. Mrs.	Greeley, Colo.
Fisher, G. N.	1313 8th Ave., Greeley, Colo.
Fite, A. Grace	Benedict, Kans.

Fitch, Louise		Avon, Ohio
Fitzgibbon, Marguerite	1324 4th Ave.,	Oswego, Kans.
Fitzmorris, R. S.		LaPorte, Colo.
Fleming, Gertrude		Florence, Colo.
Fleming, Nelle		Florence, Colo.
Floyd, M. R.		Vinita, Okla.
Flynn, Ellen		Trinidad, Colo.
Flynn, Emma		Trinidad, Colo.
Foley, Mercedes		Durango, Colo.
Forbes, S. Earle		Cotopaxi, Colo.
Foresman, Grace R.		Canon City, Colo.
Forgette, Mary		Spalding, Nebr.
Forsyth, Winifred	1638 Ogden,	Denver, Colo.
Force, Anna Laure	216 Sherman,	Denver, Colo.
Fortner, Bertha Cora		Windsor, Illinois
Foster, Mrs. A. H.		Warrensburg, Mo.
Fraley, Ethel		Hereford, Colo.
Franchs, Amelia		Trinidad, Colo.
Fraser, Mildred		Central City, Colo.
Frazy, Irma		Walsenburg, Colo.
Friedman, Julia	1577 Fed. Blvd.,	Denver, Colo.
Frisbey, Helen		Trinidad, Colo.
Frisbey, Mabel		Trinidad, Colo.
Frederickson, Otto F.		Allen, Kans.
Freeborn, H. J.	926 Beech,	Wahoo, Nebr.
Fritz, Lulu		Whiting, Kans.
Frye, Elizabeth		Miltonvale, Kans.
Fryklund, Verne C.	1531 9th Ave.,	Greeley, Colo.
Fuller, Mary A.	191 S. Logan,	Denver, Colo.
Fugate, Mrs. Emma		R. 2. Greeley, Colo.
Fuller, Mrs. Hattie		Mead, Colo.
Fuller, Hazel	3073 W. 38th Ave.,	Denver, Colo.
Fuller, Genevieve	820 Raton,	La Junta, Colo.
Gabriel, Maude		Loveland, Colo.
Gammill, Mrs. F. L.		Mead, Colo.
Gammill, F. L.		Mead, Colo.
Garber, Verna B.	1331 Colo. Ave.,	Colorado Springs, Colo.
Garnett, Ora W.		Akron, Colo.
Garrison, Lulu		Boone, Iowa
Garrity, Margaret	Box 192,	Lafayette, Colo.
Gentry, Ora		Lawton, Oklahoma
Gibson, Mary		Olney Springs, Colo.
Gill, Vivian G.		Atwood, Colo.
Gillespie, Hazel		Aroya, Colo.
Gillespie, Lillie		St. Francis, Kans.
Gillett, Gloy J.		Padroni, Colo.
Gilliam, Ellen	E. 10th St.,	Chandler, Okla.
Gillis, May E.	1266 Logan,	Denver, Colo.
Gilmer, Juliette	1106 W. 14th,	Oklahoma City, Okla.
Gilmore, Gladys	201 S. Lincoln,	Denver, Colo.
Gish, Orletha		Eads, Colo.
Gieseking, Ruth		Fleming, Colo.
Glaefcke, Catherine	1544 9th Ave.,	Greeley, Colo.
Glase, Glase		La Junta, Colo.
Gleason, Belle	1630 8th Ave.,	Greeley, Colo.
Gleason, May	2905 Holmes,	Dallas, Texas
Glenn, Mary		Spalding, Nebr.
Glover, Nancy		R. 4. Greeley, Colo.
Gongoll, Ida		Lamberton, Minn.
Goodpasture, Lola		Trinidad, Colo.
Good, Clairra Anne		Wray, Colo.
Goodrow, Emeline	825 Mich. Ave.,	Evanston, Ill.
Gorman, Norton V.		Golden, Colo.
Gordon, Grace	130 W. Abriendo Ave.,	Pueblo, Colo.
Goss, Bernice, A.	910 11th,	Greeley, Colo.
Gothard, Zina		Fountain, Colo.
Graham, Glenes		York, Nebr.
Graham, Alpha		Vinita, Okla.
Graham, Edna		Loveland, Colo.
Graham, Lulu		Pueblo, Colo.
Graban, Herbert A.		Boone, Iowa
Green, Dorothy		Crowley, Colo.
Gray, Mrs. Ethel H.		Twin Falls, Idaho
Green, Mary G. H.	2881 Ogden,	Denver, Colo.
Green, Lucile	1933 8th Ave.,	Greeley, Colo.
Green, Pauline	1933 8th Ave.,	Greeley, Colo.
Green, Wm. M.		Ft. Worth, Texas
Greenamyre, Kathryn	1129 11th,	Greeley, Colo.
Greer, Mrs. Anna	1015 17th,	Greeley, Colo.
Gregory, Lola A.		Longmont, Colo.
Griffin, Helen		Carr, Colo.
Griffing, S. Elizabeth		Fort Morgan, Colo.

Griffith, Luey.....	Arvada, Colo.
Groves, Edna G.....	Ft. Morgan, Colo.
Guanella, Clementine.....	Council Bluffs, Iowa
Guenze, Josephine.....	Sterling, Colo.
Guenzi, Julia.....	Sterling, Colo.
Gump, Edith.....	Garden City, Kans.
Hall, Grace E.....	Pender, Nebr.
Hall, Luella A.....	Colorado Springs, Colo.
Hamblen, Maude.....	Manassa, Colo.
Hamilton, Catherine.....	2309 Ash, Denver, Colo.
Hamilton, Gertrude.....	2089 S. Pearl, Denver, Colo.
Hammock, Katherine C.....	Oklahoma City, Okla.
Hammond, Ella.....	Ft. Morgan, Colo.
Hand, Effie M.....	Clay Center, Kans.
Haney, Mary Reva.....	Flat River, Mo.
Hanna, Winifred.....	515 N. Center, Mankato, Kans.
Hanigan, Bess.....	Dunlap, Iowa
Handy, Gladys.....	1629 12th Ave., Greeley, Colo.
Hannigan, Jennette.....	Dunlap, Iowa
Hans, Nellie.....	Great Bend, Kans.
Hansen, Bessie.....	Bunceton, Mo.
Hanson, Capitola.....	Momence, Illinois
Hanson, Viola.....	Arvada, Colo.
Harbottle, Mrs. Florence E.....	1029 5th, Greeley, Colo.
Harrington, Abbie.....	La Salle, Colo.
Harrington, Marjorie.....	Butte, Mont.
Harrison, Clara A.....	Checotah, Okla.
Harris, Beth.....	Carbondale, Colo.
Hart, Ida M.....	Golden, Colo.
Hardy, Grace L.....	Tioga, Texas
Hardy, Joe E.....	Tioga, Texas
Hargrove, Louise.....	3036 W. 22, Denver, Colo.
Harman, Claude N.....	3540 College Ave., Kansas City, Mo.
Harmer, Mrs. Blanche.....	1408 9th St., Greeley, Colo.
Haslett, Grace.....	Paonia, Colo.
Haverty, Dorothy.....	814 W. 11th, Pueblo, Colo.
Haverty, Stell.....	814 W. 11th, Pueblo, Colo.
Hawes, Mabel O.....	Cheyenne, Wyo.
Hawkins, Olive.....	Box 789, Butte, Mont.
Hawthorne, Bessie Melville.....	378 Broadway, Denver, Colo.
Hayes, Florence.....	Santa Anna, Texas
Hay, Geo. A. F.....	Junction City, Kans.
Hay, Mary L.....	Junction City, Kans.
Hayes, Dorothy Mildred.....	Windsor, Colo.
Hayes, John I.....	Kansas City, Mo.
Haynes, Kate Miss.....	Wichita Falls, Texas
Haworth, Nelle.....	1219 Berkeley, Pueblo, Colo.
Hazlet, Ida.....	Hudson, Colo.
Hazlet, Mary.....	Hudson, Colo.
Herfurth, Alma.....	1146 N. Main, Fremont, Nebr.
Head, Pearl.....	Trinidad, Colo.
Heilman, Clara.....	Ault, Colo.
Heglund, Agnes.....	Lindsborg, Kans.
Heist, Rosa C.....	Sterling, Colo.
Hemphill, F. C.....	1118 10th St., Greeley, Colo.
Henderson, M. Ruth.....	Ordway, Colo.
Herndon, Marie.....	Maxey, Colo.
Herzog, Josephine.....	Fort Morgan, Colo.
Hetherington, Lucile.....	Beatrice, Nebr.
Hiatt, A. S.....	Chandler, Okla.
Hiatt, Irene.....	Lamar, Colo.
Higbee, Esther.....	Simla, Colo.
Higginbottom, Minnie B.....	Ordway, Colo.
Hill, Vera.....	Timnath, Colo.
Hininger, Blanche.....	Blythedale, Mo.
Hitt, Eva B.....	928 15th, Greeley, Colo.
Hickerson, Stella.....	Bunceton, Mo.
Hoag, Ruth.....	Lamar, Colo.
Hobbs, Anna.....	Frederick, Colo.
Hogue, Juanita S.....	Box 225, Paris, Texas
Hogue, Myrtle.....	Kansas City, Mo.
Holahan, Josephine.....	Colorado Springs, Colo.
Holcomb, Beulan.....	Rosewell, N. M.
Hollister, Evaline.....	Leadville, Colo.
Holmes, Ethel E.....	2610 S. Sherman, Denver, Colo.
Holson, Helen Harriet.....	Swallows, Colo.
Holmes, Clara.....	Miles City, Mont.
Holmes, Madge.....	Fleming, Colo.
Holmes, Mossie.....	1138 Clarkson, Denver, Colo.
Holton, Alice.....	Helena, Okla.
Hood, Mary Ethel.....	Dallas, Texas
Horn, Cora.....	Akron, Colo.

Holtzendorff, Katherine.....	Oklahoma City, Okla.
Hopper, Helen.....	Carbondale, Colo.
Hornberger, E. H.....	Clinton, Colo.
Howard, Edna E.....	Ft. Collins, Colo.
Howard, Edith H.....	Breckenridge, Colo.
Howarth, Marian.....	1536 8th Ave., Greeley, Colo.
Howarth, Ralph.....	1536 8th Ave., Greeley, Colo.
Huck, Kathryn.....	Littleton, Colo.
Hukill, Edna Eula.....	Valley Falls, Kans.
Hulbert, Marion.....	Otis, Colo.
Hueser, Okga.....	Oskaloosa, Iowa
Hughston, Carrie.....	Plano, Texas
Huiatt, Rose.....	Las Animas, Colo.
Hunt, Raymon H.....	911 10th Ave., Greeley, Colo.
Hunt, Ella Adeline.....	411 North St., Boulder, Colo.
Hurd, Mrs. Oakie.....	Canon City, Colo.
Huffman, Alta.....	Wyoming, Iowa
Inman, Katherine.....	2323 Marion, Denver, Colo.
Irwin, Beulah.....	Rosebud, Texas
Iubatti, Minnie.....	Canon City, Colo.
Ives, Blanche.....	Tilden, Nebr.
Jackson, Bertha.....	Fort Worth, Texas
Jacobs, Gertrude.....	Trinidad, Colo.
James, Lena W.....	McLeansboro, Illinois
Jameson, Mrs. Dora C.....	1547 S. Sherman, Denver, Colo.
Jandos, Chas.....	Kanopolis, Kans.
Jennings, Winifred.....	Lincoln, Kans.
Jensen, Flora.....	Flagstaff, Ariz.
Jansson, Helen.....	15 Camfield Ct., Greeley, Colo.
Job, Celia.....	Rockvale, Colo.
John, Helma.....	Florence, Colo.
Johnson, Everet.....	Checotah, Okla.
Johnson, Bevie T.....	Greeley, Colo.
Joiner, Elizabeth.....	Sterling, Illinois
Johnson, Frances.....	Meeker, Colo.
Johnson, Irene.....	Loveland, Colo.
Johnson, Julia.....	Richland, Iowa
Johnson, Dorothy.....	1315 12th St., Greeley, Colo.
Johnson, Addie.....	Durango, Colo.
Johnson, Faye.....	1607 8th Ave., Greeley, Colo.
Johnson, Ruth B.....	Fort Morgan, Colo.
Johnson, Anna M.....	3340 Hayward, Denver, Colo.
Johnston, Blanche.....	Flagler, Colo.
Johnston, Laura.....	Alliance, Nebr.
Johnston, Maude Chapman.....	367 S. Ogden, Denver, Colo.
Johnston, Anna B.....	Meade, Kans.
Jones, Bea.....	Goldfield, Colo.
Jones, Bessie E.....	Delta, Colo.
Jones, Carl M.....	1222 7th Ave., Greeley, Colo.
Jones, Cora Belle.....	Emporia, Kans.
Jones, Carrie F.....	Stillwater, Okla.
Jones, Edna.....	Colorado Springs, Colo.
Jones, James R.....	Evans, Colo.
Jones, Mrs. Mollie.....	Evans, Colo.
Jones, Mildred.....	Idaho Springs, Colo.
Jones, Ruby.....	Ferron, Utah
Judd, Effa E.....	Manzanola, Colo.
Judy, Stella Mabel.....	Summer, Illinois
Joy, Violette.....	Meeker, Colo.
Jones, Esther E.....	925 13th St., Denver, Colo.
Johnson, Anna.....	1310 Welton, Denver, Colo.
Kane, Claude A.....	Glade, Kans.
Kane, Ellen H.....	3649 Lafayette, Denver, Colo.
Kaser, Olive M.....	Britton, Okla.
Kavich, Ruby.....	Fremont, Nebr.
Kenna, E. E.....	Hugo, Colo.
Kelley, Agnes D.....	O'Neill, Nebr.
Kellerman, Violet.....	Delta, Colo.
Kendrick, Edith.....	Florence, Colo.
Kennedy, Clara.....	Trenton, Mo.
Kennedy, Florence M.....	Des Moines, Iowa
Kennedy, Pearl.....	Greeley, Colo.
Kenny, Thomas F.....	Greeley, Colo.
Kenton, Lois.....	La Jara, Colo.
Kessler, F. C.....	Knob Lick, Mo.
Keyes, Margaret J.....	Greeley, Colo.
Keyser, Edna.....	Wilson, Kans.
Keyser, Helen.....	Wilson, Kans.
Kimbrel, Pearl L.....	1011 10th Ave., Greeley, Colo.
Kiker, Stella.....	Raton, N. M.

Kincaid, Laure	La Veta	Colo.
Kincaid, Frances	Lyons	Colo.
Kindred, Mrs. L. B.	Chivington	Colo.
Kinny, Jennie	Roswell	N. M.
Kinsey, Dorothy	Portsmouth	Ohio
Kirby, Hildred E.	2312 E. 37th Ave.	Denver, Colo.
Kirkley, Bertha	Huntsville	Texas
Klein, Carolyn	1127 Lipan	Denver, Colo.
Klein, Katherine	La Junta	Colo.
Kleinknecht, Elsie	Hartzel	Colo.
Kleinknecht, Emily	Hartzel	Colo.
Knecht, Amanda	3403 Raleigh	Denver, Colo.
Knies, W. L.	Flagler	Colo.
Knight, E. J.	Girard	Kans.
Knoll, Julia	Delta	Colo.
Knowles, Robert R.	Sterling	Colo.
Koogle, Rose Mae	2243 Lafayette	Denver, Colo.
Kruh, Sara	Collbran	Colo.
Kuceve, Emilia B.	R. 4., Shawnee	Okla.
Kresdy, Hattie	Minneapolis	Kans.
Kullgren, Hazel	3435 Shoshone	Denver, Colo.
Kussart, Jeanette	1229 12th St.	Greeley, Colo.
Kyle, Johns E.	Evans	Colo.
Kyle, Margaret	Tarkio	Mo.
Kyle, Veda	Evans	Colo.
Kyler, Lela	1544 10th Ave.	Greeley, Colo.
Kyner, Marguerite	Georgetown	Colo.
Lago, Louise	Fort Collins	Colo.
Lamb, Grace	Larkspur	Colo.
Lamb, Josephine	Livermore	Colo.
Lappin, Georgia	Pueblo	Colo.
Larson, Agnes Caroline	Starkville	Colo.
Larson, Mildred M.	Grover	Colo.
Latta, Kathryn	Washington	Iowa
Lauck, Gertrude	Box 55, Hudson	Colo.
Lauer, Mabel D.	Buckingham	Colo.
Lambright, Juetette	Nowata	Okla.
Lawlor, Margaret	2447 W. 43rd St.	Denver, Colo.
Lawrence, Carl E.	Greeley	Colo.
Lawson, Faith M.	La Junta	Colo.
Leavenworth, Helen	Kansas City	Mo.
Leeling, Ida M.	311 Inca	Denver, Colo.
Leise, May	122 Curtis	Brush, Colo.
Lemley, Iva G.	Simla	Colo.
Lepel, Charlotte	Vilas	Colo.
Lettey, Yvonne	Basalt	Colo.
Lewis, Anna E.	Hiawatha	Kans.
Lewis, Jane	Florence	Colo.
Lewis, Gertrude E.	Box 321, Ryan	Okla.
Lewis, Mrs. Ivy V.	1124 8th St.	Greeley, Colo.
Lillihidge, Cynghia	Elk City	Kans.
Lind, Jennie	Stromsburg	Nebr.
Link, Isa	Glenwood Springs	Colo.
Lloyd, Marie	Box 14 Hugo	Colo.
Lipprant, Josie	Liberal	Kans.
Lipschitz, Gertrude	Leshara	Nebr.
Lisemby, Frankie	Kansas City	Kans.
Lisenby, Ruby H.	Colorado Springs	Colo.
Litch, Clara R.	Sterling	Colo.
Litchquid, Frances	Telluride	Colo.
Lobdell, Mrs. G. F.	Greeley	Colo.
Lockard, Ethel	St. Frances	Kans.
Logan, Helen	Canon City	Kans.
Longan, Anna	1820 Lafayette	Denver, Colo.
Looney, Ethel	Vinita	Okla.
Longheed, Grace	La Veta	Colo.
Longheed, Lila	a La Veta	Colo.
Love, Mrs. R. H.	Mead	Colo.
Love, Jessie Geraldine	Raton	N. M.
Lowell, Josephine M.	Sedalia	Colo.
Lucke, Esther	Haxtun	Colo.
Lulow, Roy V.	Stambaugh	Mich.
Lynn, Louise	Checotah	Okla.
Lyon, Fern	Grinola	Kans.
Lyon, Mabel	Canon City	Colo.
Lyons, Mildred	Greeley	Colo.
Lyden, Katherine	211 N. Idaho	Butte, Mont.
Lakin, Irene	Pueblo	Colo.
Mair, Eve Joyce	Antonito	Colo.
Maes, Alice	Trinidad	Colo.
Mack, Lois	Greeley	Colo.

Madarasz, Irma	701 Marion, Denver, Colo.
Maes, Alice	Trinidad, Colo.
Mahuron, I. D.	Trinidad, Colo.
Malins, Edith S.	1467 Fillmore, Denver, Colo.
Manlove, Esther	Canon City, Colo.
Marker, Dewey N.	La Veta, Colo.
Marshall, Harding	Wallingford, Kentucky
Martin, Alice	1414 11th Ave. Greeley, Colo.
Martin, Bula	Greeley, Colo.
Martin, Celeste May	Allison, Colo.
Martin, Emma	Monte Vista, Colo.
Martin, James Taylor	Weatherford, Okla.
Martin, Nellie	1414 11th Ave., Greeley, Colo.
Martin, Mrs. Jessie	Hollenberg, Kans.
Martz, Mrs. A. J.	3112 Marion, Denver, Colo.
Martz, A. J.	Byers, Colo.
Mason, Blanche	Greeley, Colo.
Matheny, Willa	Chandler, Okla.
Matthews, Mary	2705 Tennyson, Denver, Colo.
Matthews, Ruth	R. 3 La Junta, Colo.
Matkin, Patricia Ann	Flat River, Mo.
Matson, Irene A.	315 13th Ave., Greeley, Colo.
Matson, Edna A.	315 13th Ave. Greeley, Colo.
Mattson, Hulda	R. 2 Inman, Kans.
Mayberry, Marie	Henderson, Colo.
Mayer, Lena	1530 10th Ave., Greeley, Colo.
Meacham, Rena G.	Salida, Colo.
Meacham, Ruth	Salida, Colo.
Means, Anna A.	Bennett, Colo.
Menciman, Lida M.	Golden, Colo.
Meneely, Emma	Oklahoma City, Colo.
Meng, Marla	Keensburg, Colo.
Mercer, Nellie	Marion, Illinois
Maramara, Jaunita	Cebyceby, Philippines
Marshall, Luzena	Liberty, Kans.
Mayer, Lena	Greeley, Colo.
Merchant, Mallot Pauline	Delta, Colo.
Merry, Lucy J.	Manitou, Colo.
Meyera, Fawn E.	Durango, Colo.
Metz, Margaret	Larimer, Colo.
Miars, Mabel	Forsyth, Mont.
Miner, Zada E.	Jackson, Mich.
Mickelson, Hilga	Omaha, Nebr.
Mitchell, Helen E.	Wellington, Colo.
Miller, Clara	Sanford, Colo.
Miller, Gladys	Sterling, Colo.
Miller, J. Wesley	Haxtun, Colo.
Miller, Katharine	Box 287 La Junta, Colo.
Milley, Harriet M.	Junction City, Kans.
Mills, Emma Gard	Hydro, Okla.
Milligan, Bertha	1354 W. Cedar, Denver Colo.
Mitchell, Suirilla	Idaho Springs, Colo.
Monaghan, Alice	Box 34, Rifle, Colo.
Montgomery, Minnie	Elwood, Nebr.
Montgomery, Olive	Clifton, Ariz.
Moon, Addie E.	Golden, Colo.
Moore, Hazel	Boonville, Mo.
Moore, Jean	391 Stuart, Denver, Colo.
Moore, Lorena F.	Curtis, Nebr.
Moore, Milton H.	1015 Jennings, Ft. Worth, Texas
Moorman, Ruth A.	Smith Center, Kans.
Moreland, Zelma	Simla, Colo.
Morgan, Ida	Monticello, Kentucky
Morse, Bernice	Greeley, Colo.
Morrish, Mary	Oberlin, Kans.
Morrow, Margaret	Colorado Springs, Colo.
Moseley, Nancy	4903 Bryan, Dallas, Texas
Moser, Ruth	Hiawatha, Kans.
Mott, Hope	Ottawa, Kans.
Mount, Leila	La Jara, Colo.
Morris, Herbert	1213 14th, Greeley, Colo.
Money, Mrs. C. E.	La Junta, Colo.
Murphy, Eva	447 S. Orange, Havana, Illinois
Murphy, Maude Louise	Callaway, Nebr.
Murphy, Hazel	Horton, Kans.
Muerman, Ethel A.	1620 9th Ave., Greeley, Colo.
Mulligan, Mary	3739 Lafayette, Denver, Colo.
Musser, Marie	1401 10th, Greeley, Colo.
Myers, Mada B.	Mankato, Kans.
Myers, Mrs. Marye N.	1629 7th Ave., Greeley, Colo.
Macfarlane, Anna May	Coalmont, Colo.
McBeen, Katherine	Minturn, Colo.
McCleany, Ruth	Mesita, Colo.

McCarty, Edna M.	Washington,	Iowa
McCarty, Anna	1744 8th Ave.,	Greeley, Colo.
McCarty, Margaret	Hannibal,	Mo.
McClelland, A. J.	1211 15th St.,	Greeley, Colo.
McClelland, Ralph	1121 15th St.,	Greeley, Colo.
McClure, Helen	Fowler,	Colo.
McClure, Ruth	Fowler,	Colo.
McCollum, Edith	Evans,	Colo.
McConnell, Mrs. Clara	Greeley,	Colo.
McConnell, Elvis R.	Stratton,	Colo.
McCorkle, Dee	Greeley,	Colo.
McCoy, Mae	Yuma,	Colo.
McCullough, Jack	St. Francis,	Ark.
McCullough, Jay W.	Atlanta,	Georgia
McCutchan, Ella B.	Tulsa,	Okla.
McCutchan, Mary	1106 S. Main,	Tulsa, Okla.
McDermott, Irene	Central City,	Nebr.
McDermott, Rose A.	3749 Lafayette,	Denver, Colo.
McFadden, Tena	1049 Corona,	Denver, Colo.
McGuirk, Mary	Glenwood Springs,	Colo.
McGinnis, Roxie E.	Kearney,	Mo.
McGovern, Margaret	530 E. 19th Ave.,	Denver, Colo.
McGovern, Mary	1535 Penn.	Denver, Colo.
McIlvaney, May	Canon City,	Colo.
McIntyre, Georgia	Magnolia,	Ark.
McKee, Daisy E.	Horton,	Kans.
McMahon, Ina	Basalt,	Colo.
McKnight, Elizabeth	Quincy,	Illinois
McLane, Lucy	Greeley,	Colo.
McLaughlin, Maude	1015 E. Central,	Wichita, Kans.
McLean, Syble	Pierce,	Colo.
McMilan, Marion	Durango,	Colo.
McNair, Madge	Boulder,	Colo.
McNutt, Katie	Hobart,	Okla.
McNutt, Sarah A.	Mayher Apt. 1,	Greeley, Colo.
McPhillips, Myrtle	Longmont,	Colo.
McNair, Madge	2033 11th.,	Boulder, Colo.
McNew, Dorothy	1203 11th,	Greeley, Colo.
McQuillan, Kathryn	Lincoln,	Kans.
McVey, Alpha	Hill City,	Kans.
McVey, Mrs. Nina	Fort Lupton,	Colo.
McVey, J. P.	Adena,	Colo.
McVey, P. L.	Fort Lupton,	Colo.
Naffziger, Ruby B.	1008 9th Ave.,	Greeley, Colo.
Nash, Mary	Trinidad,	Colo.
Nation, Ivy B.	Fremont,	Nebr.
Neal, Goldie S.	Chivington,	Colo.
Neal Paul	Chivington,	Colo.
Neal, D. Bryan	Sheridan Lake,	Colo.
Nelson, Nell	Howardsville,	Colo.
Nelson, Alma	Lawrence,	Kans.
Nelson, Lucy	Berthoud,	Colo.
Nelson, Rose	Greeley,	Colo.
Nesbit, Ora	Colorado Springs,	Colo.
Nitzehe, Augusta	Nucla,	Colo.
Newell, Vera B.	Ft. Madison,	Iowa
Newman, Stella	Haxtun,	Colo.
Newlon, Dasiy B.	Colony,	Kans.
Newson, Ada C.	Douglas,	Wyo.
Newton, Pearl E.	Garden City,	Kans.
Newton, Nelle	Garden City,	Kans.
Nichols, Irene	1055 Lincoln,	Denver, Colo.
Nichols, Mannie	Florence,	Colo.
Nichols, Pearl	Victor,	Colo.
Nicholson, Paul H.	Frederick,	Colo.
Nickers, Bessie	Garland,	Texas
Nieman, E. Lana	Nortonville,	Kans.
Nisley, F. N.	Grand Junction,	Colo.
Nix, Lily L.	Brush,	Colo.
Nordberg, Anges	Leadville,	Colo.
Norman, Mrs. Otto	Luther,	Okla.
Norris, Lena	1123 Sherman,	Denver, Colo.
Norris, L. G.	2790 W. 33rd Ave.,	Denver, Colo.
Nowles, Belle	Green City,	Mo.
Nowles, Mae	Green City,	Mo.
Nowles, Ethel	Green City,	Mo.
Nowlin, E. W.	Webster Grove,	Mo.
Neimeyer, Florence	3731 Alcott,	Denver, Colo.
Noble, Myrtle	Checotah,	Okla.
Norton, Effie	Salida,	Colo.

Odd, Gertrude.....	Sugar City, Colo.
Odell, Letitia R.....	2790 W. 33rd Ave., Denver, Colo.
O'Dell, Ida.....	Dallas, Texas
Oglesby, Bertha.....	Meeker, Colo.
Oglesby, Mary.....	Meeker, Colo.
Oliver, Vera.....	Raton, N. M.
Ohlson, Ilah B.....	Nelson, Nebr.
Omer, Margaret Mrs.....	Burr Oak, Kans.
O'Neal, Helen.....	Tarkio, Mo.
Orndorff, Marguerite.....	Indianapolis, Ind.
Orndorff, Bernice.....	Greeley, Colo.
Ostberg, Nina.....	Boyer, Colo.
O'Toole, Clara E.....	Denver, Colo.
Otterness, Ida C.....	Brookings, S. Dak.
Overfield, Dennies.....	Henderson, Ky.
Oversen, Leisa.....	1117 12th Ave., Greeley, Colo.
Owen, Vernice.....	Miami, Okla.
Owen, Jaunita.....	Merino, Colo.
Owens, Anna Mrs.....	Walsenburg, Colo.
Owens, Minnie Grace.....	Walsenburg, Colo.
Ordonez, David E.....	Greeley, Colo.
Pacheco, Josephine.....	San Luis, Colo.
Paine, Nemesia.....	650 Arapahoe, Boulder, Colo.
Palmquist, Amy.....	Lindsborg, Kans.
Parker, Augusta.....	Hutchens, Kans.
Parker, Virginia.....	Oak Creek, Colo.
Parks, Clara E.....	Plainview, Nebr.
Parr, Elizabeth.....	Dallas, Texas
Patterson, Lilla Bell.....	Steamboat Springs, Colo.
Parks, Grace.....	Greeley, Colo.
Payne, Sibyl.....	Longmont, Colo.
Peacock, Ella L.....	408 Broadway, Ft. Worth, Texas
Peak, Grace.....	Avon Lake, Ohio
Pearson, Godlie.....	Hugo, Colo.
Perkins, Josie.....	Newton, Kans.
Perkins, Catherine.....	801 E 1st. Newton, Kans.
Permenter, Addie.....	Antlers, Okla.
Permenter, Rhoda.....	Palmer, Texas
Perry, Abby.....	Salida, Colo.
Perry, Charles R.....	Model, Colo.
Peterson, Ruth.....	Leadville, Colo.
Pfeifer, Harriet.....	Chillicothe, Ohio
Pfost, Dempsey.....	Kit Carson, Colo.
Pfost, Grace Moreland.....	Kit Carson, Colo.
Phelps, Ruth M.....	Colorado Springs, Colo.
Philp, Selma.....	Grover, Colo.
Phippeny, Walter W.....	1517 10th Ave., Greeley, Colo.
Phippeny, Lucile.....	1517 10th Ave., Greeley, Colo.
Phippeny, G. O.....	1517 10th Ave., Greeley, Colo.
Platt, Ruth L.....	Box 64, Wellington, Colo.
Pickering, Ruth.....	Platte, Wyo.
Pierce, Jessie.....	Fort Collins, Colo.
Pilant, Cora Mae.....	Lester, Colo.
Pickett, Sylvia Jane.....	Platteville, Colo.
Piercy, Norma.....	Mt. Vernon, Illinois
Piner, Eula.....	300 W. Hickory, Denton, Texas
Pitman, Gladys.....	Box 184, Guyman, Okla.
Pitts, Mrs. Harry.....	Loveland, Colo.
Pitcher, Anna.....	580 Bender Ave., Spencer, Iowa
Plachard, Lellie.....	Ashtabula, Ohio
Pollock, Grace.....	Fowler, Colo.
Pollock, Rosater.....	Oklahoma City, Okla.
Poole, Gladys.....	Greeley, Colo.
Poole, Alice L.....	1232 Jefferson, Wichita, Kans.
Foole, Mabel E.....	Central City, Colo.
Porter, Mrs. Grace Park.....	Grover, Colo.
Porter, Ralph M.....	Grover, Colo.
Poser, Anna Mae.....	Cleveland, Ohio
Poston, Ella M.....	Edgewater, Colo.
Potochneick, Tracy.....	Victor, Colo.
Potts, Frances.....	Council Bluffs, Iowa
Pragst, Augusta.....	1841 6th Ave., Greeley, Colo.
Priddy, Mildred.....	Pierce, Colo.
Priest, Anna.....	Clifton, Ariz.
Fruehs, Clare.....	Greeley, Colo.
Puchett, Maude.....	Partridge, Kans.
Priffer, Roberta.....	Columbia, Maine
Pyle, Ola.....	Julesburg, Colo.
Pulford, Rosepha C.....	Durango, Colo.
Queen, Mary Pearl.....	1410 Grant, Denver, Colo.
Quinby, Grace E.....	Greeley, Colo.

Quinn, Ora Grace.....	Marysville, Mo.
Quinn, Mabelle.....	Cheyenne Wells, Colo.
Raeth, G. A.....	1409 15th Ave., Greeley, Colo.
Raichart, Leona.....	Delta, Colo.
Ralston, Elizabeth.....	Trinidad, Colo.
Rardin, Maybelle.....	Colorado Springs, Colo.
Ray, Nellie.....	Wiley, Colo.
Ray, Mrs. Bella.....	Manitou, Colo.
Ream, Mary L.....	Greeley, Colo.
Reed, Mattie.....	Fort Lupton, Colo.
Reed, Mrs. Pauline.....	Oklahoma City, Okla.
Reeves, Alberta.....	Garden City, Kans.
Reick, Ida, Mrs.....	Julesburg, Colo.
Reeves, Edith.....	Mancos, Colo.
Reid, Dorothy.....	Longmont, Colo.
Reid, Beneta.....	Dearborn, Mo.
Reigelsberger, Bertha.....	Brunswick, Mo.
Reimers, Rosabelle.....	Omaha, Nebr.
Reiter, Evelyn.....	Alfalfa, Okla.
Reiter, Hattie B.....	Alfalfa, Okla.
Rhea, Alda.....	Colorado Springs, Colo.
Rhiner, Ethelyne.....	1523 1st Ave., Greeley, Colo.
Rhoades, Aileen.....	Smith Center, Kans.
Rice, Harriett Weed.....	501 E. Colfax, Denver, Colo.
Rice, Mary A.....	Jerome, Idaho
Rogan, Mary.....	Fort Worth, Texas
Richart, Lillian M.....	Longmont, Colo.
Richards, Luella.....	Central City, Colo.
Richner, Margery.....	Mancos, Colo.
Ridenhour, Faye.....	617 W. 23rd St., Pueblo, Colo.
Riddle, Mrs. Emma.....	Sherman, Texas
Rienks, Maude.....	1530 13th Ave., Greeley, Colo.
Riley, Pauline.....	Lawton, Okla.
Rischel, Rhesa Mrs.....	1022 13th St., Greeley, Colo.
Roach, Helen.....	Wheatland, Wyo.
Roach, Myrtle.....	Wheatland, Wyo.
Robb, J. Gilbert.....	Flagler, Colo.
Robb, Ruth Mrs.....	Flagler, Colo.
Robbins, Dora.....	Fort Collins, Colo.
Roberts, James W.....	1025 Bellview, La Junta, Colo.
Roberts, Lena.....	Rocky Ford, Colo.
Robertson, Alverna.....	Trinidad, Colo.
Robson, Eloise.....	Byers, Colo.
Roe, Myrtle A. Mrs.....	116 Phelps, Sterling, Colo.
Roebuck, Etta.....	Asperwont, Texas
Rogers, Ethelyn.....	Denver, Colo.
Rose, Florence.....	1717 10th Ave., Greeley, Colo.
Rose, Lila May.....	1717 10th Ave., Greeley, Colo.
Ross, Clara P.....	Muskogee, Okla.
Rossiter, Agnes.....	721 W. Broadway, Butte, Mont.
Rosenthal, Helen.....	Jamesport, Mo.
Rucker, M. A.....	Amstod, N. M.
Rucker, Mary.....	Amstod, N. M.
Rule, Emma.....	Central City, Colo.
Rule, Elizabeth.....	Central City, Colo.
Rusk, Ethelda.....	Ravenna, Nebr.
Sadler, Frances.....	Rocky Ford, Colo.
Sample, Ivan.....	Greeley, Colo.
Sandstrom, Hilma.....	Aspen, Colo.
Sawyer, Emma J.....	Newman Grove, Nebr.
Schano, Julian.....	Colorado Springs, Colo.
Schlitt, Lydia.....	Fort Collins, Colo.
Schmidt, M. Ellen.....	Omaha, Nebr.
Schmidt, Marie L.....	Omaha, Nebr.
Schmohl, Helen.....	La Porte, Colo.
Schnebly, Ellsworth M.....	Boyero, Colo.
Schofield, Sarah V.....	Manassa, Colo.
Schorber, Paul E.....	Pauley, Colo.
Schroeder, Agnes.....	Greeley, Colo.
Schroter, Mrs. Minnie.....	Creede, Colo.
Schwab, Gertrude.....	San Acacia, Colo.
Scott, C. E.....	Timnath, Colo.
Scott, Cuptal, M.....	Medicine Bow, Wyo.
Scott, Lettey.....	Plainview, Nebr.
Scott, Marion A.....	Rudyard, Mich.
Scott, Reba.....	845 Hazel Ct., Denver, Colo.
Secat, Dona.....	Ashland, Kans.
Searcy, Creola.....	McKinney, Texas
Sears, Doris.....	Ordway, Colo.
Seeburg, Florence.....	932 Marine, Boulder, Colo.
Seibert, Harriet.....	Jacksonville, Illinois

Selberg, Edith	Box 83, Greeley, Colo.
Senter, Faith	2717 Race, Denver, Colo.
Sharpe, Mabel L.	Garden City, Kans.
Sharp, Mabel	Fountain, Colo.
Shane, Lillie	Akron, Colo.
Shea, Ina	2532 Capitol, Omaha, Nebr.
Shea, Cecelia F.	Yuma, Colo.
Sheldon, Vera G.	Rockford, Illinois
Shellabarger, Gertrude	Castle Rock, Colo.
Shelton, Minnie C.	1418 8th Ave., Greeley, Colo.
Shelton, Byrd	Joplin, Mo.
Sheppard, Naomi	Eaton, Colo.
Sherwood, Stella	Carbondale, Colo.
Shore, Belle	Hugo, Colo.
Shriver, Mary J.	Wellington, Kans.
Shrock, Mildred	Fort Morgan, Colo.
Silver, Marie	Lamar, Colo.
Singleton, Dora	Delta, Colo.
Simpson, Elizabeth	1744 Broadway, Denver, Colo.
Simon, Dela	438 S. Main, Piqua, Ohio
Skinner, Edna Ferne	Atlanta, Illinois
Skold, Esther	Windsor, Colo.
Slaughter, Elizabeth A.	Colorado Springs, Colo.
Slingee, Agnes	Longmont, Colo.
Small, Georgia E.	1115 11th Ave., Greeley, Colo.
Smothers, Elizabeth B.	Stanberry, Mo.
Snider, Mary E.	Rocky Ford, Colo.
Snodgrass, Milton D.	Jerome, Idaho
Smith, Anna	Lamar, Colo.
Smith, Ethel	Colorado Springs, Colo.
Smith, Leva H.	Western, Nebr.
Smith, Mrs. Lula S.	3773 Meade, Denver, Colo.
Smith, Lulu B.	Hutchinson, Kans.
Smith, Penelope	Omaha, Nebr.
Smith, Wells	Greeley, Colo.
Smith, Nellie	La Porte, Colo.
Smith, Viva R.	3773 Meade, Denver, Colo.
Smith, Mrs. Wells	Berthoud, Colo.
Smith, Viola	Arena, Colo.
Spangler, Mary	1717 10th Ave., Greeley, Colo.
Sprinkle, Helen	Canon City, Colo.
Sobbe, Katherine	Indianapolis, Ind.
Spalding, Helen	898 S. Clarkson, Denver, Colo.
Spealman, Gladys	Arriba, Colo.
Spence, A. Marie	Rocky Rover, Ohio
Stanforth, Della	38 W. Tennessee, Denver, Colo.
Staples, Addie B.	Montrose, Colo.
Staub, Isabelle	4247 Umatilla, Denver, Colo.
Stautz, Ona	1608 13th Ave., Greeley, Colo.
Stansfield, Laura	967 Downing, Denver, Colo.
Stone, Geneva	Eaton, Colo.
Stauffer, Mrs. Myrtle	Rifle, Colo.
Steele, Vera M.	Otis, Colo.
Steel, Carrie L.	Grand Junction, Colo.
Steffan, Eliza K.	844 S. Washington, Denver, Colo.
Stewart, Mrs. C. E.	Akron, Colo.
Stewart, C. E.	Akron, Colo.
Stewart, Lulu	DeBeque, Colo.
Stockwell, Ivy	Berthoud, Colo.
Strang, Jean	Colorado Springs, Colo.
Stice, Bessie	Guymon, Okla.
Stice, Velma	Guymon, Okla.
Stidham, Oleta	Checotah, Okla.
Stork, Sister Geraldine	Canon City, Colo.
Stoelzing, Katrina	Colorado Springs, Colo.
Stover, Majorie	Manzanola, Colo.
Strickland, Eloise	Ordway, Colo.
Strother, Alta	Bunton, Mo.
Stubbs, Elda	714 Carson, La Junta, Colo.
Studle, Nellie Mae	Buena Vista, Colo.
Sturgeon, Kate	Boyero, Colo.
Sullivan, Vera	524 9th Ave., Greeley, Colo.
Summons, Barbara	La Junta, Colo.
Suitor, Florence	Alma, Nebr.
Sullivan, Mary S.	524 9th Ave., Greeley, Colo.
Surber, Loretta	Cripple Creek, Colo.
Sutherland, Maree	915 E. Main, Marion, Ill.
Sutherland, Gladys	915 E. Main, Marion, Ill.
Swanson, Anna T.	Fruita, Colo.
Swanson, Ella	R. 2., Brookings, S. Dak.
Swain, Lottie	Brighton, Colo.
Swanson, Mabel J.	Colorado Springs, Colo.
Sweeny, Mrs. Hattie	1108 Cranford, Greeley, Colo.

Sweeny, Margaret	Silt, Colo.
Syp, Louise	Lamar, Colo.
Taggart, Rosalie	Elk City, Kans.
Talbot, Ruth	Longmont, Colo.
Talhelm, Ruth	Rocky Ford, Colo.
Tanner, Blanche	Greeley, Colo.
Taylor, Dorothy	Shaw, Colo.
Taylor, Nettie	Monte Vista, Colo.
Taylor, Paula R.	1559 Williams, Denver, Colo.
Tecklenburg, Olive	965 S. Corona, Denver, Colo.
Tecklenburg, Elvira	965 S. Corona, Denver, Colo.
Templeman, Alma	Berthoud, Colo.
Terry, Clara	Norfolk, Nebr.
Thomas, Lois	Havana, Illinois
Thompson, Anna	Horton, Kans.
Thompson, Marion	1011 4th, Greeley, Colo.
Thompson, Alma	Carbondale, Colo.
Thompson, Gertrude	Howard, Kans.
Thompson, Josephine	Carbondale, Colo.
Thompson, Juae E.	Grand Junction, Colo.
Thompson, Ruby	Bowling Green, Mo.
Tiddall, Elizabeth	Goldfield, Colo.
Tilford, Lela Ann	Iriton, Iowa
Tillon, Sarah A.	Orchard Park, New York
Tilyou, Mabel	Greeley, Colo.
Tineblind, Nell	Atchison, Kans.
Tomkinson, Edith E.	Council Bluffs, Iowa
Tomkinson, Mary	Council Bluffs, Iowa
Tobin, Lucile	Globe, Ariz.
Tornell, Edna A.	Idaho Springs, Colo.
Toraans, Mable	Checotah, Okla.
Tobey, Martha M.	Stoughton, Mass.
Torgason, Ida M.	Aurora, Colo.
Travis, R. C.	1223 10th Ave., Greeley, Colo.
Tubbs, Ruth H.	3334 Yuma, Denver, Colo.
Tucker, Eula	Codell, Kans.
Tufts, Gladys	Abilene, Kans.
Tuggle, Verne	Hillsdale, Ind.
Turner, Annis	Collbran, Colo.
Turner, Clara	Greeley, oClo.
Turner, Lynne	Woodson, Texas
Turner, Edna	Ault, Colo.
Turcell, Anna B.	Severance, Colo.
Tweedale, Hannah	Trinidad, Colo.
Tyler, Edna	Arriba, Colo.
Unfug, Mary H.	Walsenburg, Colo.
Unger, John C.	Hugo, Colo.
Vallandingham, Beryl	Rose Hill, Iowa
Vallat, Genevieve	Gowanda, Colo.
Vandevort, C. Erna	Wapello, Iowa
Vandiver, Maude	Montrose, Colo.
Van Eps, Ethel	1814 5th Ave., Ft. Dodge, Iowa
Vigil, Edna Marie	San Luis, Colo.
Vincent, Mrs. H. H.	3346 Bryant, Denver, Colo.
Wadsworth, Syrena	Greeley, Colo.
Wachtel, Aura D.	Wiggins, Colo.
Wade, Edith	Elwood, Nebr.
Wagner, Joseph	Gowanda, Colo.
Waldo, Ada C.	Rockford, Illinois
Waldo, Jennie E.	Rockford, Illinois
Walker, Dexter B.	3857 Xavier, Denver, Colo.
Wall, John F.	1011 11th St., Greeley, Colo.
Wallace, M. M.	Denver, Colo.
Waller, May M.	Longmont, Colo.
Wallingford, Iva	Horton, Kans.
Walsh, Nellie Erin	Pueblo, Colo.
Walsh, Genevieve B.	Cedaradge, Colo.
Walker, Sevalya	Dallas, Texas
Walter, Nellie	714 14th, Greeley, Colo.
Walters, Mary	Arriba, Colo.
Ward, Burma	Canon City, Colo.
Ward, Vern	Longmont, Colo.
Ward, Olive	Eaton, Colo.
Ward, Gertrude	Canon City, Colo.
Ward, Burma	Canon City, Colo.
Warner, E. J.	Findlay, Ohio
Warren, Edith	Creede, Colo.
Wassaw, Esther	Cripple Creek, Colo.
Watts, Lillie E.	2246 Eudora, Denver, Colo.

Watts, Zela.....	Meridian, Idaho
Watson, Alice M.....	1003 Lincoln, Denver, Colo.
Weatherman, Winifred.....	Loveland, Colo.
Weathers, Nellie.....	Walters, Okla.
Webb, Elba M.....	Greeley, Colo.
Webb, John.....	Greeley, Colo.
Webster, Mabel C.....	Rose Hill, Kans.
Webster, Margaret.....	Paris, Texas
Webster, Mary E.....	3613 Live Oak, Dallas, Texas
Weedin, Della.....	Tarkio, Mo.
Weeks, Ednamay.....	Cherokee, Okla.
Wells, Laura.....	Plevna, Kans.
Welsh, Edna F.....	Greeley, Colo.
Weller, Walter W.....	Elizabeth, Colo.
Werkheiser, Ruth.....	Greeley, Colo.
Weseman, Ada.....	1815 10th Ave., Greeley, Colo.
Wesner, Pauline.....	Sterling, Colo.
Wetzell, Gertrude.....	Checotah, Okla.
Weymouth, Edith.....	West Hotel, Denver, Colo.
Wheaton, Anna.....	1118 8th Ave., Greeley, Colo.
Whetsel, Mildred.....	108 Rice St., Pueblo, Colo.
Wills, Maude.....	1024 9th St., Greeley, Colo.
Wildor, Leone.....	Casper, Wyo.
Wiley, Lula.....	Colorado Springs, Colo.
Williams, Gladys.....	St. Francis, Kans.
Williams, Mrs. H. M.....	Greeley, Colo.
Wilson, Frances.....	Folsom, N. M.
Wheaton, Esther.....	Greeley, Colo.
Whisenand, Eithel.....	Silden, Kans.
White, Audrey.....	Longmont, Colo.
White, Burk.....	Vinita, Okla.
White, Julia M.....	3207 Vine, Denver, Colo.
White, H. Lou, Mrs.....	Cripple Creek, Colo.
White, Mabel A.....	Colorado Springs, Colo.
White, Mildred A.....	Winfield, Kans.
Whiteman, Dielma.....	Cimarron, N. M.
Whiteman, Eunice.....	Cimarron, N. M.
White, Ramona.....	Cripple Creek, Colo.
Whyte, Beatrice.....	Britton, Oklahoma
Wilson, Isabel.....	Trinidad, Colo.
Winkler, Mrs. W. L.....	Pierce, Colo.
Winn, Eleanor M.....	Dallas, Texas
Winter, Mrs. Elizabeth.....	Gainesville, Texas
Winter, May L.....	El Moro, Colo.
Wilber, Earlanne.....	Lindsborg, Kans.
Wilcox, Esther.....	Center Junction, Iowa
Wilcox, Gertrude.....	Kline, Colo.
Wildhack, Katherine.....	Meeker, Colo.
Wildhack, Leona.....	Meeker, Colo.
Wildor, Leone.....	Casper, Wyo.
Wilkinson, R. A.....	La Grande, Oregon
Williams, Ella M.....	1123 Elizabeth, Denver, Colo.
Williams, Frances.....	Trinidad, Colo.
Williams, Frances.....	1610 11th Ave., Greeley, Colo.
Williams, Dolly.....	Cheyenne Wells, Colo.
Williams, Olive.....	944 E. 19th Ave. Denver, Colo.
Williams, Mae.....	Wiley, Colo.
Williams, Sarah.....	Sterling, Colo.
Williams, Yvetta.....	Chama, N. M.
Wilson, Evalyn.....	McClave, Colo.
Wilson, Grace.....	1118 9th, Greeley, Colo.
Wilson, Gertrude.....	1010 E. 17th, Denver, Colo.
Wilson, Estelle Ross.....	2533 Gilpin, Denver, Colo.
Wilson, Mabel.....	Eaton, Colorado
Wilson, Helen.....	Greeley, Colo.
Wilson, John W.....	Hazelton, Idaho
Wilson, Nellie.....	Eaton, Colo.
Wisehart, Aletha J.....	Sheldon, Mo.
Wisroth, Minnie.....	Fort Morgan, Colo.
Williams, Mabel.....	Trinidad, Colo.
Wolf, Florence.....	Colorado Springs, Colo.
Wolfer, Margaret.....	Fort Collins, Colo.
Womelsdorf, Bertha M.....	Quincy, Illinois
Woodward, Gretta.....	Trinidad, Colo.
Wood, Robert F.....	1526 9th Ave. Greeley, Colo.
Wood, Anna.....	Great Bend, Ind.
Wood, Veronica D.....	1562 S. Acoma, Denver, Colo.
Woodard, Mary.....	Oklahoma City, Okla.
Woodberg, Agnes.....	Greeley, Colo.
Woodburn, Elizabeth.....	Topeka, Kans.
Woodley, Ruth.....	Marion, Illinois
Woodward, Pearl.....	Archer, Nebr.
Woodward, Ruth.....	1521 9th Ave., Greeley, Colo.

Workman, Louise.....	945 Gladstone, Sheridan, Wyo.
Wormser, L. Nora.....	Park Hotel, Dallas, Texas
Workman, Nellie.....	Sheridan, Wyo.
Worley, R. J.....	Colorado Springs, Colo.
Worrall, Laverne B.....	Simla, Colo.
Wright, Edna F.....	1841 6th Ave., Greeley, Colo.
Wright, Floy L.....	Quincy, Illinois
Wright, Louise.....	Ft. Smith, Ark.
Wyde-Brown, Gladys.....	Friend, Nebr.
Yates, E. O.....	Greeley, Colo.
Yockey, Laurena.....	Buena Vista, Colo.
Young, Marguerite.....	Wellington, Colo.
Young, Matie.....	Denver, Colo.
Young, Geo. P.....	Evans, Colo.
York, Verlie.....	Craig, Okla.
Zimmerman, Ruth.....	Vroman, Colo.
Zollars, Beulah G.....	Kansas City, Mo.
Zook, Marvel Mae.....	Erie, Colo.
Zapf, Frieda B.....	1012 5th Ave., Greeley, Colo.

School of Adults

FALL, WINTER AND SPRING QUARTERS
1919-20

Adolphson, Elsie.....	Cheyenne, Wyo.
Calvin, Leonard.....	Greeley, Colo.
Cameron, Margaret.....	Greeley, Colo.
Davidson, Mabel.....	Douglas, Wyo.
Dillon, Mamie.....	Sioux City, Iowa
Hammond, Dolores.....	Kersey, Colo.
Hood, Blanche.....	Rolla, Mo.
Hooper, Frances.....	Denver, Colo.
Koeneke, Hilda.....	Fort Morgan, Colo.
Seeley, Mary.....	Greeley, Colo.
Shelton, Maurine.....	Briggsdale, Colo.
Steck, Mabel.....	Southerland, Nebr.
Wells, Mabel.....	Greeley, Colo.
Williams, Mrs. W. M.....	Greeley, Colo.
Young, Mary M.	Arickaree, Colo.

SUMMER QUARTER

1920

Allen, Ara Mae.....	Wayland, Iowa
Allen, Mrs. Rose.....	623 13th St., Greeley, Colo.
Ambrose, Amanta.....	Fort Morgan, Colo.
Applegit, Nettie.....	Cook, Nebr.
Austin, Blanche.....	Silt, Colo.
Barber, Sara.....	Grover, Colo.
Barbour, Flora.....	Edgewater, Colo.
Bekemeyer, W. C.....	1405 7th Ave., Greeley, Colo.
Bell, Ruby.....	Walsenburg, Colo.
Brandon, Elizabeth.....	Otis, Colo.
Branson, Grace.....	R. R. 2., Loveland, Colo.
Bratton, Georgia.....	Westplaines, Colo.
Bratzman, Ira.....	Fairdale, Penn.
Brown, Martha Mrs.....	S. L. W. Ranch, Greeley, Colo.
Bullard, Vada.....	Hudson, Colo.
Burks, Winifred.....	Towner, Colo.
Burton, Thelma.....	Wellfleet, Nebr.
Cole, Frances.....	Eckley, Colo.
Campbell, Mrs. M. E.....	Beecher City, Illinois
Cannon, Martha.....	Glenvil, Nebr.
Ditto, Vesta.....	Cushing, Okla.
Draper, Gladys.....	1817 7th Ave., Greeley, Colo.
Dunkley, Edith.....	Dunkley, Colo.
Eckard, Bessie.....	Pawnee City, Nebr.
Emerson, Jessie.....	Oregon, Illinois
Flagesli, Mrs. F.....	Walsenburg, Colo.
Flood, Helen.....	1744 8th Ave., Greeley, Colo.
Fleming, Nelle.....	Evergreen, Colo.
Fillman, Emma.....	Samai, Colo.
Fogg, Ella.....	Cordell, Okla.
Gaiser, Ida.....	Solomon, Kans.
Gillette, Gloy J.....	Padroni, Colo.
Hays, Leon.....	Manitou, Okla.
Hays, Effie.....	Manitou, Okla.
Hartway, Irene.....	Westplaines, Colo.
Johnston, Blanche.....	Flagler, Colo.
Johnson, Hazel.....	Arriba, Colo.

Kindred, S. B.	803 16th St.,	Greeley, Colo.
Kindred, Mrs. S. B.	803 16th St.,	Greeley, Colo.
King, Lenora		Solomon, Kans.
Klassen, Marie		Kirk, Colo.
Kyle, Margaret		
Louis, Anna E.		Hiawatha, Kans.
McCallum, Addie		Arriba, Colo.
McDonnall, Gladys		Holyoke, Colo.
McGovern, Mary	927 6th St.,	Greeley, Colo.
McNicholl, Grace		Elizabeth, Colo.
Petty, Barbara		Plattsmouth, Nebr.
Philps, Selma		Grover, Colo.
Porter, Novellenne	1631 10th Ave.,	Greeley, Colo.
Probasco, Selma		Siebert, Colo.
Record, Matilda		Granada, Colo.
Rice, Mary		Greeley, Colo.
Robirds, May		Padroni, Colo.
Ryan, Helen		Eldorado, Kans.
Sanbo, Helen E.	2418 Tremont Place,	Denver Colo.
Sawyer, Perl	2418 Lafayette,	Denver, Colo.
Schurman, Mary	306 E. 7th St.,	Trinidad, Colo.
Schweiger, Caroline		Lafayette, Colo.
Scott, Grace		Rudyard, Michigan
Swanson, Mabel J.	218 E. 9th St.,	Colorado Springs, Colo.
Steck, Mabel		Sutherland, Nebraska
Steidley, Lurene	1127 LaPorte Ave.,	Ft. Collins, Colo.
Vigil, Rose		San Luis, Colo.
Ware, Amy S.	1229 5th St.,	Greeley, Colo.
White, Iola		New Raymer, Colo.
Whitten, Florence		Gill, Colo.
Williams, Lulu		Silt, Colo.
Williamson, Zay		La Jara, Colo.
Zanolio, Grace		Durango, Colo.
Zapf, Freida	1012 5th Ave.,	Greeley, Colo.
Eklund, Martha		Greeley, Colo.

Extension Group Plan

1919-20

Abbott, Carlotta.....	Denver,	Colo.
Adkinson, Mary E.....	Denver,	Colo.
Addleman, Minnie B.....	Denver,	Colo.
Allen, James.....	Ft. Collins,	Colo.
Allison, Grace.....	Denver,	Colo.
Allphine, Helen.....	Denver,	Colo.
Anderson, Edna.....	Denver,	Colo.
Anderson, Marcia.....	Montrose,	Colo.
Anderson, Pearl.....	Delta,	Colo.
Anthony, Florine.....	Denver,	Colo.
Anthony, Hazel.....	Denver,	Colo.
Armstrong, Dorothy.....	Ft. Collins,	Colo.
Austin, Muriel.....	Denver,	Colo.
Baker, Lillian.....	Fort Collins,	Colo.
Barock, Eulalia.....	Denver,	Colo.
Bartholomew, R. R.....	La Junta,	Colo.
Barton, Minnie B.....	Ft. Collins,	Colo.
Barker, Miriam B.....	Denver,	Colo.
Ball, Katherine.....	Denver,	Colo.
Balcom, Caroline.....	Denver,	Colo.
Bergstrand, Nellie.....	Denver,	Colo.
Bettes, Laura J.....	Denver,	Colo.
Bergstrand, Nellie.....	Denver,	Colo.
Beatty, Mary E.....	Denver,	Colo.
Beamer, Alice E.....	Denver,	Colo.
Beck, S. A.....	Brighton,	Colo.
Baynon, Margaret M.....	Denver,	Colo.
Berlmer, Belle.....	Pueblo,	Colo.
Beer, Winifred.....	Denver,	Colo.
Becker, Lillie.....	Denver,	Colo.
Beck, Olive.....	Denver,	Colo.
Bishop, Ruth.....	Denver,	Colo.
Bliss, Cora M.....	Denver,	Colo.
Blackler, Roland.....	Denver,	Colo.
Blackler, Mrs. Margaret.....	Denver,	Colo.
Boge, Mabel.....	Denver,	Colo.
Boggess, Estelle.....	Denver,	Colo.
Bohnam, Ruth Ann.....	Denver,	Colo.
Boyles, Sadie J.....	Denver,	Colo.
Boge, Ethel.....	Denver,	Colo.
Borst, Ella Henry.....	Denver,	Colo.
Boreing, Maude.....	Pueblo,	Colo.
Boyles, Hattie O.....	Denver,	Colo.
Bowles, Elda W.....	Denver,	Colo.
Boyd, Helen S.....	Denver,	Colo.
Boyer, Monte J.....	Denver,	Colo.
Bramkamp, Ethel.....	Denver,	Colo.
Brubaker, Evelyn.....	Denver,	Colo.
Brines, Mary.....	Denver,	Colo.
Brower, Lottie A.....	Denver,	Colo.
Brooks, Ella.....	Denver,	Colo.
Brunton, Jessie.....	Ft. Collins,	Colo.
Bryson, Elizabeth.....	Ft. Collins,	Colo.
Brandon, Elizabeth.....	Akron,	Colo.
Brines, Mary.....	Denver,	Colo.
Brown, Amy.....	Denver,	Colo.
Bradley, Ruby.....	Pueblo,	Colo.
Budd, Ruth.....	Delta,	Colo.
Bunger, Berness.....	Denver,	Colo.
Busey, Callie.....	Montrose,	Colo.
Burson, Viols.....	Pueblo,	Colo.
Cabeen, Anna.....	La Junta,	Colo.
Camfield, Mary.....	Denver,	Colo.
Camuth, Dorothy.....	Ft. Collins,	Colo.
Campbell, Stelle M.....	Denver,	Colo.
Cannon, Brenda.....	Denver,	Colo.
Carr, Olive.....	Brighton,	Colo.
Caverly, Edna.....	Ft. Collins,	Colo.
Carter, Mary.....	Denver,	Colo.
Caverly, Frances.....	Denver,	Colo.
Churchill, Lillian, Mrs.....	Denver,	Colo.

Cherrington, Mary	Pueblo, Colo.
Chapin, Eldora	Denver, Colo.
Chase, Sedalia Gass	Denver, Colo.
Charles, C. W.	Denver, Colo.
Chase, Lucile B.	Denver, Colo.
Clark, Mrs. Florence E.	Denver, Colo.
Clark, Mary E.	Denver, Colo.
Class, Sara	Brighton, Colo.
Cloud, Frankie	Delta, Colo.
Colby, Mabel A.	Denver, Colo.
Connelly, Kate M.	Denver, Colo.
Connul, Myrel	Pueblo, Colo.
Conrell, Laura	Denver, Colo.
Corey, Elizabeth	Denver, Colo.
Cornell, Laura A.	Denver, Colo.
Coyle, Dena	Pueblo, Colo.
Craig, Edna	Denver, Colo.
Crawford, Ethel Dee	Denver, Colo.
Craig, Maude L.	Denver, Colo.
Crazer, Mary	Denver, Colo.
Curran, Anna C.	Denver, Colo.
Curtis, Bessie	Pueblo, Colo.
Dailey, Grace	Denver, Colo.
Dalle, Flora I.	Denver, Colo.
Daly, Julia	Denver, Colo.
Davidson, Mary O.	Denver, Colo.
Davidson, Veda G. Mrs.	Denver, Colo.
Davis, Willie	La Junta, Colo.
Dickman, Lurtje B.	Denver, Colo.
Dresser, Agusta	Denver, Colo.
Donahue, Jessie	Pueblo, Colo.
Duffer, Martha	Denver, Colo.
Dunn, A. H.	Ft. Collins, Colo.
Duncan, Kathryn	Denver, Colo.
Duray, Minnie	Denver, Colo.
Dyer, Mrs. Anna Z.	Pueblo, Colo.
Eagleton, M. E.	Denver, Colo.
Eagleton, W. H.	Denver, Colo.
Eagleton, Mrs. W. H.	Denver, Colo.
Eaton, Ethel	Brighton, Colo.
Edmiston, Rosalie	Denver, Colo.
Elliott, Mrs. Agnes	Pueblo, Colo.
Engelton, Bonnie	Pueblo, Colo.
Erwin, Anna R.	Denver, Colo.
Evans, Margaret D.	Denver, Colo.
Fanelly, Clara	Denver, Colo.
Farrelly, Clara	Denver, Colo.
Fessler, Margaret	Ft. Collins, Colo.
Fisher, Annie C.	Denver, Colo.
Fisher, Elizabeth	Ft. Collins, Colo.
Fletcher, Mary L.	Denver, Colo.
Floyd, Catherine	Denver, Colo.
Force, Anna Laura	Denver, Colo.
Forwythe, Mrs. M. W.	Denver, Colo.
Foster, Arthur J.	Delta, Colo.
Fowler, Mrs. B. L.	Brighton, Colo.
Fowler, D. L. Dr.	Brighton, Colo.
Frees, Anna M.	Denver, Colo.
French, Nelle	Denver, Colo.
Frye, Mary D.	Denver, Colo.
Fryer, Nora G.	Denver, Colo.
Gavin, Mae F.	Denver, Colo.
Gallagher, Florence	Ft. Collins, Colo.
Gallup, Ruth	Denver, Colo.
Gardner, Willie Mrs.	Denver, Colo.
Gay, Ada E.	Denver, Colo.
Gard, Clara F.	Denver, Colo.
Gayton, Mrs. Julia H.	Pueblo, Colo.
Gallup, Mrs.	Pueblo, Colo.
Gaines, Louise	Pueblo, Colo.
Gaines, Mary	Pueblo, Colo.
Gedney, Beatrice	Denver, Colo.
Gilmore, Angela	Denver, Colo.
Gillis, Mary E.	Denver, Colo.
Gibbs, Elizabeth	La Junta, Colo.
Glenn, Ada	Denver, Colo.
Glenn, Florence	Denver, Colo.
Gordon, Mrs. Winifred	Denver, Colo.
Godsman, Charlotte	Denver, Colo.
Goebel, Jessie E.	Denver, Colo.

Graham, Mrs. Grace	Akron,	Colo.
Green, Mrs. Anna	Denver,	Colo.
Green, Mary G. H.	Denver,	Colo.
Griffin, M. H.	Brighton,	Colo.
Gust, Katherine	Denver,	Colo.
Gwynn, Cora Mae	Pueblo,	Colo.
Hall, Grace B.	Denver,	Colo.
Hall, Mrs. Grace P.	Denver,	Colo.
Hannahs, Ada B.	Denver,	Colo.
Hansen, Katherine	Denver,	Colo.
Harris, Ruth	Akron,	Colo.
Harshman, Edith Johnson	Akron,	Colo.
Hawthorne, Mrs. Bessie	Denver,	Colo.
Hamilton, Jessie	Denver,	Colo.
Hardin, Achsah	Pueblo,	Colo.
Haverty, Estelle	Pueblo,	Colo.
Haverty, Dorothy	Pueblo,	Colo.
Hamberger, Etta	Pueblo,	Colo.
Heabler, Grace	Denver,	Colo.
Hedges, Cecelia M.	Denver,	Colo.
Hemberter, Elizabeth	Denver,	Colo.
Henbler, Grace	Denver,	Colo.
Henderson, Alice	Ft. Collins,	Colo.
Henen, C. M.	La Junta,	Colo.
Herman, Blanche	Denver,	Colo.
Heinzman, Ruth	Pueblo,	Colo.
Hildebrand, Etta K.	Denver,	Colo.
Hipp, Carrie T.	Denver,	Colo.
Hoener, Esther V.	Denver,	Colo.
Hoffman, Fern Mrs.	Denver,	Colo.
Holmes, Anne H. M.	Denver,	Colo.
Holmes, Ethel E.	Denver,	Colo.
Homsher, Ruth Ann	Denver,	Colo.
Holland, Mabelle	Montrose,	Colo.
Hollander, Esther Ethel	Denver,	Colo.
Hooper, Hypatia	Denver,	Colo.
Hollander, Ethel H.	Denver,	Colo.
Hoover, Borden P.	Ft. Collins,	Colo.
Hopkins, Mary E.	Denver,	Colo.
Horton, Ada	Delta,	Colo.
Houghton, Roy	Greeley,	Colo.
Hughes, Della A.	Denver,	Colo.
Hunt, Carra	Denver,	Colo.
Hunt, Mayme S.	Denver,	Colo.
Hon, Clyde E.	Denver,	Colo.
Ingle, Erle B.	Greeley,	Colo.
Irving, Amelia	Denver,	Colo.
Isabell, Rachel	Denver,	Colo.
Isham, A. F.	Brighton,	Colo.
Isham, Mary H. Mrs.	Brighton,	Colo.
Iwing, Amelia	Denver,	Colo.
Jacobs, Clara M.	Pueblo,	Colo.
Jameson, Dora C.	Denver,	Colo.
Jones, Evelyn	Denver,	Colo.
Johnson, A. C.	Brighton,	Colo.
Johnson, Anna	Denver,	Colo.
Johnson, Anna M.	Denver,	Colo.
Johnson, Bernadine	Denver,	Colo.
Johnson, Dora C.	Denver,	Colo.
Johnson, Ella C.	Denver,	Colo.
Johnson, Elva	Brighton,	Colo.
Johnson, Hannah	Denver,	Colo.
Johnson, Lenora M.	Denver,	Colo.
Johnston, Maude Mrs.	Denver,	Colo.
Jones, Mollie A.	Pueblo,	Colo.
Kannon, Emma Mrs.	Denver,	Colo.
Keller, Elizabeth M.	Denver,	Colo.
Kelly, Julia A.	Denver,	Colo.
Kennon, Emma Mrs.	Denver,	Colo.
Ketner, Sarah P.	Denver,	Colo.
Kettering, Mary H.	Denver,	Colo.
Kimball, Martha	Denver,	Colo.
King, Estelle	Denver,	Colo.
King, Mrs. Ellen	Pueblo,	Colo.
King, Mrs. Mary	Denver,	Colo.
Kindall, Mary	Pueblo,	Colo.
Kinport, J. Katherine	Denver,	Colo.
Klein, Everett	Greeley,	Colo.
Klein, Louise	Denver,	Colo.

Kline, Anna.....	Montrose,	Colo.
Kreiner, Marie.....	Denver,	Colo.
Kromer, Helen.....	Brighton,	Colo.
Krusen, Alma.....	Denver,	Colo.
Lambie, May.....	Denver,	Colo.
Lafferty, Edith M.....	Denver,	Colo.
Lage, Mrs.....	Greeley,	Colo.
Lake, Fannie K.....	Denver,	Colo.
Lamb, Helen.....	Brighton,	Colo.
Lambie, Jean.....	Denver,	Colo.
Larimer, Leota.....	Denver,	Colo.
LaVelli, Mary.....	Denver,	Colo.
Leach, Etta.....	Brighton,	Colo.
Liberell, Cora B.....	Ft. Collins,	Colo.
Lippitt, Ruth Ann.....	Denver,	Colo.
Longan, Anna M.....	Denver,	Colo.
Lord, Stella M.....	Denver,	Colo.
Loughran, Loretta.....	Denver,	Colo.
Love, Helen.....	Ft. Collins,	Colo.
Lowe, Anne F.....	Denver,	Colo.
Lyon, Florence.....	Denver,	Colo.
McArthur, Annie Mrs.....	Denver,	Colo.
McAnelly, Mildred.....	Ft. Collins,	Colo.
McArthur, Jessie.....	Denver,	Colo.
McClintock, Alva.....	Ft. Collins,	Colo.
McCline, Adelle.....	Denver,	Colo.
McCorma, Jean.....	Brighton,	Colo.
McDaniel, Grace.....	Pueblo,	Colo.
McDaniel, Mabel.....	Pueblo,	Colo.
McDonald, Mary E.....	Denver,	Colo.
McFadden, Tena.....	Denver,	Colo.
McFarland, Hazel.....	Pueblo,	Colo.
McLain, Susan.....	Denver,	Colo.
McMeen, Geo. M.....	Denver,	Colo.
McNair, Nell.....	Denver,	Colo.
MacClaney, Mrs. W. F.....	Pueblo,	Colo.
Maclear, Florence.....	Denver,	Colo.
Maher, Catherine.....	Denver,	Colo.
Mahoney, Elizabeth.....	Denver,	Colo.
Mahuran, I. H.....	Trinidad,	Colo.
Malius, Edith S.....	Denver,	Colo.
Mallonee, Iva.....	Denver,	Colo.
Maloney, Mary E.....	Denver,	Colo.
Mason, Alice.....	Ft. Collins,	Colo.
Malins, Edith S.....	Denver,	Colo.
Meeker, Lydia G.....	Denver,	Colo.
Merrill, Grace.....	Brighton,	Colo.
Merrill, Hattiebell.....	Greeley,	Colo.
Miles, Cornelia S.....	Denver,	Colo.
Meigs, Isabella.....	Pueblo,	Colo.
Miller, Lida.....	Denver,	Colo.
Miller, Anna.....	Denver,	Colo.
Miller, Katherine.....	La Junta,	Colo.
Miller, Noble.....	Denver,	Colo.
Mills, Ethel.....	Denver,	Colo.
Mills, Ruth Esther.....	Denver,	Colo.
Moffet, Helen.....	Pueblo,	Colo.
Moore, Emily E. Mrs.....	Denver,	Colo.
Moore, Dora.....	Denver,	Colo.
Moore, Jessie R.....	Ft. Collins,	Colo.
Moore, Josephine.....	Denver,	Colo.
Moore, Pearl L.....	Ft. Collins,	Colo.
Morgan, Grace M.....	Denver,	Colo.
Morgan, Maude.....	Brighton,	Colo.
Morris, Mary E.....	Denver,	Colo.
Munn, Mrs. Jessie.....	Pueblo,	Colo.
Myers, Blanche.....	Denver,	Colo.
Nash, Margaret.....	Trinidad,	Colo.
Nash, Mary.....	Trinidad,	Colo.
Neff, Helen.....	Denver,	Colo.
Neilson, Edna M.....	Denver,	Colo.
Noce, Lillian.....	Denver,	Colo.
Norris, Lillian.....	Denver,	Colo.
Norris, Wendall.....	Greeley,	Colo.
Norris, Josephine, Mrs.....	Denver,	Colo.
O'Boyle, Georgia Mrs.....	Denver,	Colo.
O'Boyle, Lila.....	Denver,	Colo.
O'Boyle, Sila M.....	Denver,	Colo.
O'Brien.....	Denver,	Colo.

O'Toole, Clara E.	Denver,	Colo.
Oviatt, Inez	Brighton,	Colo.
Owen, Gwen P.	Denver,	Colo.
Parkyn, Esther	Denver,	Colo.
Parsons, Gail	Denver,	Colo.
Parsons, Jessalyn	Denver,	Colo.
Parsons, Richard	Denver,	Colo.
Pavella, Minnie F.	Denver,	Colo.
Paulson, Conrad	Greeley,	Colo.
Penny, Mrs. Lillian	Denver,	Colo.
Pfrimmer, Emma	Denver,	Colo.
Pfrimmer, Edmonia	Denver,	Colo.
Pfrimmer, Katherine	Denver,	Colo.
Phillips, H. L.	Denver,	Colo.
Phillips, Nellie	Brighton,	Colo.
Plunk, A. P.	La Junta,	Colo.
Poff, Rose B.	Denver,	Colo.
Porter, Mand B.	Denver,	Colo.
Prescott, Blake	Greeley,	Colo.
Price, Alberta	Denver,	Colo.
Price, Margaret A.	Denver,	Colo.
Priddy, Bessie	Ft. Collins,	Colo.
Prince, Carrie M.	Denver,	Colo.
Probst, Emma	Denver,	Colo.
Proctor, Herbert	Greeley,	Colo.
Quayle, Ella K.	Denver,	Colo.
Raichart, Eva	Delta,	Colo.
Ramey, Dorcas	Brighton,	Colo.
Randell, Mayme	Denver,	Colo.
Redwine, Mrs. Rose	Pueblo,	Colo.
Reed, Dorothy F.	Denver,	Colo.
Reid, Dorothy Mrs.	Denver,	Colo.
Reed, Florence E.	Ft. Collins,	Colo.
Reed, Minnie E.	Brighton,	Colo.
Rees, Margaret	Brighton,	Colo.
Reincehl, Sophie	La Junta,	Colo.
Rhoads, Wm.	Greeley,	Colo.
Rice, Harriet Weed	Denver,	Colo.
Richard, Carrie A.	Denver,	Colo.
Richardson, Hattie	Denver,	Colo.
Richmond, Emma	Denver,	Colo.
Ritter, Garnett	Pueblo,	Colo.
Roberts, J. W.	La Junta,	Colo.
Roberts, Helen	Ft. Collins,	Colo.
Roberts, Paul	Denver,	Colo.
Robinette, Sara J.	Denver,	Colo.
Robinson, Agnes M.	Denver,	Colo.
Rogers, Ethelyn	Denver,	Colo.
Rolfe, Izori	Denver,	Colo.
Romick, Edna	Denver,	Colo.
Romick, Lida	Denver,	Colo.
Romick, Nell	Denver,	Colo.
Rood, Mrs. H. H.	Denver,	Colo.
Rowland, Sara	Denver,	Colo.
Royce, Alice A.	Denver,	Colo.
Rudolph, Elizabeth	Denver,	Colo.
Ruggles, Maude A.	Denver,	Colo.
Ryan, Adele	Denver,	Colo.
Ryan, Jennie J.	Denver,	Colo.
Sabin, Mary S.	Denver,	Colo.
Sansburn, Mrs. Alvin	Akron,	Colo.
Sawyer, Eldora M.	Denver,	Colo.
Scheel, Helen	Brighton,	Colo.
Scheffler, Josephine	Denver,	Colo.
Schenik, Loretta	Pueblo,	Colo.
Schisler, Pearl	Denver,	Colo.
Schumacher	Greeley,	Colo.
Schwass, Emma	Ft. Collins,	Colo.
Scitt, Mancy May	Ft. Collins,	Colo.
Scrafford, Mabelle M.	Denver,	Colo.
Sheldon, Mabel	La Junta,	Colo.
Shepherd, Bessie	Denver,	Colo.
Sheppard, Bessie	Denver,	Colo.
Shriber, Eva	Ft. Collins,	Colo.
Shomaker, Edith	Pueblo,	Colo.
Shroder, Mand	Denver,	Colo.
Sieg, Elizabeth C.	Denver,	Colo.
Simpson, Genevieve	Denver,	Colo.
Sleeper, Sara	Denver,	Colo.

Smith, E. W.	Denver, Colo.
Smith, Elwin C.	Denver, Colo.
Smith, Leffie	Pueblo, Colo.
Smith, Mary E.	Denver, Colo.
Snyder, Mary	Denver, Colo.
Snyder, Rosa E.	Ft. Collins, Colo.
Songer, Ruth	Pueblo, Colo.
Spangler, Grace	Ft. Collins, Colo.
Starr, Lelah	Denver, Colo.
Staub, Isabelle	Denver, Colo.
Stearns, R. M.	Denver, Colo.
Steffen, Eliza K. Mrs.	Denver, Colo.
Stoddard, Helen	Pueblo, Colo.
Stone, Gertrude	Pueblo, Colo.
Story, Lola Mrs.	Brighton, Colo.
Stubbs, Elda	La Junta, Colo.
Strothoff, Mary	Ft. Collins, Colo.
Smith, Mrs. Mary	Denver, Colo.
Swain, Lottie	Brighton, Colo.
Sweet, Inez E.	Denver, Colo.
Sweeney, Frances	Denver, Colo.
Swenson, Blanda	Denver, Colo.
Taube, Ida	Pueblo, Colo.
Taylor, Lillian	Brighton, Colo.
Taylor, Paula Mrs.	Denver, Colo.
Thomas, Roscoe B.	Pueblo, Colo.
Thompson, Anna P.	Ft. Collins, Colo.
Thompson, Nellie	Denver, Colo.
Tirey, Robert M.	La Junta, Colo.
Tirey, Ruth	La Junta, Colo.
Tobey, Mary R. Mrs.	Pueblo, Colo.
Tredway, Jessie M.	Denver, Colo.
Trehearne, Frances	Denver, Colo.
Tuck, Grace	Denver, Colo.
Tully, Mary C.	Denver, Colo.
Ure, Frances M.	Denver, Colo.
Van Gordon, Grace	Denver, Colo.
Vaughn, Elsie M.	Denver, Colo.
Vermillion, Eva Lynne	Denver, Colo.
Walker, Ida	Denver, Colo.
Walsh, Eva M.	Denver, Colo.
Walter, Sadie	Denver, Colo.
Walters, Jane Marie	Denver, Colo.
Watson, Agnes Mrs.	Denver, Colo.
Watson, Alice M.	Denver, Colo.
Watson, Bessie	La Junta, Colo.
Watts, Lillie	Denver, Colo.
Watts, Tillie E.	Denver, Colo.
Waxham, Faith C.	Denver, Colo.
Weeber, Callie	Denver, Colo.
Weiland, Alice	La Junta, Colo.
Welker, Ida	Denver, Colo.
Weller, W. H.	Delta, Colo.
Wheeler, Avis C.	Denver, Colo.
Whitney, Maybelle	Denver, Colo.
White, Julie M.	Denver, Colo.
Whetsel, Anna L. Mrs.	Pueblo, Colo.
Whyte, Lucille B.	Denver, Colo.
Wiegel, Caroline	Denver, Colo.
Whitehead, Josephine	Denver, Colo.
Whitehead, Sarah	Denver, Colo.
Williams, Ethel S.	Pueblo, Colo.
Williamson, Louisa	Denver, Colo.
Wilson, Edna	La Junta, Colo.
Wilson, Stella	Denver, Colo.
Wolfe, Hazel	La Junta, Colo.
Wonders, Winifred M.	Delta, Colo.
Wood, Veronica	Denver, Colo.
Woods, Hulda	Denver, Colo.
Worley, Raymond J.	Greeley, Colo.
Wren, Lena	Trinidad, Colo.
Wyatt, Geo.	Denver, Colo.
Young, Agnes	Ft. Collins, Colo.
Young, Mrs. Matie	Denver, Colo.
Zick, Herbert	Greeley, Colo.

Individual Plan—College

1919-20

Ahrens, Dora.....	Halstead, Kans.
Anderson, Rachel.....	Peyton, Colo.
Anderson, M. Ruth.....	Genesse, Idaho
Anderson, Ruth M.....	Aspen, Colo.
Arnholt, Edith.....	St. Joseph, Mo.
Ashbrook, Belle.....	St. Joseph, Mo.
Ashurst, J. T.....	Rouse, Colo.
Baker, Zula.....	Eads, Colo.
Barlon, Georgia.....	Tulsa, Okla.
Bashor, Esta M.....	Greeley, Colo.
Barnhouse, Mary.....	Oklahoma City, Okla.
Batschelet, Ethel.....	Gage, Mont.
Batchelet, Olive.....	Rockwell City, Iowa
Becker, Lillie C.....	Denver, Colo.
Be Jack, Maurice D.....	Jenks, Okla.
Bennett, L. H.....	Clinton, Okla.
Bishop, G. P.....	Greeley, Colo.
Bivens, Belva.....	Maysville, Mo.
Blair, Mary E.....	Cripple Creek, Colo.
Boge, Mabel E.....	Denver, Colo.
Brady, Mildred E.....	Myron Stratton Home, Colo.
Brady, Mirttie.....	Avalo, Colo.
Bragg, Lottie.....	Ft. Collins, Colo.
Brankamp, Ethel.....	Denver, Colo.
Brennon, Margaret.....	Grand Valley, Colo.
Brockman, Edwin G.....	Colorado Springs, Colo.
Brooks, Anna G. Mrs.....	Greeley, Colo.
Brown, Julia.....	Denver, Colo.
Bulger, Katherine.....	Laramie, Colo.
Bullock, Annie.....	Dallas, Texas
Burns, Anna E.....	Monte Vista, Colo.
Brunstein, John.....	Greeley, Colo.
Busey, Alma B.....	Wenatchee, Wash.
Busey, Callie.....	Memphis, Mo.
Burbridge, Edgar W.....	Milliken, Colo.
Butts, Lula.....	Mond Valley, Kans.
Burbridge, Geo.....	Platteville, Colo.
Callahan, Bessie.....	Keota, Colo.
Campbell, Helen.....	Pueblo, Colo.
Campbell, Vera.....	Greeley, Colo.
Cannell, Mona.....	Cascade, Colo.
Carder, Jessie J.....	Loveland, Colo.
Chilson, E. M.....	Baroda Camp, India
Clayton, Mrs. Emily.....	St. Joseph, Mo.
Clayton, Mrs. T. C.....	Cedar Creek, Colo.
Clayton, Thomas C.....	Cedar Creek, Colo.
Clement, Matilda.....	Carpenter, Colo.
Cline, Evelyn.....	Brighton, Colo.
Cloud, Selma.....	Wichita Falls, Texas
Cogley, Sister Clotildis.....	Omaha, Nebr.
Conant, Mrs. Stanford.....	Tucson, Ariz.
Conklyn, Enid.....	Hagerman, Idaho
Cook, Mrs. Nettie.....	Milliken, Colo.
Cooper, Anna E.....	Ft. Thomas, Ky.
Cooper, Estelle.....	Topeka, Kans.
Cooper, Ida L.....	Wellington, Colo.
Corliss, Grace.....	Greeley, Colo.
Cornwall, Lillian A.....	Aspen, Colo.
Crawford, Pearl.....	Tishomingo, Okla.
Crites, Mrs. Maybelle.....	Evergreen, Colo.
Crown, Jessie.....	Hannibal, Mo.
Crown, Sister Sebastian.....	Canon City, Colo.
Crum, Lora.....	Hoxie, Kans.
Cullen, Mrs. Nellie.....	Grand Junction, Colo.
Cully, Inez.....	Trinidad, Colo.
Curtin, Ida B. Mrs.....	Durango, Colo.
Curtis, Bessie.....	Pueblo, Colo.
Cusick, Mary E.....	Ridgway, Colo.
Dailey, Grace.....	Denver, Colo.
Dalton, Ruth E.....	Nepesta, Colo.

Dardis, F. K.	Wellington, Colo.
Davis, Ethel	Denver, Colo.
Dean, Nell M.	Tulsa, Okla.
Deeney, Earl C.	Springfield, Colo.
Dickson, Dorothea	Brighton, Colo.
Diggs, Charles A.	Ainsworth, Nebr.
Dinsmore, Naomi	Colorado Springs, Colo.
Donelson, Eva	Denver, Colo.
Donley, H. H.	Frederick, Colo.
Dougherty, Linnie	Sapulpa, Okla.
Douglass, Sherman	Hillrose, Colo.
Drives, Mrs. V. H.	Winston, Ariz.
Drummond, Anna	Kersey, Colo.
Duff, Lula	Oklahoma City, Okla.
Duffes, Martha Mrs.	Denver, Colo.
Dunlap, Margaret	Greeley, Colo.
Duray, Minnie	Denver, Colo.
Durin, Doris	Bayard, Nebr.
Edwards, Hazel	Grover, Colo.
Elkins, Vena	Delagua, Colo.
Ely, Clara	Omaha, Nebr.
Embree, Gertrude M.	Woodland Park, Colo.
Epler, H. B.	Castle Rock, Colo.
Erickson, Agnes	Ouray, Colo.
Ericsson, Anna	Denver, Colo.
Estes, Myrtle	St. Joseph, Mo.
Fallon, Mrs. Florence	St. Alva, Okla.
Fenner, Cecil	Meeker, Colo.
Finch, Carolina	Ramah, Colo.
Finley, Helen	New Castle, Colo.
Fisher, Laura E.	Denver, Colo.
Fitzmorris, A. E.	Greeley, Colo.
Flaherty, Mary E. Mrs.	Melrose, Mont.
Foresman, Grace R.	Canon City, Colo.
Forsyth, M. W. Mrs.	Denver, Colo.
Forward, H. J.	Greeley, Colo.
Fowler, D. B.	Parker, Colo.
Frink, Margaret	Denver, Colo.
Fryklund, Verne C.	Greeley, Colo.
Futzson, Edith	Irene, So. Dak.
Gates, Virginia	Denver, Colo.
Galt, Ruth A.	Tacony, Colo.
Gammill, Mrs. F. I.	Mead, Colo.
Gardner, Ana	Colorado Springs, Colo.
Garnier, Theo. R.	Creede, Colo.
Gauss, Charlotte	Greeley, Colo.
Geiger, Nellie	Woodland, Mich.
Gibhardt, G. L.	Silverton, Colo.
Gilliam, Ellen	Kiefer, Okla.
Glassey, Josephine	Ft. Morgan, Colo.
Grace, Hazlett	Hotchkiss, Colo.
Griffing, Elizabeth	Ft. Morgan, Colo.
Grisier, Orville, J.	Rocky Ford, Colo.
Grix, Mary B.	Ogden, Utah
Gwynn, Cora May	Pueblo, Colo.
Hall, Harriet	Water Canon, N. M.
Hall, Iva C.	Malad, Colo.
Hamilton, Nellie	Denver, Colo.
Hanger, Mary	Barnum, Wyo.
Hanway, Amelia Freedle	Mosca, Colo.
Hardin, Achsah	Pueblo, Colo.
Harvey, Sarah J.	Rock Springs, Wyo.
Hathaway, Marie	Denver, Colo.
Hayes, Dorothy	Gill, Colo.
Heatherly, Nita	Rifle, Colo.
Hemphill, F. C.	Burns, Wyo.
Hiatt, Rose	Alcreek, Colo.
Hicks, Marie L.	Ainsworth, Nebr.
Higginbottom, Minnie	Ordway, Colo.
Highley, Grace	Oklahoma City, Okla.
Hinton, Elizabeth Mrs.	Grand Junction, Colo.
Hoag, Clarice	Lamar, Colo.
Holahan, Josephine	Colorado Springs, Colo.
Hoon, Helen	Colorado Springs, Kans.
Humberd, Mrs. I. A.	Rolla, Kans.
Humberd, I. A.	Rolla, Kans.
Jacobs, Charlotte	Greeley, Colo.
Jacobs, Clara	Pueblo, Colo.

Jacobs, Gertrude M.	Trinidad	Colo.
Jeanne, Sister M.	Sioux Falls,	S. D.
Jensen, Isabelle	Boulder	Colo.
Jewell, E. W.	Minturn	Colo.
Johnson, Byrde	McAlester,	Okla.
Johnson, Everet	Checotah,	Okla.
Johnston, Helen	Wilmington,	Ohio
Jones, Helen	Victor,	Colo.
Jones, Lois	Pinnacle,	Colo.
Jones, Mrs. Louise H.	Victor,	Colo.
Jones, Mollie C.	Pueblo,	Colo.
Jones, Ruth M.	McAlester,	Okla.
Joy, Pearl	Greeley,	Colo.
Katernadhl, Carl	Selma,	Calif.
Kearns, Ellen	Hot Sulphur Springs,	Colo.
Kearns, Mary	Carpenter,	Wyo.
Kellogg, Gertrude	Flagstaff,	Ariz.
Kendall, Mabel	Pueblo,	Colo.
Kennedy, Florence M.	Rockwell City	Iowa
Kennedy, Lyrra H.	Douglass,	Ariz.
Keorigh, Nellie	Cheyenne,	Wyo.
Kibby, Ira	Oakland,	Colo.
Kiker, Vesta	Raton, N. M.	
Kinsey, Dorothy	Islay,	Wyo.
Kirkley, Bertha	Huntsville,	Texas
Koencke, Laura	Ft. Morgan,	Colo.
Kreider, Helene	Bryfield,	Colo.
Krum, Mildred E.	Keota,	Colo.
Lamb, Helen	Brighton,	Colo.
Lanning, Bessie C. Mrs.	Sugar City,	Colo.
Larson, Mildred	Grover,	Colo.
Lauth, O. B.	Monument,	Colo.
Latronico, Mamie	Louisville,	Colo.
Latronico, Mary	Louisville,	Colo.
Latronico, Philoman	Louisville,	Colo.
Law, Essa	Padroni,	Colo.
Lay, Edith	Salt Lake City,	Utah
Lehmer, Ila C.	Walden,	Colo.
Lehr, R. Katherine	Arlington,	Nebr.
Letey, Yvonne	Greeley,	Colo.
Lewis, Mrs. Ivy	Greeley,	Colo.
Lobdell, Gertrude	Chin Lee,	Ariz.
Long, Margaret C.	Frederick,	Colo.
Long, P. J.	Wentworth,	Mo.
Loomis, Nellie	Bedford,	Iowa
Lord, Stella M.	Sunrise,	Wyo.
Lowell, Florence Mrs.	Greeley,	Colo.
Lynch, Agnes	Denver,	Colo.
McCarty, Anna	Briggsdale,	Colo.
McCullough, W. C.	Denver,	Colo.
McDaniel, Martha	Florence,	Colo.
McFadden, Tina	Denver,	Colo.
McHuran, I. D.	Trinidad,	Colo.
McNeel, Maybell	Loveland,	Colo.
Mackie, Kate M.	Denver,	Colo.
Mais, Alice	Trinidad,	Colo.
Mannering, Lou	Cripple Creek,	Colo.
Martiny, Iva Lora	Mineral Hot Springs,	Colo.
Martz, A. J.	Lewistown,	Mont.
Martz, Mrs. A. J.	Lewistown,	Mont.
Means, Anna Anderson	Keenesburg,	Colo.
Mildreda, Sister M.	Sioux Falls,	S. D.
Miller, Gladys M.	Sterling,	Colo.
Miller, Mabel R.	Albion,	Idaho
Moffatt, Hilda	Wheatland,	Wyo.
Monroe, Mable R.	Deming,	N. M.
Montgomery, Mrs. L. P.	Denver,	Colo.
Moore, Walker N.	Lucas,	Kans.
Moran, Sister Olivia	Omaha,	Nebr.
Morris, Helen	Denver,	Colo.
Morrow, Lavina	Boyard,	Nebr.
Mullen, Sister Patricia	Omaha,	Nebr.
Myers, Marie N.	Greeley,	Colo.
Nance, Dorothy	Durango,	Colo.
Nash, Margaret	Trinidad,	Colo.
Nash, Mary	Trinidad,	Colo.
Neal, Mrs. Goldie	Chivington,	Colo.
Neal, Paul S.	Chivington,	Colo.
Negus, Clayton	Des Moines,	N. M.

Nelland, Mary	Greeley, Colo.
Nelson, Alma	Topeka, Kans.
Newton, E. Pearl	Grover, Colo.
Newton, Verne G.	Sandwich, Ill.
Nicholson, Pearl H.	Frederick, Colo.
Nissen, Hanna	Aurora, Nebr.
Nussbaum, Agnes S.	Greeley, Colo.
O'Brien, Gladys A.	Palisade, Nebr.
Olson, Nettie	Greeley, Colo.
Osmer, Mrs. Lily	Alma, Colo.
Otter, Gertrude	Greeley, Colo.
Payne, Sibyl	Mead, Colo.
Peers, Katherine	Boulder, Colo.
Phippeny, Lael	Greeley, Colo.
Pumphrey, Grace	Peckham, Colo.
Pierce, Opal	Maysville, Mo.
Pingery, Jennie H.	Estherville, Iowa
Plunk, A. C.	La Junta, Colo.
Pool, Minnie	Greeley, Colo.
Porter, Ralph M.	Kemmerer, Wyo.
Power, Martha	McAlester, Okla.
Prewet, Hattie O.	Ft Worth, Texas
Priestley, Gertrude	St. Joseph, Mo.
Purdy, Rena A.	Greeley, Colo.
Quinby, Grace	Greeley, Colo.
Quinby, Grace E.	Sacramento, Calif.
Quinn, Mabel	Cheyenne Wells, Colo.
Raeth, G. A.	Greeley, Colo.
Rardin, Maybelle	Greeley, Colo.
Rasar, Isa F.	McAlester, Okla.
Ray, Zella	Bellingham, Utah
Redding, Emma J.	Idaho Springs, Colo.
Reid, Beneta	Dearborn, Mo.
Rhiner, Ethelyne	Greeley, Colo.
Richardson, Lora L.	Marshalltown, Iowa
Rische, Rhesa	Greeley, Colo.
Roberson, Jennie	Wichita Falls, Tex.
Roberts, Louise	Greeley, Colo.
Robson, Eloise	Hoyt, Colo.
Rosenfeld, Mrs. Selma	Las Cruces, N. M.
Rule, Beatrice A.	Colorado Springs, Colo.
Rumley, Maude	Loveland, Colo.
Rundquist, Winona	Colorado Springs, Colo.
Saunders, Lee	Boulder, Colo.
Schlessinger, Amy	Salida, Colo.
Scott, Chas. E.	Timnath, Colo.
Scott, Grace J.	Blanca, Colo.
Scott, Nellie M.	Houston, Mo.
Seeburg, Florence	Monte Vista, Colo.
Shane, Lillie	Otis, Colo.
Sharp, Mabel R.	Greeley, Colo.
Shewmaker, Lethe D.	Globe, Ariz.
Sims, Delpha	Mathison, Colo.
Smiley, Helena	Manzanola, Colo.
Smith, Ethel	Pueblo, Colo.
Smith, S. Allan	Evans, Colo.
Smith, Wells	Red Cliffe, Colo.
Smith, Mrs. Wells	Red Cliffe, Colo.
Stantz, Cora	Tyron, Neb.
Staub, Isabelle	Denver, Colo.
Stender, Ella	
Stevens, Mrs. Bertha	Wellington, Colo.
Stewart, C. E.	Akron, Colo.
Stewart, Lulu	DeBeque, Colo.
Stone, Grace	Cripple Creek, Colo.
Strain, Corinne	Lamar, Colo.
Stump, Minnie	Raton, N. M.
Sumner, Clara E.	Herrington, Kan.
Surber, Loretta	Cripple Creek, Colo.
Sweet, Maude R.	Denver, Colo.
Swanson, Esther	Seattle, Wash.
Swenson, Frances	Denver, Colo.
Tate, Anna E.	Florence, Colo.
Tate, Emma C.	Florence, Colo.
Taylor, Edna R.	Loveland, Colo.
Taylor, Mrs. Nettie	Del Norte, Colo.
Taylor, Paula	Denver, Colo.

Thorp, Luella	Oklahoma City, Okla.
Tidball, Elizabeth	Goldfield, Colo.
Todd, Christie A.	Tulsa, Okla.
Townsend, Willa	Byers, Colo.
Traver, Alice B.	Stillwater, Okla.
Trinbey, Helen	Trinidad, Colo.
Tuck, Grace	Denver, Colo.
Tuck, Leslie	Greeley, Colo.
Tuffin, Emma	Delta, Colo.
Turner, S. L.	Lewiston, Mont.
Turner, Willie	Pagosa Springs, Colo.
Turrell, Anna	Severence, Colo.
Van Devender, Verdon	Avalo, Colo.
Van Kensen, Helen	Hugo, Colo.
Varmilya, Richard	Savage, Colo.
Vincent, De Pearl Sister	Omaha, Neb.
Vincent, Mrs. H. H.	Denver, Colo.
Vorhies, Ruth	Deming, N. M.
Walker, D. B.	Basalt, Colo.
Wall, Prof. John F.	Pierce, Colo.
Wallace, Florence Rice	Nepesta, Colo.
Ward, Ruth	Holly, Colo.
Warren, Winifred	Fromberg, Mont.
Waterman, Verna	Gunnison, Colo.
Weedon, Lillian	Milo, Wyo.
Whateley, A. A.	Greeley, Colo.
Wheeler, Mary C.	Cheraw, Colo.
White, Mrs. H. Lou	Cripple Creek, Colo.
White, Ramona	Cripple Creek, Colo.
Wiley, Anna	Boone, Colo.
Wilkerson, R. A.	La Grande, Ore.
Williams, Ethel St. Clair	Pueblo, Colo.
Williams, Lona	Greeley, Colo.
Williams, May	Hanna, Wyo.
Williams, Oliver	Hanna, Wyo.
Willis, Mrs. Anna	Chandler, Okla.
Wilson, Faye	Carpenter, Wyo.
Winefride, Sister Mary	Earley, Iowa
Winn, Eleanor	Dallas, Texas
Withrow, Mary E.	Tarkio, Mo.
Witter, Nellie L.	Greeley, Colo.
Womelsdorf, Bertha	Quincy, Ill.
Womelsdorf, Henrietta F.	Quincy, Ill.
Worley, Raymond J.	Greeley, Colo.
Yates, Bonnie	Yuma, Colo.
Young, Louise	St. Joseph, Mo.

Individual Plan—High School

1919-20

Alexander, Mrs. Laura	Vona, Colo.
Barbour, Flora	Edgewater, Colo.
Bell, Ruby	Walsenburg, Colo.
Brabhan, Edna	Briggsdale, Colo.
Brandon, Elizabeth	Otis, Colo.
Brethower, Doris	Montrose, Colo.
Burton, Thelma	Stoneham, Colo.
Calamber, Wilma	Orchard, Colo.
Carey, Lora P.	Eagle, Colo.
Cook, Mrs. Katherine	Aguilar, Colo.
Dack, Lula	Stratton, Colo.
Denny, Mahala	Seymour, Mo.
Dickey, Anna	LaSalle, Colo.
Doyle, Eva	Eads, Colo.
Ellis, Annie	Yazoo City, Colo.
Foss, Mrs. Lena C.	Fosston, Colo.
Greer, Emma L.	Grover, Colo.
Heabler, Grace	Denver, Colo.
Hulburd, Mary	Otis, Colo.
Isadore, Francis	Lamar, Colo.
Johnson, Blanche	Yuma, Colo.
Justice, Esther	Kirk, Colo.
Klasson, Marie	Kirk, Colo.
Landis, Amanda	Apache, Colo.
Larson, Mrs. Mae	Greeley, Colo.
Lindsey, Nora	Avalo, Colo.
Mackey, Mrs. Catherine.....	Greeley, Colo.
Mayer, Mildred	Fort Russell, Wyo.
McCall, Jessie	Franktown, Colo.
McConnell, Elvis	Stratton, Colo.
McCrea, Eliza	Cameron, Mo.
McDonnall	Hudson, Colo.
Mead, Gail	Schell City, Mo.
Miller, Sophris	Durango, Colo.
Neiman, Nellie	Longmont, Colo.
Patterson, Mrs. Minnie	Greeley, Colo.
Phillips, Anna E.	Forsyth, Mo.
Picheco, Josephine	San Luis, Colo.
Pitts, Mrs. Harry	Loveland, Colo.
Quinn, Mabel	Cheyenne Wells, Colo.
Reddish, Mrs. Mabel	Buckingham, Colo.
Richey, Nellie D.	Burlington, Colo.
Robinson, Ethel D.	Hudson, Colo.
Scott, Grace J.	Blanca, Colo.
Smith, Mabel	Fowler, Colo.
Sphoon, Irene	Fowler, Colo.
Steidley, Lurene	Fort Collins, Colo.
Stonebraker, Berman	Canon City, Colo.
Van Deventer, Viola	Spurgeon, Colo.
Vermillion, Mrs. G. N.	Denver, Colo.
Wilfley, Mrs. Ida	Colorado Springs, Colo.
Wiley, Ruth	Hayden, Colo.
Wood, Lydia L.	Bristol, Colo.
Zaph, Frieda	Greeley, Colo.

Institute Plan

1919-20

Allison, Fern	Vernon, Colo.
Ashley, Mabel Norton	Burlington, Colo.
Atto, Louvia A.	Wheatridge, Colo.
Beck, Ellin	Lucas, Kan.
Barber, Ethel	Vernon, Colo.
Bastin, Marguerite	Colorado Springs, Colo.
Bartholomew, Beulah	Colorado Springs, Colo.
Baker, Zora	Keyser, Colo.
Balluff, Elizabeth	Conejos, Colo.
Barnes, Bernice	Trinidad, Colo.
Barrett, Mary	Trinidad, Colo.
Bentart, Alma	Leadville, Colo.
Bocco, Irene	Steamboat Springs, Colo.
Brown, Frances	Bennett, Colo.
Bradshaw, Sara E.	Denver, Colo.
Booker, Elizabeth	Bennett, Colo.
Blank, Martha	Denver, Colo.
Bresnahan, Marian	Colorado Springs, Colo.
Beady, Mildred	Colorado Springs, Colo.
Bond, Myrtle G.	Denver, Colo.
Boyd, Bertha A.	Farr, Colo.
Bigelow, Elma	Sligo, Colo.
Brady, Mirttie	Avalo, Colo.
Bright, Norma Bell	Golden, Colo.
Brush, Ruth	Genoa, Colo.
Burch, Eleanore	Genoa, Colo.
Bruckner, Isalene	Boulder, Colo.
Brown, Bernice	Las Animas, Colo.
Burrows, Elsie	Kiowa, Colo.
Campbell, Clare	Sterling, Colo.
Case, Flore B.	Fort Morgan, Colo.
Chambers, W. W.	Hasty, Colo.
Cavenah, Anna	Aguilar, Colo.
Campbell, Ruby	Trinidad, Colo.
Chambers, May	Silver City, Colo.
Clark, Mary C.	Leadville, Colo.
Clinton, Vivian	Las Animas, Colo.
Cobb, Jessie	Fowler, Colo.
Curtin, Ida B.	Monte Vista, Colo.
Coffey, Viola	Boulder, Colo.
Crutcher, C. L.	Bristol, Colo.
Cook, Roxy	Boulder, Colo.
Dillon, Vera Thomas	Burlington, Colo.
Drikey, Anna	Evans, Colo.
DeLaMater, C. F.	Hastings, Colo.
Delholtz, Inez	Trinidad, Colo.
Dean, Gladys	Englewood, Colo.
Davis, Vesta	Wiley, Colo.
Davis, Willie M.	La Junta, Colo.
Deming, Nola	Manzanola, Colo.
Donahue, Jessie	Pueblo, Colo.
Douglass, Mildred	Manitou, Colo.
Douglass, A. M.	Manitou, Colo.
Diedrick, Cora M.	Flues, Colo.
Duncan, Bertha G.	Caddo, Colo.
Donley, Edith	Pueblo, Colo.
Easton, Virginia	Trinidad, Colo.
Elder, Agnes	Bennett, Colo.
Eastland, Josephine	Waco, Texas
Elder, Maglin	St. Joseph, Mo.
Elder, Belle	Rocky Ford, Colo.
Ferguson, Mrs. L.	Trinidad, Colo.
Fisher, Ulah	Denver, Colo.
Frengen, Bertha	Kawal, Colo.
Fuller, Hazel	Denver, Colo.
Fruehling, Maud	Denver, Colo.
Friedman, Julia	Denver, Colo.
Foster, Gladys	Denver, Colo.

Fromm, Virginia	Idaho Springs, Colo.
Fraze, Irma	Walsenburg, Colo.
Frye, Cora	Roggen, Colo.
Flynn, Emma	Trinidad, Colo.
Flynn, Josephine	Trinidad, Colo.
Glenn, Helen	Denver, Colo.
Gessler, Olive H.	Denver, Colo.
Giltner, Cora	Penalosa, Kan.
Giltner, Ada	Penalosa, Kan.
Grant, Lela	Vona, Colo.
Grey, Wilkie	Lamar, Colo.
Grutzmacher, Margaret	Black Hawk, Colo.
Hause, Alice	Fort Lupton, Colo.
Hartman, Neva	Radium, Colo.
Hermer, Bonita	Farr, Colo.
Herrick, Flora	Kit Carson, Colo.
Hopper, Helen	Carbondale, Colo.
Howitt, Rose	Alcreek, Colo.
Howard, Zola	Kiowa, Colo.
Howard, Doris	Rifle, Colo.
Horn, Mary Ann	Trinidad, Colo.
Holmes, Ella	Arvada, Colo.
Jones, Florence	Denver, Colo.
Jacobson, Margaret	Denver, Colo.
Johnson, Mae	Denver, Colo.
Johnson, Elsie	Boulder, Colo.
Johnson, Addie	Durango, Colo.
Key, Verdabelle	Sopris, Colo.
Kendricks, Edna	Kendrick, Colo.
Kearns, Ellen	Boulder, Colo.
Kling, Lucille	Denver, Colo.
Kingsley, Emma	Denver, Colo.
Kinder, Esther	Fort Lupton, Colo.
Kimball, Carolyn	Boulder, Colo.
King, Blaine	Yellow Jacket, Colo.
Kreder, Helen	Durango, Colo.
Leanard, Marie	Limon, Colo.
La Rue, Mamie	Senca, Kan.
Lamb, Josephine	Livermore, Colo.
Larson, Agnes	Trinidad, Colo.
Leonard, Helen	Aspen, Colo.
Levine, Ruth E.	Wheatridge, Colo.
Leitch, Martha D.	Rocky Ford, Colo.
Luzmoor, Elizabeth	Boulder, Colo.
Long, Mayme	Eagle, Colo.
Looney, Susoe	Kinton, Okla.
Longheed, Lila	LaVeta, Colo.
McClure, Ruth	Fowler, Colo.
McClure, Helen	Fowler, Colo.
McKenny	Lamar, Colo.
McAloon, Anna	Akron, Colo.
McBride, Grace	Akron, Colo.
McCullough, W. W.	Denver, Colo.
McDowell, Mary	Steamboat Springs, Colo.
McKenny, I.	Haswell, Colo.
Magee, Mabel	Denver, Colo.
Mahler, Julia	Sterling, Colo.
Maxelmer, Manila	Calhan, Colo.
Maes, Alice	Trinidad, Colo.
Manners, Marie	Pueblo, Colo.
Meier, Esther	Sterling, Colo.
Mickey, Mrs. Cora	Craig, Colo.
Milern, Velma	Genoa, Colo.
Milleman, Ethel	Las Animas, Colo.
Millstead, Ruth	Fowler, Colo.
Miller, Wilma	Colorado Springs, Colo.
Miller, Eva	Mindeman, Colo.
Miller, Grace	Durango, Colo.
Mier, Anna	Allison, Colo.
Murray, Hazel	Trinidad, Colo.
Norton, Mabel	Rocky Ford, Colo.
Nolan, Katheryn	Trinidad, Colo.
Neimeyer, Florence	Denver, Colo.
Noble, Sadie	Hugo, Colo.
Newman, Stella	Las Animas, Colo.

O'Reilley, Charlotte	Denver, Colo.
Perry, Mrs. M. B.	Denver, Colo.
Perry, Abby	Salida, Colo.
Perry, R. S.	Branson, Colo.
Peet, Mabel	Ravenwood, Colo.
Peterson, Ruth	Leadville, Colo.
Pollock, Grace	Fowler, Colo.
Pitts, Mrs. Harry	Loveland, Colo.
Pollock, Helen	Allison, Colo.
Price, Delia	Boulder, Colo.
Pilant, Jas. W.	Rouse, Colo.
Pincher, Bertha	Denver, Colo.
Richardson, Lora	Marshalltown, Iowa
Rardin, Maybelle	Colorado Springs, Colo.
Ring, Amy	Trinidad, Colo.
Ralston, Elizabeth	Trinidad, Colo.
Ridehour, Floy	Pueblo, Colo.
Reed, Calvin	Trinpas, Colo.
Robb, Gilbert	Arriba, Colo.
Russ, Mrs. M. E.	Denver, Colo.
Rooney, Helen E.	Wheatridge, Colo.
Rule, Sarah	Durango, Colo.
Russell, Vivila V.	Colorado Springs, Colo.
Scholfield, Sarah	Monte Vista, Colo.
Schick, Rose	Wiley, Colo.
Sanderson, Margaret	Aguilar, Colo.
Seeley, Mabel	Stratton, Colo.
Seaberry, Mrs. W. C.	Carr Crossing, Colo.
Sides, Lucille	Yoder, Colo.
Seravini, Elveiva	Denver, Colo.
Slater, Bernard	Trinidad, Colo.
Stalts, Elvira	Sterling, Colo.
Steckel, Mrs. Iva	Denver, Colo.
Stone, Grace E.	Cripple Creek, Colo.
Thompson, Josephine	Carbondale, Colo.
Tribbs, Ruth H.	Denver, Colo.
Trigg, Zelma	Lamar, Colo.
Toogood, Esther	Walsenburg, Colo.
Tracy, Obbie	Logan, Kan.
Tones, Frank	Trinidad, Colo.
Tweedale, Hannah	Trinidad, Colo.
VanDevender, Verdon	Avalo, Colo.
Vaughn, Mrs. Alma	Sterling, Colo.
Welsh, Donald	Denver, Colo.
Warner, Lucile	Las Animas, Colo.
Ward, Ruth	Lamar, Colo.
Wellington, Esther	Edwards, Colo.
Wetterberg, Florence	Boulder, Colo.
Wayt, Iva	Ignacio, Colo.
Wilkins, Esther	Fort Collins, Colo.
Wright, Sarah	Buena Vista, Colo.
Yeager, W. S.	Thatcher, Colo.
Young, Winifred G.	Lyons, Colo.

State High School of Industrial Arts

FALL, WINTER AND SPRING QUARTERS
1919-1920

NINTH GRADE

Absher, Ruth	Kollman, Grace
Adams, John A.	Lauck, Flora
Bancroft, Clifford	Mashburn, Jack
Baker, Ruth	McCaul, Clarence
Bashor, Oma	McMullen, Lucretia
Balent, Ella	McMurray, Marie
Beesley, Stanley	McNeal, Imogene
Buchanan, Ruth	Menagh, Eldon K.
Bloom, Fannie	Mayer, Edna
Boyd, Lois E.	Meyer, Edwin
Boyer, Homer	Moss, Dixon
Carlson, Edna	Miller, Elizabeth
Carlson, Augusta	Morris, John
Cockerill, Ethel	Monroe, Florence
Cockerill, Eva	Myers, Victor
Cockerill, Thelma	Norcross, Lyle
Coon, Louisa	O'Brien, Julia
Cooperrider, Leonard	Palmer, Evelyn
Culbertson, Virginia	Peterson, Robert
Culp, Hersia	Phelps, Louis
Curry, Theodore	Potter, Ruby
Cushman, Miriam	Rellstab, Pauline
Dake, Ruth M.	Riggen, Irene
Dale, Catherine	Roman, Helen
Deaver, Sidney	Rucker, Martha
Denny, Roger	Rucker, Margaret
Dillon, Winifred	Runnels, Blanche
Dodd, Lela	Runnels, Olive
Downer, Hattie	Seastrand, Conrad
Dow, Bertha	Schlosser, Reinard
Dow, Florence	Schlosser, Walter
Dunn, Clyde	Schnoor, Beatrice
Evans, Earl	Schoonmaker, Joe
Fiedler, Mary	Scribner, Icle
Finke, Bernice	Sitzman, Lydia
Finke, Orlo	Sholdt, Margaret
Frakes, Hoy	Smith, Grace
Gallagher, Arthur	Smith, Esther
Geghrig, Teddie	Smith, Clarence
Ginsburg, Esther	Spencer, Edwin
Ginsburg, Irene	Strong, Iona
Glaister, Marguerite	Streck, Lucille
Glidden, George	Strock, Earl
Glidden, John	Stephens, Eleanor
Haffner, Birdie	Sumner, Ruth
Hale, Edna Grace	Taylor, Arthur
Hale, Mabel	Topping, Don G.
Hays, Florence	Van Wyke, Wm.
Healy, Harriet	Van Auken, Bernice
Howe, Vera M.	Van Dever, Willis
Humphrey, Carl	Warner, Bernice
Jackson, Bernice	Wahl, Clarence
Johnson, Gervais	White, Raymond
Johnson, Ernest	Waldo, Gaye
Johnson, Herbert	Williams, Dick
Jones, Henry	Warner, Bernice
Jones, Thelma	Windolph, Marie
Kaehler, Henry	Whitescarver, Leland
Kale, Kathryn	Yearant, Sidney
Jones, Hazel	Wood, Catherine

TENTH GRADE

Alber, Vera	Clark, Lawrence
Benson, Philomene	Cooper, Ruth
Benson, Marie	Conlin, Ambrose
Bidwell, Watson	Gross, Carl
Billings, Fern	Cunningham, John
Blake, Myrtle	Dean, Helen
Bloom, Frieda	De Forde, Dale

STATE TEACHERS COLLEGE

TENTH GRADE—Continued

Dempewolf, Bertha	Klein, Mary
Dunn, Meyer	Lance, Lewis
Dunn, M. Pearl	Lawrence, Alice
Edgington, Neva	Long, Ted
Eldridge, Gladys	Mashburn, Charles
Engle, Charles	McCaul, Will
Elmer, Elizabeth	McGaughey, Pherman
Fink, Helen	McLucas, Solomen
Forward, Grace	Mart, Hilma
Freeburg, Philip	Menefee, Ray
Frakes, Hay	Morris, John
Glaister, Margaret	Morgan, Helen
Goerke, Robert	Nohe, Gladys
Goerke, Evelyn	Onstine, Daniel
Greer, Zylpah	Paris, Ocal
Haight, Blanche	Piper, Lester
Hall, Ila	Pretzel, Hazel
Harris, Kenneth	Price, Belle
Hatch, Bradford	Rader, Enola
Hill, Myrtle	Rathburn, Blanche
Hoffman, Eleanor	Resse, Frances
Hofschulte, Laura	Rogers, Audrey
Hofschulte, Agnes	Royer, Rowena
Howes, Lola	Smilie, Dorothy
Howes, Vera	Schlosser, Rienard
Howes, Merrill	Shields, Mildred
Jacobs, John	Smith, Hannah
Jacobson, Mabel	Taylor, David
Justice, Esther	Taylor, Frank
King, Floyd	Turner, Anna
Key, Opal	Williams, Mary
Kirkman, Mary	Windolph, Marie
Kirkman, Grace	Winegar, Edna
Klein, Myrtle	

ELEVENTH GRADE

Anderson, Archie	McCaul, Bella
Aultman, William	McMullen, Catherine
Barry, F. A.	Martin, Earl
Beauchamp, Hazel	Maxey, Imogene
Birdsall, Georgia	Menagh, Reva
Blair, Edith	Moffatt, Hilda
Butler, Anna	Morgan, Hayden
Carl, Ethelda	Moore, Harold
Clark, Fern	Nims, Eleanor
Cunningham, Marie	Nutter, Margaret
Dack, Lulu	Ostling, Herbert
Davis, John C.	Palmer, Esther
Dickey, Ernest	Peterson, Ellen
Dillon, Joseph	Potter, Alfred
Dunlap, Esther E.	Rea, Boyd
Ewing, Cora	Reese, Bessie
Finley, Winona	Romans, Thelma
Geiser, Irene	Root, Alice
Ginther, Carrie	Runnels, Alevia
Gosselin, Margaret	Seastrand, Edna
Graves, Herman	Seastrand, Ralph
Gustafson, Alice	Smilie, Dorothy
Gustafson, Aliva	Smith, Edith
Harrington, Genevieve	Smith, Florence
Hamilton, Wilma	Stephens, Horace
Hargrove, Ralph	Tisdell, Dorothy
Henderson, Victoria	Van Wyke, Nellie
Hershiser, Joseph	Warner, Dorothy
Jones, Helen	Watkins, Louise
Kinder, Lester	Williams, Lial
Lance, Alice	Wood, Louis
Lawrence, Wray	Yearant, Chas. D.
Leibee, Edna	Young, Leonard

TWELFTH GRADE

Balent, Albert	Brooks, Loraine
Bardwell, George	Brooks, Violet
Barnes, Mildred	Carlson, Esther
Barrett, Helen	Carter, Albert
Benway, Edgar	Christensen, Grace
Boyd, Ada V.	Cooperrider, Lola
Boyer, Edith	Dean, Marion
Broman, Ira	Dempewolf, Cecelia
Bickling, Elsie	DeCamp, Mabel

TWELFTH GRADE—Continued

Doune, Dean	Monroe, Gertrude
Downer, Dean	Morris, Everett
Doyle, Eva	Moss, Hallie
Doyle, Vera	Morgason, Ruth
Elmer, Elizabeth	Morrison, Elizabeth
Eldridge, Fern	Nyquist, Hulda
Fielder, Hattie	Olds, Ellen
Floeth, Russel	Otten, Harry
Evans, Dave	Paine, Ella
Foley, Raymond	Paine, Milton
Fuller, Mary A.	Pierce, Myrtle
Gaines, Aletha	Pierpoint, Glen
Goerke, Evelyn	Prunty, Leuty
Graham, Hugh	Riddell, Fern
Gunnison, Louise	Rathburn, Hazel
Haight, Edith	Reese, Pauline
Hammond, Dolores	Runnels, Alvira
Hicks, Elizabeth	Salberg, Lillian
Hofshulte, Herman	Schuster, Florence
Herrington, Carolyn	Seastrand, Ruth
Jacobs, Eastman	Sickles, Bonnie
Haskins, James	Skooglund, Alvena
Hurianck, Vlasta	Stonebraker, Berman
Hurianek, Zdenke	Spencer, Verlin
James, Leota	Taylor, Dorothy
James, Thomas	Timothy, Eldred
Jones, Alice	Townsend, Willa
Jones, Mrs. Mollie	Van Devender, Verdan
Johnson, Ebba	Van Why, Susie
Johnson, Verna	Veldran, Opal
Jurgens, Carrie	Walker, Harold
Key, Verdabelle	Wherron, Hazel
Kittle, Leslie	Ware, Mabel
Lawrence, Wray	Warner, Dorothy
Lewis, Maurine	Washburn, Thelma
McWhorter, Irene	Wecas, Charles
McWhorter, Leslie	Williams, Lila
McKeever, Genevieve	Willson, Ivy
Meador, Milly	Wood, Howard
Myers, Ellen	

Training School

Fall, Winter and Spring Quarters
1919-20

KINDERGARTEN

Anderson, Vera	Jones, Weldall
Armstrong, Robert E.	Kellone, Eileen
Aukerey, Dorothy	Kitson, Irvin Robert
Aukerey, Margaret	Knowles, Dorothy
Baab, Geo. William	LaFollette, Julia
Baker, R. L.	Main, May Elizabeth
Baum, Helen	Miller, Blanche
Bain, Enola	Moser, Erwin
Blue, Gerald	Ogden, Jessie
Bass, Albert Carter	Pattee, Alan
Bishop, William Donald	Phelps, Jane
Bonnell, David	Pierce, Robb
Bradbury, Alfred	Porter, Philip
Bryant, Edward	Rice, Ethel
Brush, Florence	Roberts, Lawrence
Castleman, Billie	Runnels, Capels
Clymer, Bob Perry	Sattley, Charles
Colvin, Margaret	Schuetz, Marvin
Crimeans, Charles	Sitzman, Ada Ruth
Criswell, Elizabeth Anne	Slockett, Frederick
Davis, Dorothy	Slockett, Florence
Finley, Mary Elizabeth	Struble, Paul
Force, Stephen	Smith, Ronald
Force, Billy	Sults, Marvin
Fuqua, William	Waggner, Bruce
Gelder, Royal Wm.	Welsh, Rosella
Gerald, Blue	Welsh, Arthur
Henderson, Floyd	Weller, Mayme Jessie
Hibbs, Dickey	Wheeler, Charles
Hickett, Florence	Willardson, Mason
Hollister, Mary	Willard, Wicker
Hopkins, Billy	Williams, Kathryn
Houston, Virginia	Wilson, Virginia
Humphrey, Ruth	York, Helen Eileen

FIRST GRADE

Adams, Mildred	Krous, Janet
Adams, Hugh	Kitson, Robert
Barclay, Florence	Lee, Laura Frances
Benton, Edwin	Linden, Charles
Brown, M. Elizabeth	Linden, Herbert
Calvin, Irene	Lowe, Edgar
Calvin, Mary	Magison, Freddie Edgar
Carlson, Clarence	Meyers, Lester Alman
Clark, Eunice	Munger, Jack
Clayton, Catherine	Phelps, Jean Esther
Coon, Vivian	Phillips, Eleanor
Dale, Marjorie	Raynard, Marjorie
Dempsey, Doris	Reed, Lewis
Drear, Emery	Statley, Vincent
Dunn, Clara	Skold, Arthur
Forward, Zeo Ethelyn	Smith, Natel
Freeman, Mary Elinor	Streck, Vincent
Gilbert, Madeline	Strohl, Lester
Gooden, Eulah	Toffler, Jane Mary
Goulette, Cheshawgan	Towner, Helen
Haun, Sylvia	Turner, Zeld
Hendrickson, Marie	Waggoner, Mona
Houtchens, Everet	Walldhouser, Evelyn
Imboden, Neal	Wheeler, Charles
Jackson, Nina	Williams, Jane
Kell, Marie Lois	Williams, Henry M., Jr.

SECOND GRADE

Alles, Victoria	Campbell, John
Brown, Newton	Castleman, Virginia
Bahn, Annabelle	Castleman, Regina
Buick, Violet	Clayton, Katherine
Burman, Elmer	Chalgren, Patsie

SECOND GRADE—Continued

Dale, Joyce L.	Lowe, Kenneth
Deaver, Orval	Lowe, Sammie
Dunn, Thomas	Milton, Paul
Dungan, Arthur	Miller, Marshall
Freeman, Eugene	Myers, Lester
Flanagan, Arthur	Owen, Margaret
Flanagan, Robert	Parish, Robert
Gilbert, Robert M.	Phelps, Jay
Gilbert, Virginia	Rennels, Laurel
Ginther, Mary	Roberts, Irene
Gosselin, Eleanor	Salburg, Herman
Hemingway, Elliot	Samuelson, Frances
Hershiser, Virginia	Stayle, Geo.
Humphreys, Edward	Styer, Elbert
Jarvis, Evelyn	Williams, Thomas Blair
Johnson, Alice	Wagner, Mona
Imboden, Neal	Wilson, John
LaFollette, Paul	Wilson, Rendel
Linden, Siegrid	Yearant, Ruth

THIRD GRADE

Baker, Arthur	Harrington, Delia
Bass, Louise	Hargrove, Helen
Benton, Vera	Houtchens, Bernard
Blystad, Leonard	Jackson, Irene
Breeden, Lyle	Johnson, Katherine
Buehler, Walter	Kendel, Mary
Campbell, Howard	Lawrence, Elmer
Cashner, George	Larson, Merle
Challgren, Maxine	Lehan, Pat
Coon, Billy	Linden, Carl
Culbertson, Grace	Mayer, Wilmer
Ellis, Ruth	Neill, Stewart
Elam, Winifred	Phillips, Katherine
Fleming, Alma	Petrikin, Nancy
Field, Harold	Roberts, Rowland
Baurney, Wm.	Segel, Paul
Gooden, Herbert	Styer, Mabel
Ginther, Elizabeth	Thompson, James
Green, Opal	Thotchens, Barnard
Green, George	Viehweg, Marguerite
Gibson, Dorothy Nell	Welsh, Billy
Haight, Groden	Wright, Homer Lee

FOURTH GRADE

Ahlstrand, Charlene	Lowe, Dean
Bickel, Geo.	Lowe, Donald
Brown, Martha	Misner, Frank
Carbaugh, Millie	McDermott, Tom
Cockerill, Albert	Owen, Dorothy
Combs, Lloyd	Parish, John
Dale, Donald	Prunty, Beulah
Dempewolf, Laurence	Riddle, Marjorie
Donner, Irvin	Roberts, Vivian
Dugan, Mabel	Smith, Robert
Ecker, Douglas	Stroh, Harry
Elam, Alice	Strohl, Ruben
Freek, Louise	Strohauer, Harry
Freek, Raymond	Styer, Mabel
Harder, Katherine	Turner, Olive
Harder, Margaret	Thompson, Ruth
Harrington, Nellie	Waldhauser, Ruth
Hoffman, Raymond	Warner, John
Humphrey, Lucille	Wilson, Sara

FIFTH GRADE

Alles, Amelia	Gaines, Alice
Baab, Clarence	Galland, Harold
Bauer, Irvin	Gates, Ruth
Bartholomew, Earl	Gosselin, Helen
Bruckner, Arle	Green, Gretchen
Benway, Ruth	Hall, Marion
Cater, Kathryn	Hollister, Merlin
Clayton, Dorothy	LaFollette, Robert
Culbertson, Ruth	LaFollette, Gene
Cushman, Esther	Lamar, Floyd
Dale, Kenneth	Lehan, Edward
Dale, Glen	Long, Jean
Ellis, Burr	Lowe, John
Finke, Florence	Myers, Dale

STATE TEACHERS COLLEGE

FIFTH GRADE—Continued

Monroe, Eunice	Stroh, Harry
Petterson, Harris	Smith, John
Patterson, Helen	Turner, Lester
Royer, Dean	Warner, Hanna
Seastrand, Eugene	Williams, Dorothy
Skold, Arvid	

SIXTH GRADE

Abscher, Ruby	Houchens, Katherine
Adams, Ralph	Johnson, Thelma
Allison, Hazel	Kirk, Clarence
Baldwin, Jessie	Lanman, Floyd
Baker, Eugene	Linder, Phyllis
Barber, Mary	Mann, Claron
Bartholomew, Paul	Mathews, Gretchen
Bickel, Margaret	Meyers, Harold
Bower, John	Milton, Ruth
Brown, Eva	Morris, Rob
Carbaugh, Andy	Morse, Mabel
Combs, Florence	Mosier, Mary
Coon, Elberta	Myers, Edward
Cross, Neal	Norcross, Edna
Dillson, George	Owens, Harold
Eaton, Bourne	Pollick, Leroy C.
Ecker, Clifford	Roberts, John
Ellis, Florence	Roberts, Lucille
Ellis, Virginia	Salberg, Arthur
Ellis, Victoria	Schutz, Eunice
Flanagan, James	Soper, Ednast
Fleming, Ruth	Strohauer, Teddy
Gates, Ruth	Stephens, Pauline
Ginther, Clara	Turner, Cora
Gosselin, Walter	White, Marion
Hill, Clifford	Wywent, Gaily
Hoffman, Frederick	

SEVENTH GRADE

Abscher, Ruth	Grayson, George
Adams, Herbert	Hadden, Margaret
Adams, Violet	Harrington, Trilba
Ahlstrand, Carol	Henderson, Madge
Bickel, Eloise	Herrington, Manuel
Brown, Ralph	Howell, James
Brown, Orville	Johnson, Marion
Brug, Pauline	Larson, Fordis
Burrous, Homer	Long, Leland
Buchanan, Gilbert	McDaniels, Lura
Carlson, Hillis	Misner, Errol
Carter, Emma	Myers, Loyal
Coleman, Thelma	Miller, Gurdon
Coulter, Roy	Neill, Margaret
Culbertson, Grant	Patterson, Morris
Davis, Blanche	Perrine, Ruth
Dempsey, Audrey	Rees, Marie
Dille, Frank	Sitzman, Mollie
Eaton, Thomas	Smith, Hazel
Ellis, Margaret	Speuth, Paul
Field, Martin	Turner, Cora
Fink, Arthur	Tressler, Goldia
Galland, Alva	Vanscoyoc, Clarence
Gooch, Jess	Walsch, Mary
Garnsey, Walter	Wood, Willis
Gosselin, Leslie	Waldhauser, Damon

EIGHTH GRADE

Alles, Lydia	Day, George
Alles, Mary	Dempewolf, Arnold
Baird, Daniel	Dempsey, Robert
Baker, Ruth	Dille, Frank
Bruckner, Floyd	Downer, Earl
Baker, Mardelle	Draper, Paul
Burrous, Theodore	Dunn, Esther
Carlson, Noma	Galland, Arthur
Capshaw, Fay	Flanagan, Edmund
Cashner, Francis	Garwood, Bernice
Clark, Lillian	Gosselin, Marjorie
Coon, Rachel	Garwood, Charlene
Cross, James	Gehgrig, Teddy
Dale, Dorothy	Healey, Harriet
Dale, Katherine	Hoff, Jake

EIGHTH GRADE—Continued

Hubbard, Jessie	Rhody, Paul
Humphrey, Karl	Rissman, Wilma
Humphrey, Walter	Sheman, Roy
Imboden, Helen	Smith, Clarence
Jack, Clifford	Smith, Esther
Johnson, Annie	Sitzman, Lydia
Johnson, Kenneth	Streck, Lucille
Jones, Hazel	Strohauer, John
Johnson, Lester	Timothy, Glendon
Jones, Henry	Traverse, Harold
Jones, Thelma	Van Aucken, Bernice
Kimball, Fred	Wahl, Clarence
McMullen, Lucretia	Waldo, Gay
McDaniel, Lura	Wells, Frank
Morse, Laurena	Whitescarver, Leland
Moss, Dixon	Voris, Clyde
Peterson, Robert	Wood, Katherine
Rains, Luella	White, Volney
Rellstab, Richard	Waggy, Eleanor

Demonstration Schools

Ashton

FIRST GRADE

Float, Fred	Nieberger, Nellie
Peterson, Melvin	Moshier, Ruby
Alkire, Herbert	Gustafson, Gunthild
Redmond, Alfred	Schewin, Dorothy
Brethauer, Fred	Rehmer, Mary
Rehmer, Fred	Smith, Ethel May
Mierer, Manuel	Selberg, Carl
Nieberger, Mary	

SECOND GRADE

Drake, Allison	Spencer, Earnest
Brethauer, David	Peterson, Evelyn
Carlson, John	Rehmer, Mary
Mossberg, Carl	Smith, Ethel May
Redmond, Roy	Schewin, Katherine
Zimmerman, Edward	Float, Rueben
Balch, Edith	

THIRD GRADE

Rehmer, James	Selberg, Mildred
Spencer, Cleo	Drake, Ruth

FOURTH GRADE

Nieberger, Crist	Mossberg, Mildred
Mincey, Dwane	Brethauer, Anna
Mieir, David	Lesser, Lydia
Mieir, Alex	Mincey, Doris
Arguello, Lille	Arguello, Eva
Nieberger, Christ	Koehler, Leona

FIFTH GRADE

Nieberger, Charles	Brethauer, Dorothy
Redmond, Robert	Lambert, Beulah
Hollister, Derwood	Green, Appeliene

SIXTH GRADE

Rehmer, Charles	Cooperrider, Katherine
Albion, Carlson	Rehmer, Alice
Johnson, Robert	Zimmerman, Henry
Nieberger, Alexander	

SEVENTH GRADE

Johnson, Harold	Alkire, Faye
Mossberg, Clarence	Koehler, Daniel
Balent, Ella	Koehler, Henry
Smith, Grace	Johnson, Earnest
Cooperrider, Leonard	

Auburn

FIRST GRADE

Adams, Roma	Gallup, Clarence
Alles, Dan	Leaming, Taylor
Arnold, Chas.	Mitchell, Lorena
Doney, Ralph	Monroe, Chester
Eckhart, Esther	Rossman, Rachel
Engleman, Mary	Thawet, Lydia
Engleman, Millie	Todd, Cecil
Engleman, Lydia	Todd, Wanda
Gable, Helen	Walters, Johnny
Ginther, Mary	Walters, John
Hopp, Lydia	Benner, Ida
Hardung, Henry	

SECOND GRADE

Benner, Dan	Landrum, Ruby
Arnold, Alta	Mitchell, Mabel
Bower, Pauline	Rossmann, Willemenia
Bolt, Dale	Starkey, Jerry
Hopp, Freda	Johnson, Clifford

THIRD GRADE

Billings, Russell	Monroe, Jessie
Gable, Adam	Thawet, Amelia
Johnson, Elizabeth	Johnson, Ralph

FOURTH GRADE

Adams, Harold	Johnson, Mary
Benner, Lella	Mitchell, Nicholas
Eckhart, Charles	Raeth, Leslie
Gage, Harold	Rhodes, Mae
Lewis, Ileta	Work, Wesley
Johnson, Eva	

FIFTH GRADE

Arnold, Ruby	Monroe, Eunice
Landrum, Roy	Shaffer, Dorothy
Rosemond, Adam	Shaffer, John
Walters, Mollie	Wadsworth, Edna
Hopp, Edith	Zupke, Wesley

SIXTH GRADE

Anderson, Gertrude	Work, Morice
Billings, Dorothy	Shortridge, Clark
Gabel, Mary	Raeth, Beatrice
Gedge, Irma	Walters, Mary
Ginther, Clara	Rosmond, Jake
Hopp, Henry	

SEVENTH GRADE

Alles, Lydia	Zupke, Clara
Phen, Elmer	

EIGHTH GRADE

Monroe, Florence	Ginther, August
Clark, Henry	Milroy, Albert
Alles, George	Billings, Virgil
Starkey, Lois	Shortridge, Virgil
Billings, Goldie	

Bracewell

FIRST GRADE

Buxman, Esther	Brethauer, John
Firestone, Mary	Heffel, Dane
Heffel, Mary	Heiser, George
Heiser, Clara	Hemple, Jake
Heiser, Esther	Kaiser, Jake
Strecker, Christine	Knous, Robert
Martinez, Daria	Miller, Jake

SECOND GRADE

Sasz, Katie	Martinez, Demecio
Weinmeister, Mollie	Knous, Emma
Martinez, Juanita	Rosh, Eva
Fireston, John	Rosh, Pauline
Eurick, Minnie	Barber, Herbert
Webber, Ben	

THIRD GRADE

Brethauer, Emma	Buxman, Sam
Heiser, Minnie	Roth, Willie
Kaiser, Anna	Simon, Jake
Claus, Mary	Strecker, Dave
Sandstrom, Charlotte	Strecker, Henry
Sasz, Anna	Weinmeister, John
Buderus, Jacob	Cooper, Lee
Brethauer, Jake	Rosh, Dave
Barber, Richard	Lichtenwahl, Henry

STATE TEACHERS COLLEGE

FOURTH GRADE

Knous, Dollie	Pfalzgraf, Marvin
Hemple, John	Pfalzgraf, Asa
Hettinger, George	Sasz, Joe
Hoffman, Edward	

FIFTH GRADE

Brethauer, Lola	Weinmeister, Alex
Hoffman, Rose	Buxman, Katie
Kerbs, Henry	Maul, Henry
Eunick, Effie	Rosh, Godfrey
Weber, Lydia	

SIXTH GRADE

Simon, Mary	Seibel, David
Claus, John	Kaiser, Henry
Roth, Henry	Hettinger, Jake
Weber, Emanuel	Cooper, Harold
Eunick, Mary	

EIGHTH GRADE

Claus, Marie	Buxman, Marie
Hemple, Charlotte	Roth, George
Maul, Grace	

Hazelton

FIRST GRADE

Achziger, Herman	Baird, Ruth
Nagel, Manuel	Schaub, Toney
Stark, Elsie	Hergert, Esther
Nagel, Jake	Stiber, Ople
Webster, Billie	Schneider, Victor

SECOND GRADE

Achziger, Leah	Miller, Jacob
Libsack, Herman	Peterson, Doris
Moody, Donald	Kammerzell, Lydia
Bolander, Eula	

THIRD GRADE

Achziger, Daniel	Messer, Jake
Messer, Minnie	Moody, Floyd
Peterson, Milford	Stark, Harold
Webster, Maude	Schneider, Pauline

FOURTH GRADE

Achziger, Esther	Humbigner, John
Libsack, Reuben	Rasmussen, Paul
Robertson, Nathan	Schaub, Dola
Stark, Selma	

FIFTH GRADE

Bentley, Earl	Bolander, Evelyn
Bernhardt, Kate	Hergert, Amelia
Hatch, Gladys	Messer, Laura
Koehler, Leona	Schaub, Jake
Peterson, Wesley	Stiber, Mary
Stark, Henry	Kammerzell, Elsie
Steinmiller, Jake	

SIXTH GRADE

Bolander, Clarence	Miller, Leona
Robertson, George	Bernhardt, Martha
Kammerzell, Alex	

SEVENTH GRADE

Baird, Helen	Baird, Viola
Beetham, Scott	Carlson, Paul
Heimbigner, Lena	Koehler, Dan
Messer, Millie	Miller, Rachel
Peterson, Eleanor	Rasmussen, Harold
Steinmiller, Mollie	

EIGHTH GRADE

Baird, Walter	Bentley, Esther
Gousha, Ruby	Whitman, Irene
Zigler, Walter	Foster, Babbie

Attendance Summary

COLORADO STATE TEACHERS COLLEGE

SCHOOL YEAR—1919—1920

FALL, WINTER, SPRING AND SUMMER QUARTERS

I. TEACHERS COLLEGE:		
Fall, Winter and Spring Quarters (no duplicates)	621	
Summer Quarter (no duplicates)	1315	
Total		1936
II. SCHOOL OF ADULTS:		
Fall, Winter and Spring Quarters (no duplicates)	15	
Summer Quarter (no duplicates)	72	
Total		87
III. EXTENSION:		
Group Plan	451	
Individual Plan		
College	350	
High School	54	404
Institute Plan	196	
Total		1054
IV. STATE HIGH SCHOOL OF INDUSTRIAL ARTS:		
Fall, Winter and Spring Quarters (no duplicates)	364	
Summer Quarter (no duplicates)	138	
Total		502
V. TRAINING SCHOOL:		
Fall, Winter and Spring Quarters (no duplicates)	462	
Summer Quarter (no duplicates)	379	
Total		841
IV. DEMONSTRATION SCHOOLS:		
Ashton	66	
Auburn	83	
Bracewell	73	
Hazelton	67	
Total		289
Grand Total (no duplicates)		4709

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Bacteriology	42	Home Economics	63
Bible Study	23	Honorary Fraternities	25
Biological Science	39	Hygiene	65
Biotics	42	Kindergarten	45
Board and Room	20	Latin	97
Board of Trustees	2	Library	70
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Botany	41	Loan Fund	24
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College	103	Modern Languages—Foreign	97
Training and High School	145	Music	77
Chemistry	43	Mythology	70
Child Study	54	Nature Study	42
Christian Association	23	Officers of the Board of Trustees	2
Commercial Arts	92	Oral English	70
Committees—		Organ	81
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1920

JANUARY							APRIL							JULY							OCTOBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
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4	5	6	7	8	9	10	4	5	6	7	8	9	10	4	5	6	7	8	9	10	3	4	5	6	7	8	9
11	12	13	14	15	16	17	11	12	13	14	15	16	17	11	12	13	14	15	16	17	10	11	12	13	14	15	16
18	19	20	21	22	23	24	18	19	20	21	22	23	24	18	19	20	21	22	23	24	17	18	19	20	21	22	23
25	26	27	28	29	30	31	25	26	27	28	29	30	25	26	27	28	29	30	31	24	25	26	27	28	29	30	
.	31		

FEBRUARY							MAY							AUGUST							NOVEMBER						
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8	9	10	11	12	13	14	2	3	4	5	6	7	8	8	9	10	11	12	13	14	7	8	9	10	11	12	13
15	16	17	18	19	20	21	9	10	11	12	13	14	15	15	16	17	18	19	20	21	14	15	16	17	18	19	20
22	23	24	25	26	27	28	16	17	18	19	20	21	22	22	23	24	25	26	27	28	21	22	23	24	25	26	27
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MARCH							JUNE							SEPTEMBER							DECEMBER						
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14	15	16	17	18	19	20	13	14	15	16	17	18	19	12	13	14	15	16	17	18	12	13	14	15	16	17	18
21	22	23	24	25	26	27	20	21	22	23	24	25	26	19	20	21	22	23	24	25	19	20	21	22	23	24	25
28	29	30	31	.	.	.	27	28	29	30	.	.	.	26	27	28	29	30	.	26	27	28	29	30	31		

1921

JANUARY							APRIL							JULY							OCTOBER						
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9	10	11	12	13	14	15	10	11	12	13	14	15	16	10	11	12	13	14	15	16	9	10	11	12	13	14	15
16	17	18	19	20	21	22	17	18	19	20	21	22	23	17	18	19	20	21	22	23	16	17	18	19	20	21	22
23	24	25	26	27	28	29	24	25	26	27	28	29	30	24	25	26	27	28	29	30	23	24	25	26	27	28	29
30	31	30	31	31	30	31		

FEBRUARY							MAY							AUGUST							NOVEMBER							
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MARCH							JUNE							SEPTEMBER							DECEMBER						
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13	14	15	16	17	18	19	12	13	14	15	16	17	18	11	12	13	14	15	16	17	11	12	13	14	15	16	17
20	21	22	23	24	25	26	19	20	21	22	23	24	25	18	19	20	21	22	23	24	18	19	20	21	22	23	24
27	28	29	30	31	.	.	26	27	28	29	30	.	25	26	27	28	29	30	25	26	27	28	29	30	31		

THE COLLEGE CALENDAR

FALL QUARTER, 1920

- Sept. 27, Monday — Registration Day for the Fall Quarter.
- Sept. 28, Tuesday — Classes begin.
- Nov. 25 to 29, Thanksgiving Recess.
- Dec. 17, Friday — The Fall Quarter closes.

WINTER QUARTER, 1921

- Jan. 3, Monday — Registration Day for the Winter Quarter.
- Jan. 4, Tuesday — Classes begin.
- March 24, Thursday — The Winter Quarter closes.

SPRING QUARTER, 1921

- March 29, Tuesday — Registration Day for the Spring Quarter.
- March 30, Wednesday — Classes begin.
- June 15, Wednesday — Commencement Day.

SUMMER QUARTER, 1921

First Half

- June 20, Monday — Registration Day for the Summer Quarter.
- June 21, Tuesday — Classes begin.
- July 22, Friday — The first half of the Summer Quarter closes.

Second Half

- July 25, Monday — Classes begin.
- Aug. 26, Friday — The Summer Quarter closes.

FALL QUARTER, 1921

- Oct. 3, Monday — Registration Day for the Fall Quarter.

