

State High School of Industrial Arts

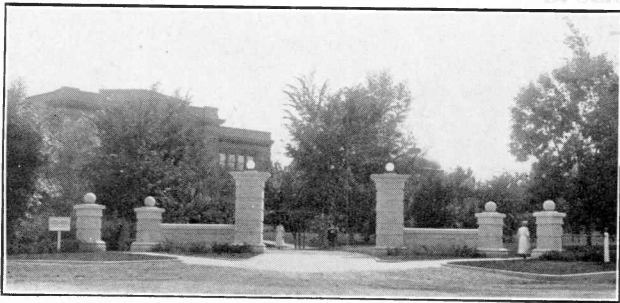
HIGH SCHOOL DEPARTMENT

OF

STATE TEACHERS COLLEGE

GREELEY, COLORADO

THE
STATE TEACHERS
COLLEGE OF COLORADO
Greeley, Colo.



The Gateway to a Vocation.

Bulletin of the State Teachers College of Colorado

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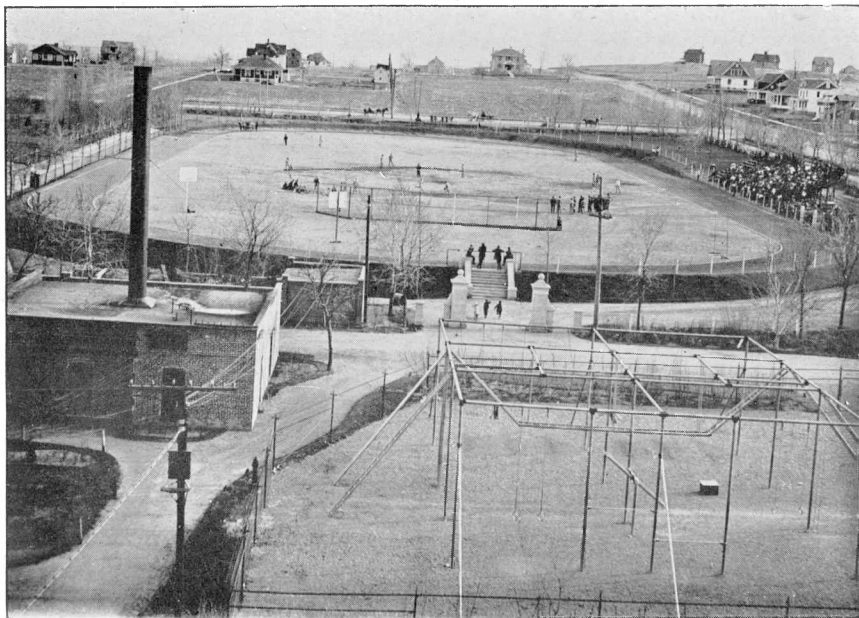
The Industrial Arts Building.



Arts and Crafts Exhibit.



Entrance to Cranford Athletic Field.



Playground and Athletic Field.



Library.

Faculty

Z. X. SNYDER, PH.D., President of the College.
DAVID D. HUGH, A.M., Dean of the Training School.
JOHN R. BELL, A.M., Principal of the High School, History.
RAE BLANCHARD, A.B., Preceptress, English Literature.
GEO. W. FINLEY, B.S., Mathematics.
LULU HEILMAN, A.B., Typriting and Shorthand.
FRANK W. SHULTIS, A.M., Bookkeeping, Busines English.
EMMA C. DUMKE, A.B., Modern Languages.
MARGARET KEYES, A.B., Fysical Education.
CHARLES H. WITHINGTON, M.S., Agriculture.

NOTE:—The folloing members of the College Faculty teach or supervise classes in the high school.

JAMES H. HAYS, A.M., Vice-President, Dean of College, Latin.
S. M. HADDEN, A.M., Dean of Industrial Arts, Manual Arts.
GEORGE A. BARKER, M.S., Fysiografy.
EDW. B. SMITH, B.S., History.
WALTER ISAACS, B.S., Art.
JOHN C. KENDEL, A.B., Music.
JOHN TH. LISTER, A.B., German.
FRANCIS L. ABBOTT, A.M., Chemistry.
JOHN F. MCCUNIFF, Pd.M., Printing, Mecanical Drawing.
IDA MARSHALL, B.S., Cooking.
MERLE KISSICK, A.B., Sewing.
CHARLES FOULK, Pd.B., Bilding Construction.
MAX SHENK, Bookbinding.
AGNES HOLMES, Pd.M., Art.

FELLOWS.

LUCY N. MCLANE, English.
DEXTER B. WALKER, Sience.
LORENNA VANDERLIP, Reading.

VERNON MCKELVEY, Secretary to the President.

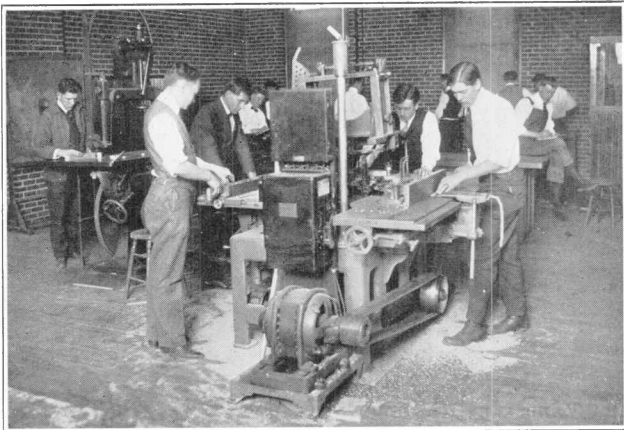
Foreword.

The High School Department of the State Teachers College is being reorganized along vocational lines and will be called in the future The State High School of Industrial Arts.

The function of this particular high school is to stress those courses of study which best prepare for life. Each course offered is intended to give a definite kind of efficiency, and to enable young people to adjust themselves to the complex problems of American civilization without injury or loss.

The plan is, not to educate the boys and girls away from their homes and local communities, but to prepare them to enter into this life with contentment, enthusiasm, and power. To this end, vocational work is given a prominent place in the curriculum.

Realizing the importance of character building as an essential preparation for the duties and responsibilities of life, special emphasis is placed upon ethical training. A constant effort is made to instill high ideals, to develop the habit of painstaking work, and to teach the value and importance of clean thinking and clean living. The ideal of the school is to attain a moral tone so excellent that parents can intrust their boys and girls to the care of the faculty with the utmost confidence.



Wood Turning.

In all publications of this institution is employed the spelling recommended by the Simplified Spelling Board.

Significant Facts.

1. The State High School of Industrial Arts aims to enrich and enlarge life, and only incidentally to get young people ready for higher institutions of learning.
2. The courses are practical. They deal with agriculture, commerce, manual training, home economics, and those subjects which are most closely related to modern life.
3. Capable students are permitted to make the fifteen units in three years, thus saving a year of time.
4. Students can also save time by utilizing the summer term.
5. Pupils can begin work at any time and can complete a course at the end of any term, provided the requisite amount of work is done. The Fall Term begins September 7, 1915. The Winter Term begins November 30, 1915. The Spring Term begins March 8, 1916.
6. Individuals who have three months or more at any season of the year in which they are not busy with their accustomed duties, can take a course suited to their needs. The period covered by the winter term is a very convenient one for young men working on farms.
7. Adult students who for any reason were compelled to leave school at an early age and who earnestly desire an education, can enter the Ungraded School for Adults, where the opportunity will be given for rapid and intense work.
8. In this school young people can do the things they like to do, and the things they believe they can do best, and the things they want to do in life. While great freedom in electives is given, the faculty insists upon earnest effort and thorough work.
9. The State High School of Industrial Arts has at its disposal the use of the library (see picture on inside cover), the museums, and the splendid vocational equipment of the State Teachers College. Many of the strong men of the College faculty also teach classes in the high school.
10. It is greatly to the advantage of the high school to be so closely connected with the Teachers College. The College spirit, enthusiasm and ideals influence the high school, and it becomes easy and natural for the high school pupils to enter the College.

Description of Courses.

It is important that each person who is sufficiently interested in this bulletin to read its contents shall be able to get a clear conception of the purposes of the school, its plan, and the content of its curriculum. To this end, the description of each course, which follows, is given with somewhat minute attention to detail.

Department of Commercial Arts.

NINTH YEAR.

Group Electives—

- Course 1. Business English.
- Course 2. Commercial Arithmetic and Bookkeeping.
- Course 3. General Science, Economic Geography, Com. History.

Free Elective Courses

Vocational—

- Joinery.
- Sewing.
- Printing.
- Bookbinding.
- Carpentry.

Free Elective Courses

Non-Vocational—

- Botany I.
- English I.
- Eng. History I.
- Algebra I.
- Span. or Ger. I.
- Music or Art I.

TENTH YEAR.

Group Electives—

- Course 4. Business Correspondence, Business Ethics.
- Course 5. Adv. Bookkeeping, or Course 6, Stenography.
- Course 7. Typewriting.

Free Elective Courses

Vocational—

- Printing.
- Agriculture.
- Cooking.
- Bookbinding.
- Bldg. Construction.
- App. Geom.

Free Elective Courses

Non-Vocational—

- English II.
- Amer. History II.
- Geom. II.
- Span. or Ger. II.
- Physics II.
- Hygiene II.
- Music or Art II.

ELEVENTH YEAR.

Group Electives—

- Course 8. Advertising, Public Speaking, Debate.
 Course 9. Banking, Finance, Commercial Law.
 Course 10. Adv. Shorthand.
 Course 11. Typewriting.

Free Elective Courses

Vocational—

- Agriculture.
 Printing.
 Bookbinding.
 Wood Turning.
 Home Economics.
 Social Economics.

Free Elective Courses

Non-Vocational—

- Eng. III.
 Mod. Europ. History III.
 Span. or Ger. III.
 App. Fysics III.
 Comm. Chem. III.
 Music or Art III.

SUGGESTIV PROGRAM IN COMMERCIAL ARTS.

Ninth Year	Tenth Year	Eleventh Year
	<i>First Period</i>	
Bus. English	Bus. Correspondence	Public Speaking Advertising Salesmanship
	<i>Second Period</i>	
Comm. Arith. Bookkeeping	Shorthand Adv. Bookkeeping	Adv. Shorthand Banking and Finance Commercial Law
	<i>Third Period</i>	
Economic Geog.	Typriting	Adv. Typriting
	<i>Fourth Period</i>	
Study Period	Study Period	Study Period
	<i>Fifth Period</i>	
Spanish I	Spanish I	Commercial Chem.
	<i>Sixth Period</i>	
Carpentry	Agriculture	Social Economics

EXPLANATION.

Subjects listed in the first three periods of each year are required of commercial students and are the same as the group electives, but those in the fifth and sixth periods are free electives, and therefore other subjects from the vocational or non-vocational groups of the corresponding year may be substituted for them. When several subjects are listed in a given year and period, they will be studied in the order enumerated during the three terms of said year.

PURPOSE OF THE DEPARTMENT OF COMMERCIAL ARTS.

The purpose of this department is to prepare young people for business life. It is intended that they shall be ready to enter commercial establishments, banks, railroad offices, secretaryships, government positions; and that they shall be able to take advantage on their own account of the wider range of opportunities that the ever increasing complexity of American commercial life presents to those who understand the laws of trade, production, consumption, distribution, and are equipped with the technic of the business world.



Basket Ball Team.

Department of Home Economics.

NINTH YEAR.

Group Electives—

- Course 1. Machine Sewing, Hand Sewing, Dressmaking.
- Course 2. Eng. I, Oral Composition, Ritten Composition.
- Course 3. General Sience, Economic Geog., Hygiene.

Free Electiv Courses

Vocational—

- Farm Arithmetic.
- Art Metal.
- Bookbinding.
- Agriculture.

Free Electiv Courses

Non-Vocational—

- Botany I.
- Algebra I.
- Eng. History I.
- Span. or Ger. I.
- Nature Study I.
- Music or Art I.

TENTH YEAR.

Group Electives—

- Course 4. Millinery, Textil Work, Home Decoration.
- Course 5. Cooking, Fancy Cooking, Serving.
- Course 6. Home Economics, Bookkeeping, Banking, Market-
ing, Shopping, Storage, Home Management.

Free Electiv Courses

Vocational—

- Applied Design.
- Pattern Making.
- Agriculture.
- Horticulture.
- Canning.

Free Electiv Courses

Non-Vocational—

- Eng. II.
- Geom. II.
- Fysics II.
- U. S. History II.
- Music or Art II.
- Span. or Ger. II.

ELEVENTH YEAR.

Group Electives—

- Course 7. Inorganic Chemistry, Household Chem., Dietaries.
- Course 8. History of Eng. Literature, Outlines of American
Literature.
- Course 9. Social Economics: Organization of Rural Life,
Neighborhood Improvement, Social Betterment, Scool as
a Social Center, County Agents, Boys' and Girls' Clubs,
Government Activity.

Free Electiv Courses

Vocational—

Applied Design.
 Pattern Making.
 Horticulture.
 Agriculture.
 Landscape Gardening.
 Adv. Cooking.

Free Electiv Courses

Non-Vocational—

Eng. III.
 Mod. Europ. History III.
 Household Fysics III.
 Span. or Ger. III.
 Nature Study III.
 Music or Art III.

NOTE:—The new domestic sience bilding, which is now being erected, wil afford students of the institution unusual facilities for laboratory work along this line.

SUGGESTIV PROGRAM IN HOME ECONOMICS.

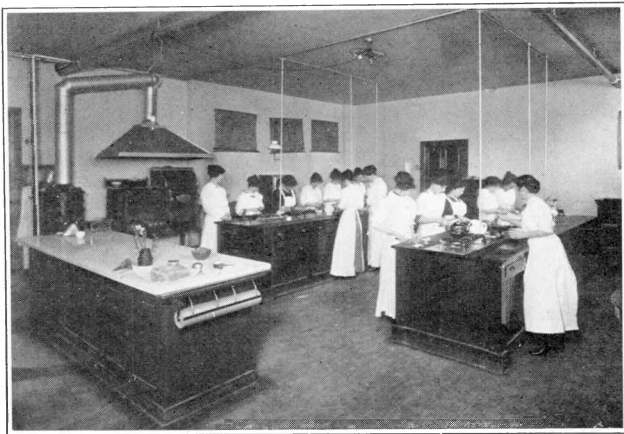
Ninth Year	Tenth Year	Eleventh Year
	<i>First Period</i>	
Machine Sewing.	Millinery.	Inorganic Chem.
Hand Sewing.	Textil Work.	Household Chem.
Dressmaking.	Home Decoration.	Dietaries.
	<i>Second Period</i>	
English I.	Cooking	History of Eng. Lit.
Oral Composition.	Fancy Cooking.	Outlines of Amer. Lit.
Ritten Composition.	Serving.	English III.
	<i>Third Period</i>	
Study Period.	Study Period.	Study Period.
	<i>Fourth Period</i>	
General Sience.	Home Economics.	Social Economics.
Economic Geog.	Bookkeeping.	Org. of Rural Life.
Comm. History.	Home Management.	Government Activity.
	<i>Fifth Period</i>	
Agriculture.	Canning.	Landscape Gardening.
	<i>Sixth Period</i>	
Music or Art I.	English History.	Music or Art II.
Span. or Ger. I.	American History.	Span. II or Ger. II.

EXPLANATION.

Subjects listed in the first four periods of each year ar required and ar the same as in the group electivs above, but those in the fifth and sixth periods ar free electivs, and therefore other subjects from the vocational or non-vocational groups of the corresponding year may be substituted for them.

PURPOSE OF THE DEPARTMENT OF HOME ECONOMICS.

Many high schools have been established in various parts of the United States, designed to give adequate training in the all-important group of subjects known as the home, or economic, arts. The purpose of this school is to give to the girls of Colorado the opportunity of obtaining a similar kind of culture, especially to that group of Colorado girls who expect to become teachers, and who want to know thoroughly those subjects which will enable them to enter the rural life of Colorado and teach with efficiency and power. The pedagogical aspects of the subjects taught will receive very careful attention.



Cooking.



Garden Products.

Department of Agriculture.

NINTH YEAR.

Group Electives—

- Course 1. Agronomy, Plant Propagation, Gardening.
- Course 2. Bus. English, Oral Composition, Debating.
- Course 3. Home Economics: Bookkeeping, Banking, Marketing, Shopping, Storage, Home Management.

Free Electiv Courses

Vocational—

- Farm Arith.
- Joinery.
- Printing.
- Carpentry.
- Home Decoration.
- Mecanical Drawing.

Free Electiv Courses

Non-Vocational—

- Eng. I.
- Eng. History I.
- Span. or Ger. I.
- Gen'l Sience I.
- Music or Art I.
- Algebra I.

TENTH YEAR.

Group Electives—

- Course 4. Botany, Plant Fysiology, Plant Diseases.
- Course 5. Animal Husbandry, Types and Breeds of Live Stock, Stock Judging, Feeds and Feeding.
- Course 6. Rural Economics: Crop Rotation, Seed Selection, Soil Culture, Fertilization.

Free Electiv Courses

Vocational—

Applied Geometry.
 Cabinet Making.
 Landscape Gardening.
 Printing.
 Carpentry.
 Arc. Drawing.

Free Electiv Courses

Non-Vocational—

Eng. II.
 Amer. History II.
 Span. or Ger. II.
 Geom. II.
 Fysics II.
 Music or Art II.

ELEVENTH YEAR.**Group Electivs—**

- Course 7. Zoology, Farm Sanitation, Bacteria, Insects.
 Course 8. Care of Live Stock, Dairying, Poultry, Canning.
 Course 9. Social Economics: Organization of Rural Life,
 Scool as a Social Center, County Agents, Boys' and
 Girls' Clubs, Consolidation of Scools, Social Betterment
 Work.

Free Electiv Courses

Vocational—

Surveying.
 Bilding Construction.
 Drafting.
 Landscape Gardening.
 Forestry.

Free Electiv Courses

Non-Vocational—

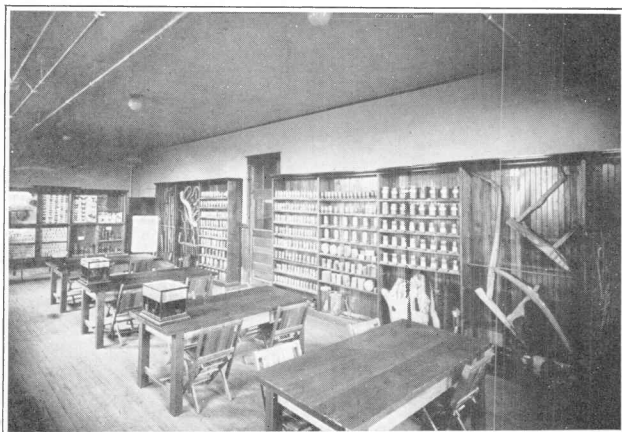
Eng. III.
 Mod. Europ. History III.
 Chemistry III.
 Adv. Algebra III.
 Music or Art III.



Entrance to Greenhouse.

SUGGESTIV PROGRAM IN DEPARTMENT OF AGRICULTURE.

Ninth Year	Tenth Year	Eleventh Year
	<i>First Period</i>	
Agronomy. Plant Propagation Gardening.	Botany. Plant Fysiology. Plant Diseases.	Zoology. Bacteria. Insects.
	<i>Second Period</i>	
Bus. English. Oral Composition. Debating.	Animal Husbandry. Stock Judging.	Care of Live Stock. Dairying. Poultry.
	<i>Third Period</i>	
Home Economics. Bookkeeping. Home Management	Rural Economics. Crop Rotation. Fertilization.	Social Economics. Org. of Rural Life. Social Betterment.
	<i>Fourth Period</i>	
Study Period.	Study Period.	Study Period.
	<i>Fifth Period</i>	
Joinery.	Cabinet Making.	Bilding Construction.
	<i>Sixth Period</i>	
Algebra.	Fysics II.	Chemistry.



Elementary Agriculture.

EXPLANATION.

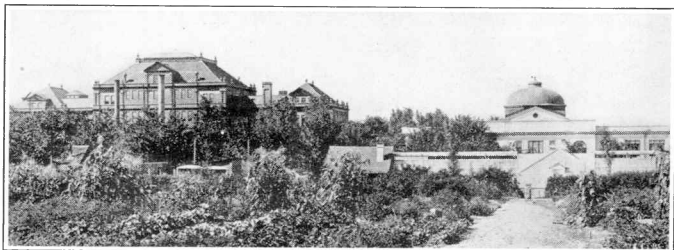
Subjects listed in the first three periods of each year are required and are the same as the group electives above, but those in the fifth and sixth periods are free electives and, therefore, other subjects from the vocational or non-vocational groups of the corresponding year may be substituted for them.

PURPOSE OF THE DEPARTMENT OF AGRICULTURE.

The Department of Agriculture is intended to equip young people for the vocation of farming. The tendency of high schools in the past, even those situated in farming communities, has been to emphasize those phases of education which had no vital relation to the farm, and which, if they prepared for anything definite, prepared for city life. Often the boy has been made to feel that all things connected with country life were common and menial. But a new spirit is arising in education, one that recognizes the essential dignity, strength, and independence of life on the farm, and sets about definitely to fit young men and women for the largest measure of happiness and usefulness in rural life.

Special attention will be given to the pedagogical aspects of all subjects taught. Many teachers who enter rural school work fail to attain the highest possible results, simply because they are city trained and do not have a clear knowledge of the subjects best suited to the rural schools; and they do not understand how to enter into the dominant interests of rural communities.

Those who are planning to teach in rural schools can, therefore, use this course to advantage in preparation for the more advanced work of the Teachers College.



A Glimpse of the Garden.

Department of Manual Arts.

NINTH YEAR.

Group Electivs—

- Course 1. Joinery, Cabinet Making.
- Course 2. Mecanical, Perspectiv, Working Drawing.
- Course 3. Busines English, Applied Algebra.

Free Electiv Courses

Vocational—

- Printing.
- Agriculture.
- Art Metal.
- Bookbinding.
- Home Decoration.

Free Electiv Courses

Non-Vocational—

- Eng. I.
- Eng. History I.
- Gen'l Sience I.
- Algebra I.
- Ger. or Span. I.
- Music or Art I.

TENTH YEAR.

Group Electivs—

- Course 4. Carpentry, Bldg. Construction, Repairs and Job Work.
- Course 5. Arcitectoral Drawing.
- Course 6. Bus. Correspondence, Specifications, App. Geom

Free Electiv Courses

Vocational—

- Applied Design.
- Printing.
- Agriculture.
- Art Metal.
- Home Economics.

Free Electiv Courses

Non-Vocational—

- Eng. II.
- Amer. History II.
- Geom. II.
- Fysics II.
- Span. or Ger. II.
- Music or Art II.

ELEVENTH YEAR.

Group Electivs—

- Course 7. Wood Turning, Pattern Making, Mil Work.
- Course 8. Machine Drawing, Art Rendering.
- Course 9. Social Economics.

Free Electiv Courses

Vocational—

- Printing.
- Agriculture.
- Bookbinding.
- Landscape Gardening.
- Surveying.

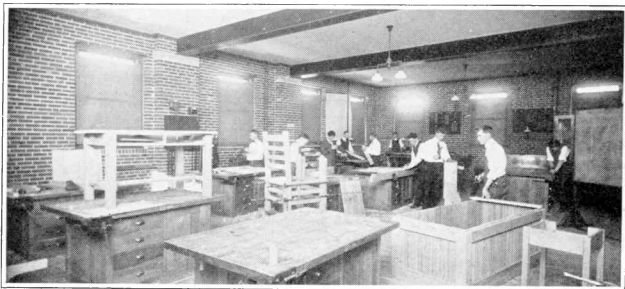
Free Electiv Courses

Non-Vocational—

- Eng. III.
- Chem. III.
- Comm. Chem. III.
- Ethics III.
- Adv. Algebra III.
- Solid Geom. III.

SUGGESTIV PROGRAM IN MANUAL ARTS.

Ninth Year	Tenth Year	Eleventh Year
	<i>First Period</i>	
Joinery. Cabinet Making.	Carpentry. Bldg. Construction. Repairs and Job Work	Wood Turning. Pattern Making. Mil Work.
	<i>Second Period</i>	
Mechanical. Perspectiv. Working Drawing.	Architectural. Drawing.	Machine Drawing. Art Rendering.
	<i>Third Period</i>	
Busines English. Applied Algebra.	Bus. Correspondence Specifications. Applied Geometry.	Social. Economics.
	<i>Fourth Period</i>	
General Sience. English I.	Geometry II. Fysics II. English II.	Chemistry.
	<i>Fifth Period</i>	
Study Period.	Study Period.	Study Period.
	<i>Sixth Period</i>	
Ger. or Span. I. English History.	Ger. or Span. II. Europ. or Eng. History	English III. Europ. or Eng. History



Bilding Construction.

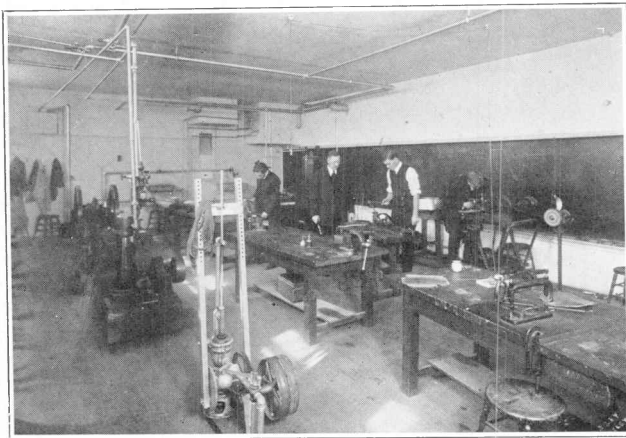
EXPLANATION.

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PURPOSE OF COURSE.

This course is intended primarily to train the hand and to bring about that correlation between hand and brain which enables the individual to realize in forms of wood and metal the ideal art concepts of the mind.

The training, however, which the course provides in the practical arts is so varied and comprehensive, including as it does, mechanical, perspective and architectural drawing, joinery, cabinet making, building construction, wood turning, etc., that the individual who desires to become a carpenter, contractor or architect will find that all the work he has done in the manual arts course directly prepares him for such a vocation and that by continued study along any given line he can perfect himself in his chosen work.



Applied Physics.

At the present time Manual Training affords great opportunities to aspiring yung men. There is a great demand in all parts of the United States for Manual Training teachers. The subject has been introduced in the grammar scools of all cities and in well equipt high scools; and many towns of but a few thousand inhabitants employ a supervisor for Manual Training. Numerous calls come to Teachers College from all parts of the West for yung men qualified to fil such positions. The yung man, therefore, who takes a thoro course in Manual Training may rest assured that he wil be able to secure a position.

Those students ar best prepared for positions in Manual Training who take this course in high scool and continue their work along the same lines in The Teachers College.

Department of Literature and History.

The Department of Literature and History is intended for students who want to place emfasis upon English, literature, history, foren languages, Latin, social economics, civics, and related subjects. Electivs wil be allowd, with the approval of the principal, in other branches.

Those who desire to enter Teachers College or other institutions of like rank, wil find themselvs thoroly prepared for the work after having completed this course.

Department of Mathematics and Sience.

The Department of Mathematics and Sience offers adequate opportunities for such students as desire to stres these subjects. Algebra, geometry, trigonometry, wil be taut from the standpoint of applied mathematics. The problems in each of these siences wil be made concrete and related as definitely as possible to the practical affairs of life.

Botany and Zoology wil be presented from the viewpoint of their importance in agriculture. Much attention wil be devoted to applied fysics and household and commercial chemistry. Electivs wil be allowd, with the approval of the principal, in other departments.

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 this school is to open the door of opportunity to just 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 power demonstrated, without the necessity of completing each omitted step.

Requirements for Graduation.

A unit consists of a study taken five times a week for thirty-six weeks, each recitation being forty-five minutes long.

The amount of work to be done is the same as in the four-year high schools, but the time in which the work is to be done may be shortened by ambitious and capable students. This school does not say to every boy and to every girl: "You can not complete your work in less than four years, no matter how hard you try; no matter how great may be your power of accomplishment, and no matter how excellent the results actually attained." This old lock-step system, which reduces the aspiring to the same level as the indifferent, and makes no distinction between those who possess high ideals, energy, and honor and those that do not, has been abandoned in behalf of a plan which makes all depend upon the efforts and the character of the individual.

Pupils who have good records for scholarship, who are mature and who come to school with a definite purpose of self-improvement, are permitted to take five subjects (five units) per year. But the individual who takes five subjects and fails to do them well is immediately reduced to four subjects (four units). This means that strong students may complete the work in three years, but that those who are not able to save the year of time without sacrificing the quality of their work must take a longer time to complete the course. No stigma whatever attaches to the individual who, because of illness or a desire to do extra work in any given field, limits the number of subjects and consequently increases the time necessary to graduate. On the other hand the school holds out no encouragement to pupils who come to school merely to mark time.

Fees.

Each student who enters the high school shall pay an incidental fee per term of \$8.00.

This incidental fee is to cover the cost of material and supplies used in the various departments of the institution in which the student works.

Each student who enters the high school shall pay a physical education fee per term of \$2.00. Total, \$10.00.

Accommodations for Yung Men.

Room and board for young men can be secured at reasonable rates in private homes. Many young men find work in the city sufficient to pay for part or all of their living expenses.

Accommodations for Girls.

Board and room may be obtained in private families at a reasonable rate. In order to reduce expenses, girls often form clubs and do light housekeeping.

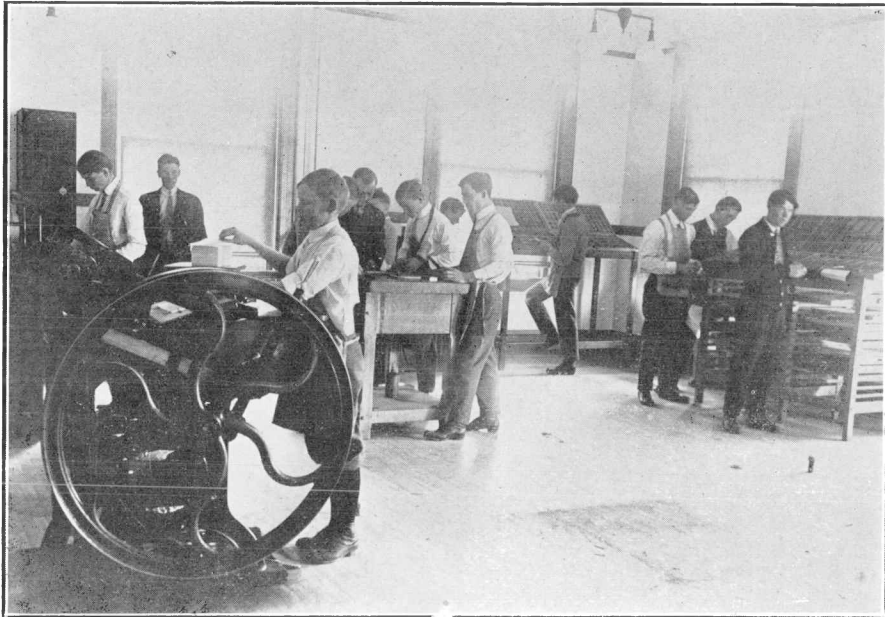
Students of limited means are able to find homes in which to work for their board and room.

Information.

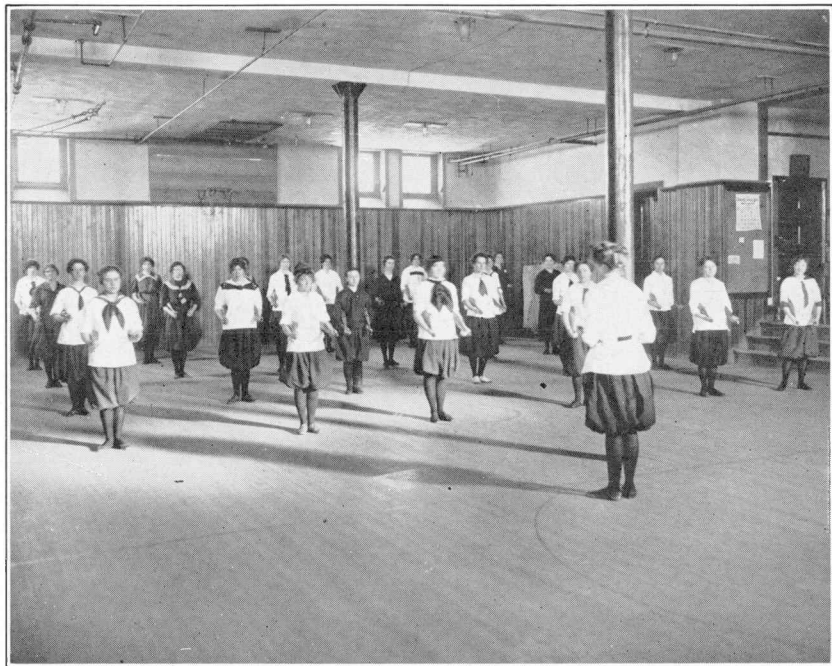
For information not contained in this bulletin address THE STATE TEACHERS COLLEGE, Greeley, Colorado.



Foot Ball Squad.



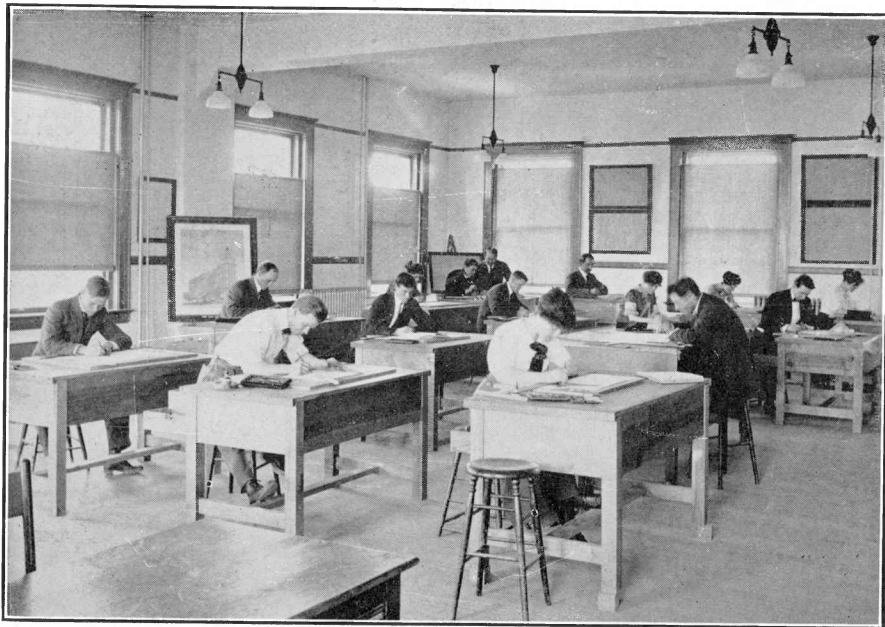
Printing.



Clas in Fysical Education.



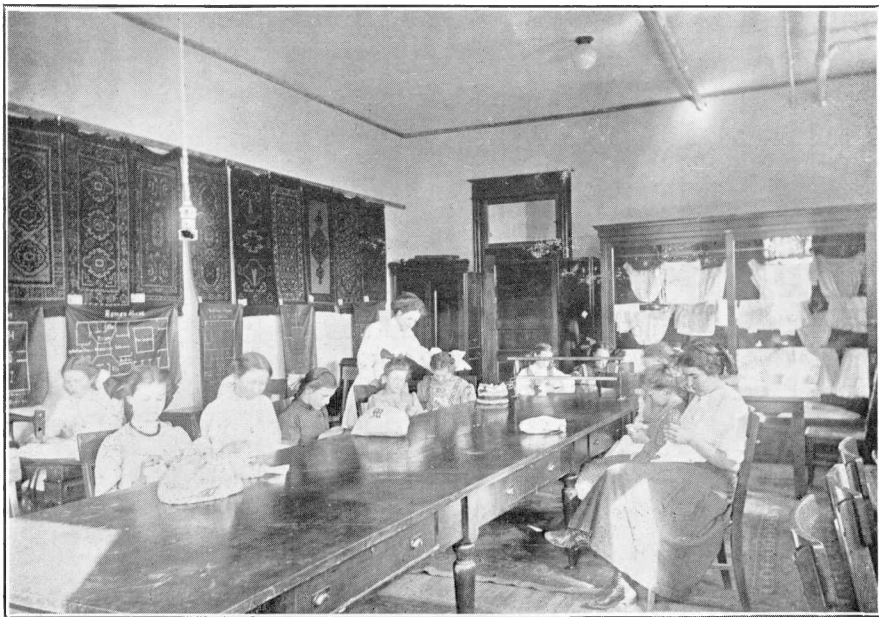
Garments Made by High School Pupils.



Clas in Drafting.



The Ceramic Museum.



Sewing Clas.

THE SUMMER TERM

State High School of Industrial Arts

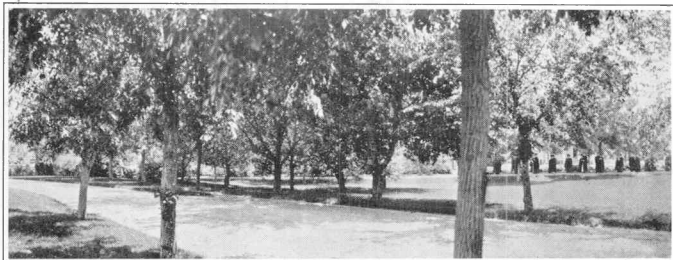
June 21, 1915 to July 30, 1915

Courses will be offered in science, mathematics, English literature, history, modern languages, and those vocational subjects which fit into a well-rounded high school course.

The summer school is one of the newer developments in the educational world, but its success is already assured. It gives the aspiring an opportunity to save time and so shorten the period of preparation for life.

No more beautiful spot is to be found anywhere than the campus of State Teachers College, which is also the home of The State High School of Industrial Arts. Why not begin a high school course this summer, or make progress on the one you have already begun?

No fees will be charged for the summer term. Full credit will be given for work done.



For further information write

THE STATE TEACHERS COLLEGE,
GREELEY, COLORADO.