1895

Eleventh Annual Catalogue and Calendar of the South Dakota Agricultural College for 1894-95

South Dakota Agricultural College

ELEVENTH ANNUAL

CATALOGUE AND CALENDAR

OF THE

SOUTH DAKOTA

AGRICULTURAL COLLEGE

FOR

1894-5.

BROOKINGS, SOUTH DAKOTA.

1895
BROOKINGS COUNTY PRESS,
BROOKINGS.

COLLEGE CALENDAR.

1895.

Thursday, August 1 ..... COMMENCEMENT
Wednesday, August 21 ..... Fall term begins
Thursday, November 7 ..... Fall term ends
Tuesday, November 19 ..... Special winter course in Agriculture begins
Friday, December 20 ..... Holiday recess begins

1886.

Thursday, January 2 ..... Holiday recess closes
Friday, February 14 ..... Special term closes
Wednesday, February 19 ..... Regular Spring term begins
Friday, May 8 ..... Spring term closes
Monday, May 11 ..... Summer terms begins
Wednesday, August 5 ..... Summer term ends—COMMENCEMENT
Wednesday, August 26 ..... Fall term begins
Thursday, November 12 ..... Fall term ends

HOLIDAYS—Thanksgiving Day, Washington's Birthday, Decoration Day and the Fourth of July, falling during term time are observed as holidays.

FACULTY.

LEWIS McLOUTH, A. M., Ph. D., PRESIDENT.
Physics and Astronomy.

NELLIE E. FOLSOM, B. S., PRECEPTRESS,
English Literature.

WILLIAM H. H. PHILLIPS, A. M., Ph. D., V. PRES.
Mathematics.

LILLA A. HARKINS, B. S.,
Domestic Economy.

DONALD A. CORMACK, D. V. S.,
Practical Veterinary Surgery and Medicine.

THOMAS A. WILLIAMS, A. M.,
Botany and Bacteriology.

JOHN M. PARKINSON, A. M., LL. B. LIBARIAN,
History and Political Science.

CARRIE M. BARTON, (Pupil of Ingalbert),
Industrial Art.

LOREN E. WINSLOW,
Stenography and Business Branches.

MRS. ALICE E. HOLT-PALMER, B. L.,
Elocution and Physical Culture. Assistant in English.

ROBERT L. SLAGLE, A. M., Ph. D.
Chemistry.

NIELS E. HANSEN, B. S. A.
Horticulture and Forestry.

DICE McLAREN, M. S., B. D.,
Physiology. Zoology and Entomology

LEE E. WOLGEMUTH, M. S.,
Steam and Mechanical Engineering.

DAVID F. JONES, Ph. G.,
Pharmacy.

EDGAR A. BURNETT, B. S.,
Practical Agriculture.

AUSTIN B. CRANE, B. S.,
Assistant in Mathematics.

HUBERT B. MATHEWS, B. S.,
Assistant in Physics and Chemistry.

JOHN M. TRUEMAN, B. S.,
Assistant in Agriculture. Dairying Science and Art.

GILBERT A. YOUNG, B. S.,
Instructor in Wood and Iron Work.

MRS. HELEN B. SOUTHWICK,
Instructor in Music.

MARCUS JOHNSON,
Instructor in Traction Engine Practice.

ED. F. HEWIT, SECRETARY AND STEWARD.

H. C. Solberg

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Hon. Lars K. Larson.....Dell Rapids
Ed. F. Hewit, Secretary

OTHER EMPLOYEES.

MARCUS JOHNSON,
Engineer and Steam Fitter.

FRED K. LUKE, B. S.,
Assistant in Horticulture.

A. W. WILLIAMS,
Foreman of the Farm

WILLIAM WEST,
Farm Teamester.

W. H. MURPHY,
Horticultural Teamster.

UNITED STATES

AGRICULTURAL EXPERIMENT STATION

OF SOUTH DAKOTA.

Under the Control and Management of the Regents of Education and the Board of Trustees.

EXPERIMENT STATION COUNCIL.

LEWIS McLOUTH, President Ex-Officio and Exective Officer.

W. H. H. PHILLIPS, V. President.

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T. A. WILLIAMS, Botanist and Bacteriologist.

ROBERT L. SLAGLE, Analytical Chemist.

N. E. HANSEN, Horticulturist.

DICE McLAREN, Entomologist.

EDGAR A. BURNETT, Agriculturist.

ED. F. HEWIT, Secretary and Accountant.

ASSISTANTS.

JOHN M. PARKINSON, Librarian.

L. E. WINSLOW, Stenographer.

JOHN M. TRUEMAN, Dairy Science.

H. B. MATHEWS, Assistant in Chemistry.

A. W. WILLIAMS, Foreman of the Farm.

W. H. MURPHY,
WILLIAM WEST, } Teamsters.

LIST OF STUDENTS.

POST GRADUATES.

Crane, Austin B.,	Brookings,	Brookings
Dibble, Hattie,	Galla.	Moody
Harkins, Lilla A.,	Brookings,	Brookings
Hopkins, Cyril G.,	Brookings.	Brookings
Luke, Fred K.,	Brookings,	Brookings
McKenney Duston W., in absentia,	Lafayette,	Indiana
McLouth, Ida B.,	Brookings.	Brookings
Robertson, Ada,	Helena,	Montana
Schoppe, W. J. A.,	Clark,	Clark
Sproul, A Hugh,	Pierre,	Hughes
Waters, Geo. D.,	Brookings,	Brookings

SENIORS.

Allison, William F.,	Brookings,	Brookings
Brown, Sarah,	Rockham.	Faulk
Cornell, Harry M.,	Brookings,	Brookings
Mayland, Mabel Christine,	Brookings.	Brookings
*Mellette, T. Wylie,	Watertown,	Codington
Parker, Anna Rowell,	Brookings.	Brookings
Salisbury, Edith M.,	Ashton,	Spink
Seey, Isaac B.,	Britton,	Msrshall
Sproul, Willlam C.,	Pierre,	Hughes
Thornber, John J.,	Iroquois,	Kingsbury
Wilcox, Ernest N.,	Plankinton,	Aurora

*Deceased.

JUNIORS.

Atkinson, George W.,	White,	Brookings
Atkinson, Jesse C.,	White,	Brookings
Dibble, Ida,	Galla,	Moody
Grattan, Paul H.,	Elkton,	Brookings
Hegeman, Harry A.,	Brookings,	Brookings
Holm, Andrew B.,	Brookings,	Brookings
Hoy, Howard H.,	La Delle,	Spink

Korstad, Mary,	Brookings,	Brookings
Mathews, Alta,	Willow Lakes,	Clark
Mathews, Emma Nora,	Willow Lakes,	Clark
Sasse, Ernest G.,	Vienna,	Clark
Van Osdel, Mark M.,	Mission Hill,	Yankton
Williamson, Albert,	Plankinton,	Aurora

SOPHOMORES.

Ainsworth, Cephas B.,	Baraboo,	Wisconsin
Ainsworth, Flora L.,	Baraboo,	Wisconsin
Ainsworth, Howard H.,	Baraboo,	Wisconsin
Beck, Louis,	Hand,	Hand
Clevenger, John William,	Brookings,	Brookings
Hargis, Christie E.,	Brookings,	Brookings
Hazel, Fred C.,	Lebanon,	Potter
Hazel, William A.,	Lebanon,	Potter
Hegeman, Maud,	Brookings,	Brookings
Husted, Harley H.,	Watertown,	Codington
Knox, William H.,	De Voe	Faulk
Madden, Cassie E.,	Brookings,	Brookings
Olson, Eva Louise,	Bruce,	Brookings
Orr, Frank G.,	Brookings,	Brookings
Parsons, Thomas Smith,	Durand,	Wisconsin
Shuster, John W.,	Florence,	Hand
Snell, Cora Ethel,	Brookings,	Brookings
Thornber, Walter S.,	Iroquois,	Kingsbury
Thornber, William T.,	Iroquois,	Kingsbury
Walters, Edith A. A.,	Bruce,	Brookings
Walters, William H.,	Bruce,	Brookings
West, Orpha K.,	Woonsocket,	Sanborn
Wilcox, Alice,	Plankinton,	Aurora
Williams, Emma M.,	Weeping Water,	Nebraska
Williams, John W.,	Weeping Water,	Nebraska
Work, Lloyd E.,	Brookings,	Brookings
Young, Grace M.,	Brookings,	Brookings

FRESHMEN.

Bolles, Myrick N.,	Colman,	Moody
Cunningham, Rena,	Bookings,	Brookings
Fielder, Charles W.,	Brookings,	Brookings
Findeis, Phillip,	Miranda,	Faulk
Fjerstad, Hans R.,	Toronto,	Deuel
Foye, Frank E.,	Naples,	Clark

39

Glascoe, Noah,	Willow Lakes,	Clark
Goodfellow, George H.,	White,	Brookings
Goodfellow, Walter V.,	White,	Brookings
Gullickson, Elsie,	Toronto,	Deuel
Harding, Charles J.,	Britton,	Marshall
Hartwick, Alfred,	Brookings,	Brookings
Hartwick, Carl B.,	Brookings,	Brookings
Hageman, Mabel,	Brookings,	Brookings
Hodgeson, Herbert,	Huron,	Beadle
Hopkins, C. Edward,	Estelline,	Hamlin
Hollekim, Lars,	Toronto,	Deuel
Hill, Osmer J.,	Willow Lake,	Clark
Hurd, George,	Hand,	Hand
Kelley, D. H.,	Hecla,	Brown
Lawrence, Claude,	Woonsocket,	Sanborn
Lawrence, Clay,	Woonsocket,	Sanborn
Lee, Guy U.,	Rockford,	Illinois
Lindsey, William H.,	Lake Preston,	Kingsbury
Minder, Andrew,	Wilmot,	Roberts
Mayland, Cora A.,	Brookings,	Brookings
Norton E. Guy,	Vienna,	Clark
Pickles, Hattie,	Clark,	Clark
Ribstein, Clark,	Bruce,	Brookings
Sampson, Vendella M.,	Bruce,	Brookings
Towne, Judson R.,	Mellette,	Spink
Thorston, Sophia,	Brookings,	Brookings
Van Osdel, Frank,	Mission Hill,	Yankton
Walker, Edward J.,	Willow Lakes,	Clark
Walter, Herbert,	Green Valley,	Minnesota

PHARMACY.

SECOND YEAR.

Briggs, Henry E.,	Muscoda,	Wisconsin
Knox, William H.,	De Voe,	Fanlk
Lentz, Elmer F.,	White,	Brookings
Murphy, William C.,	Brookings,	Brookings
Whitehead, Bower T.,	Galla,	Moody

FIRST YEAR.

Cotter, Joseph H.,	Dell Rapids,	Minnehaha
Cunningham, Arthur,	Aurora,	Brookings
Grove, Eugene,	Brookings,	Brookings
Harmon, Horace E.,	Manchester,	Kingsbury
Hewit, Earl,	Brookings,	Brookings

Glascoe, Noah,	Willow Lakes,	Clark
Goodfellow, George H.,	White,	Brookings
Goodfellow, Walter V.,	White,	Brookings
Gullickson, Elsie,	Toronto,	Deuel
Harding, Charles J.,	Britton,	Marshall
Hartwick, Alfred,	Brookings,	Brookings
Hartwick, Carl B.,	Brookings,	Brookings
Hageman, Mabel,	Brookings,	Brookings
Hodgeson, Herbert,	Huron,	Beadle
Hopkins, C. Edward,	Estelline,	Hamlin
Hollekim, Lars,	Toronto,	Deuel
Hill, Osmer J.,	Willow Lake,	Clark
Hurd, George,	Hand,	Hand
Kelley, D. H.,	Hecla,	Brown
Lawrence, Claude,	Woonsocket,	Sanborn
Lawrence, Clay,	Woonsocket,	Sanborn
Lee, Guy U.,	Rockford,	Illinois
Lindsey, William H.,	Lake Preston,	Kingsbury
Minder, Andrew,	Wilmot,	Roberts
Mayland, Cora A.,	Brookings,	Brookings
Norton E. Guy,	Vienna,	Clark
Pickles, Hattie,	Clark,	Clark
Ribstein, Clark,	Bruce,	Brookings
Sampson, Vendella M.,	Bruce,	Brookings
Towne, Judson R.,	Mellette,	Spink
Thorston, Sophia,	Brookings,	Brookings
Van Osdel, Frank,	Mission Hill,	Yankton
Walker, Edward J.,	Willow Lakes,	Clark
Walter, Herbert,	Green Valley,	Minnesota

PHARMACY.

SECOND YEAR.

Briggs, Henry E.,	Muscoda,	Wisconsin
Knox, William H.,	De Voe,	Fanlk
Lentz, Elmer F.,	White,	Brookings
Murphy, William C.,	Brookings,	Brookings
Whitehead, Bower T.,	Galla,	Moody

FIRST YEAR.

Cotter, Joseph H.,	Dell Rapids,	Minnehaha
Cunningham, Arthur,	Aurora,	Brookings
Grove, Eugene,	Brookings,	Brookings
Harmon, Horace E.,	Manchester,	Kingsbury
Hewit, Earl,	Brookings,	Brookings

Moore, Thomas J.,	Howard.	Miner
Palmer, Horton M.,	White.	Brookings
Phillips, Clarence,	Brookings.	Brookings
Phillips George I.,	Brookings,	Brookings
Sherwin, Frank E.,	Brookings.	Brookings

STEAM ENGINEERING.

Boynton, Wilmer, H.,	Doland.	Spink
Drake, Milo G.,	Ramona.	Lake
Jones, James Elmer,	Toronto,	Deuel
Larson, Oscar,	Flandreau,	Moody
Maxwell, Thomas,	Menno.	Hutchinson
Hasvold, Melvin,	Flandreau,	Moody
McKinney, Elmer E.,	Ames,	Hand
Mittan, John Thomas,	Naples.	Clark
Nott, Harvey A.,	Haram,	Lincoln
Stabnaw, Carl Albert,	Helca.	Brown
Wing, Edward C.,	Brookings,	Brookings

MUSIC COURSE.

Gove, Florence,	Watertown,	Codington
Hewit, Nellie,	Brookings.	Brookings
Orr, Angie.	Brookings	Brookings
Walter, Alma C.,	Brookings	Brookings
Schoppe, Mrs. W. J. A.,	Clark	Clark

SPECIAL.

Aldrich, Mrs. E. N.,	Brookings.	Brookings
Cheever Edward, M.,	Brookings.	Brookings
Engelson, Hannah E.,	Brookings.	Brookings
Fry, Frank, C.,	Scotland,	Bon Homme
Haroldson, Harold F.,	Brookings.	Brookings
Kessler, Isadora.	Brookings,	Brookings
Klassy, John D.	Madison.	Lake
Lindsey, Mrs. Jessie J.	Lake Preston,	Kingsbury
Paddock, Jay M,	Huron,	Beadle
Plocker, Francis M.,	Brookings.	Brookings
Phillips, Edward C.,	Brookings,	Brookings
Risum, May,	Brookings,	Brookings
Ricker, Mrs. Kate H.,	Aurora,	Brookings

Roddle, Ethel.	Brookings,	Brookings
Shanley, Bridget E.,	Woonsocket,	Sanborn
Skinner, Agnes,	Brookings,	Brookings
Smith, Millie Maude	Sherman,	Minnehaha
Spear, Edith A.,	Brookings,	Brookings
Stromme, Minnie,	Volga,	Brookings
Trygstad, Mary,	Brookings.	Brookings
Waters, Nina,	Boorkings,	Brookings
Wheaton, Belle,	Brookings,	Brookings
Winslow, Elbertene,	Brookings.	Brookings
Winslow, Hattie A.,	Brookings,	Brookings
Youngberg, Selma,	Volga,	Brookings

PREPARATORY.

Allison, Helen,	Alpena,	Jerauld
Amoo, William R.,	Howard,	Miner
Anderson, Clark,	Ola,	Brule
Anderson, Roy,	Ola,	Brule
Ashley, Louise A.,	Flandreau,	Moody
Bakke, Martin,	Poinsett,	Hamlin
Bagley, Susie,	Elkton,	Brookings
Banse, Herman A. H. C.,	Woolsey,	Beadle
Battie, Lucy,	Elrod,	Clark
Beatty, Mary G.,	Bonilla,	Beadle
Beebe, Jay Lee,	Brookings,	Brookings
Campbell, Walter,	Brookings,	Brookings
Cline, Amy G.,	Holabird,	Hyde
Cline, Edith B.,	Holabird,	Hyde
Cranston, Royal,	Lake Campbell,	Brookings
Doersch, Lewis F.,	Hecla,	Brown
Drake, Ina,	Ramona,	Lake
Egeberg, Nora E.,	Brookings.	Brookings
Haavi, Kallein,	Brookings,	Brookings
Hanson, Alfred,	Huron,	Beadle
Hanson, Henry,	De Voe,	Faulk
Hanson, William,	De Voe,	Faulk
Hartwick, Albert,	Brookings.	Brookings
Hartwick, Carl B.,	Brookings,	Brookings
Hatfield, Roy Berton,	Huron,	Beadle
Havens, Paul R.,	Webster.	Day
Jevne, Belle R.,	Brookings,	Brookings
Korstad, Hans,	Brookings,	Brookings

Larson, Philip Oscar,	Flandreau,	Moody
Lawrence, Mary Minerva.	Woonsocket,	Sanborn
Lawrence, William H.,	Woonsocket,	Sanborn
Lewis, Lilian L.,	Brookings,	Brookings
Martinson, May,	Brookings,	Brookings
Martinson, Minnie,	Brookings,	Brookings
McNamee, Thomas W.,	Brookings,	Brookings
McReynolds, Harry C.,	Lebanon,	Potter
Mundt, Charles F.,	Hartford,	Minnehaha
Murphy, Frank.	Brookings.	Brookings
Murphy, Mary.	Brookings,	Brookings
Nachtigal, Isaac	Marion,	Turner
O'Conner, Annie.	Bruce,	Brookings
O'Conner, Mary.	Bruce.	Brookings
Opdahl, Anna. H.,	Volga.	Brookings
Palmer, William E.,	Altamont.	Deuel
Robinson, Fred E.,	Ishpeming,	Michigan
Salisbury, Emma Maud,	Mellette,	Spink
Salisbury, Nellie Maria,	Mellette.	Spink
Sand, Arthur,	Mound City,	Campbell
Schultz, Ernest,	White.	Brookings
Snyder, John A.,	Estelline.	Hamlin
Stromme, Emma J.,	Volga.	Brookings
Stromme, Helen W.,	Volga,	Brookings
Swanson, Tilda. H.,	Bruce.	Brookings
Thornber, Albert E.,	Iroquois.	Kingsbury
Thompson, Anna Christine,	Toronto	Deuel
West, George H.,	Woonsocket.	Sanborn
West, Philo N.,	Hetland	Kingsbury
Work, Abel,	Brookings,	Brookings
Youngberg, Hannah,	Volga.	Brookings

31

SCHOOL OF MUSIC.

(Other music pupils are counted in the regular courses.)

Adams, Gertrude,	Brookings,	Brookings
Breed, Ray.	do	do
Campbell, Claude,	do	do
Carpenter, Maude.	Bruce,	do
Colgrove, Ina,	Brookings,	do
Cook, Lena.	do	do
Corbin, Lucy,	do	do

Corbin, Myrtle,	Brookings,	Brookings
Corbin, Ped,	do	do
Digre, Christie,	Bruce,	do
Dutcher, Adams,	Brookings,	do
Engelson, C. J.,	do	do
Etting, Maude,	do	do
Etting, Bessie,	do	do
Farrar, Nellie,	do	do
Fishback, Myra,	do	do
Fishback, Van,	do	do
Harris, A. A.,	do	do
Hewit, Ida,	do	do
House, Eva,	do	do
Johnson, Elvina,	do	do
Keith, Birdie,	do	do
Korstad, Belle,	do	do
Lockwood, Bessie,	do	do
Loveland, Susie,	do	do
Madden, Maggie,	do	do
Madden, Thomas,	do	do
Mathews, Mrs. H. B.,	do	do
McNamee, Minnie,	do	do
Mumford, Edward,	do	do
Murphy, Nona,	do	do
Patterson, Eva,	do	do
Phillips, Florence,	do	do
Phillips, Louise,	do	do
Pond, Florence,	do	do
Pond, Ora,	do	do
Pulis, Delpha,	do	do
Pulis, Mrs. G. S.,	do	do
Reppe, Ingeborg,	do	do
Risum, Stella,	do	do
Tolliver, May,	do	do
Tree, Nellie,	do	do
Waters, Bessie,	do	do
White, Mrs. A. T.,	do	do
Williams, Daisy,	do	do
Williams, Josie,	do	do
Young, Nora,	do	do
Youngman, Ruth,	do	do

WINTER COURSE.

Anderson, Clark,	Ola.	Brule
Anderson, Roy,	Ola.	Brule
Beatty, Joe W.,	Bonilla.	Beadle
Boynton, Wilmer.	Doland,	Spink
Drake, Milo, G.,	Ramona,	Lake
Eartwick, Carl B.,	Brookings,	Brookings
Jones, J. Elmer,	Toronto,	Deuel
Korstad, John	Brookings,	Brookings
Korstad, Tollef	Brookings.	Brookings
Lee, Guy,	Rockford,	Illinois
Lewis, George N.,	Madison,	Lake
Maxwell, Thomas,	Menno,	Hutchinson
McNamee, John.	Brookings.	Brookings
Phillips, Ed. C.,	Brookings,	Brookings
Sheldon, Harry E.,	St. Lawrence,	Hand
Stermer, Edmund.	White,	Brookings
Wheaton, Walter,	Groton,	Brown
Wendell, Carl,	Brookings,	Brookings

SUMMARIES.

Postgraduates	11
Seniors	11
Juniors	13
Sophomores	27
Freshmen	35
Pharmacy	15
Special	25
Steam Engineering	11
Music Course	5
Total in College Studies	153
School of Music	48
Preparatory	59
Winter Class	18
Total	278
Counted twice	9
Total Enrollment	269

269

ESTABLISHMENT, ENDOWMENT AND DESIGN.

In February, 1881, the territorial legislature passed an act establishing an agricultural college and locating it at Brookings. The legislature of 1883 provided for the erection of the first building.

The college was founded in anticipation of the advantages to be derived when the territory became a state from the land granted by act of Congress in July, 1862. Under this act each state then in the Union and every one afterwards to be admitted, was granted a quantity of land equal to thirty thousand acres for each representative the state had or should have in Congress. The following paragraph is quoted from this act:

"All moneys derived from the sale of the lands aforesaid by the States to which the lands are apportioned, and from the sales of land scrip, shall be invested in stocks of the United States, or of the States, or some other safe stocks, yielding not less than five per centum upon the par value of said stocks; and the money so invested shall constitute a perpetual fund, the capital of which shall remain forever undiminished, except as herein provided, and the interest of which shall be inviolably appropriated by each State, to the endowment, support and maintenance of at least one college where the leading object shall be, without excluding other scientific and classical studies, and including military tactics, to teach such branches of learning as are related to agriculture and the mechanic arts in such manner as the legislatures of the States may respectively prescribe, in order to promote the liberal and practical education of the industrial classes in the several pursuits and professions of life."

The Congressional act under which South Dakota became a state, sets apart ONE HUNDRED AND SIXTY THOUSAND ACRES of land as a perpetual endowment for agricultural education. When these land are sold and the proceeds invested, the college ought to be independent of State aid for its current expenses.

Section seven of the territorial act of re-organization, approved March 11, 1887, is as follows:

"The Agricultural College, established by chapter three of the session laws of 1881, shall be known by the name of the Dakota Agricultural College. The design of the institution is to afford practical instruction in agriculture and the natural sciences which bear directly upon all industrial arts and pursuits. The course of instruction shall embrace the

English language and literature; civil engineering, agricultural chemistry, animal and vegetable anatomy and physiology; the veterinary art; entomology, geology and such other natural sciences as may be prescribed; political, rural and household economy; horticulture, moral philosophy, history, book keeping, and especially the applications of science and the mechanic arts to practical agriculture in the field."

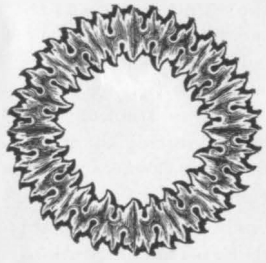
The obvious intent and purpose of these acts was to establish a school whose aim shall be to provide such intellectual and manual training as shall best fit the young men and women of the State for the productive industries. To this end three full courses of study have been prepared and are now offered: The course in Agriculture is designed for young men, the course in Domestic Economy for young women, the course in Mechanic Arts for those young men who have tastes and talent for any of the mechanical industries. The short course in Pharmacy is designed to prepare young men and women to become druggists. A short course in agriculture, two years in extent, and covering most of the technical instruction in Agriculture, and a corresponding two years' course in Mechanic Arts, are now offered for the first time. A student finishing one of these courses can in two additional years complete the corresponding long course. A course of one year in the most practical branches of Irrigation Engineering is also for the first time offered to any who may desire to fit themselves to carry on the work of farm irrigation in South Dakota or elsewhere. A two years' course in Music is also offered, of which the literary and historical studies are given in the regular classes of the college and the musical instruction is given by the affiliated Brookings School of Music. A short special course in Practical Engineering during the spring and summer terms is offered to those who wish to learn how to run, manage or care for stationary or threshing machine traction engines. A short course in Practical Agriculture is offered during the winter from November to February for the advantage of young farmers who cannot attend the regular sessions of the college.

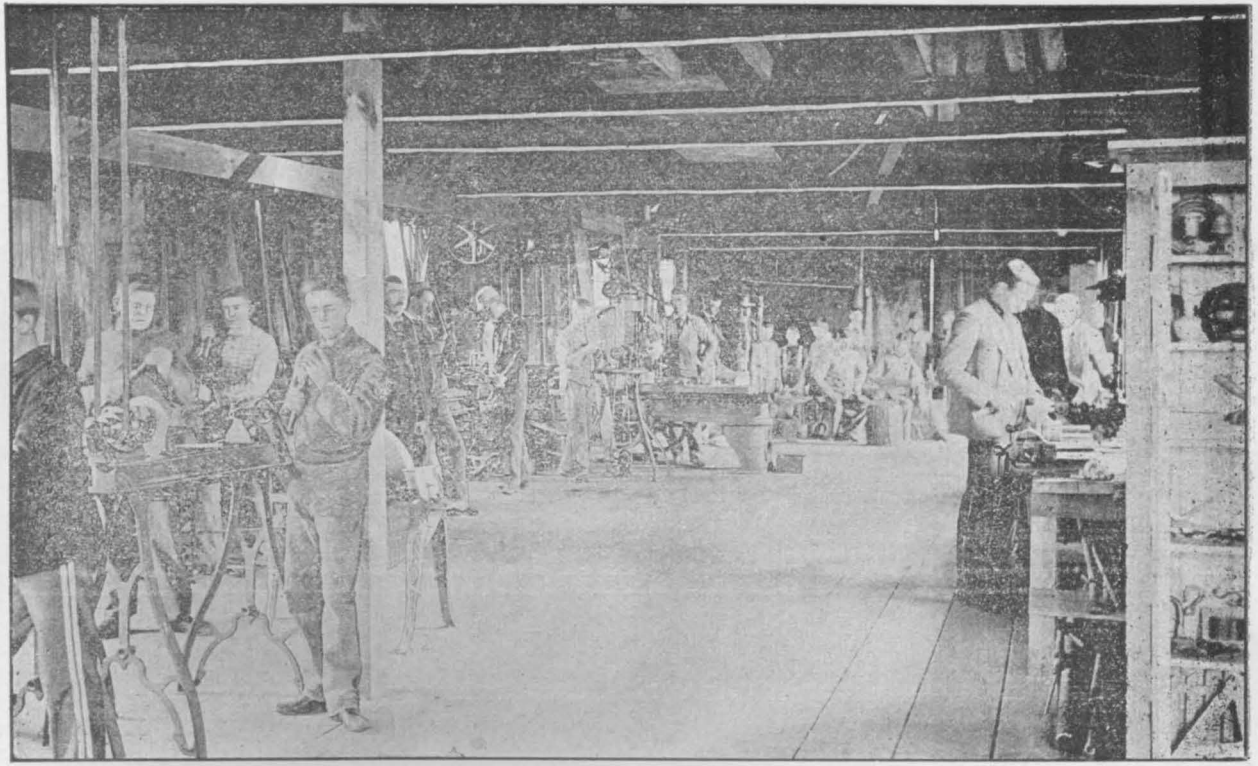
The Congressional act, called the "Hatch Act," provides for the establishment of Agricultural Experiment Stations in connection with the Agricultural Colleges of the several states and territories and appropriates the sum of $15,000 per annum for the maintenance of each of said stations. The territorial legislature of 1887 accepted this grant and established a station in connection with the Agricultural College at Brookings.

On the 30th of August, 1890, the President of the United States approved an act of Congress, generally known as the Morrill Act, for "the more complete endowment and support of colleges for the benefit of Agriculture and the Mechanic Arts." Under this act the college receives from the general government $15,000 for the first year, $16,000 for the second, $17,000 for the third and so on until the annual amount reaches and remains at $25,000 during the pleasure of Congress. This money can

only be used for the support of instruction "in Agriculture, the Mechanic Arts, the English Language and the various branches of Mathematical, Physical, Natural and Economic Science, with special reference to their applications in the industries of life, and to the facilities for such instruction." This money can only be used for the payment of salaries of instructors in these branches, and for the purchase of apparatus and material needed for instruction.

The State legislature of 1891, by formal action, accepted this grant with its conditions for the Agricultural College, and made the treasurer of the board the legal custodian of the funds. This fund is now sufficient, with economy, to pay the salaries of all the instructors in the institution.





VIEW OF MACHINE SHOP.

VIEW OF FARM AND DAIRY BUILDINGS.—DAIRY BUILDING ON THE RIGHT.

COURSES OF STUDY.

FULL COURSE IN AGRICULTURE.

FRESHMAN YEAR.

FALL TERM.

Elementary Algebra. English Composition. Book-keeping. Military.	Shop Work.

SPRING TERM.

Elementary Algebra. Rhetoric. Botany, 2. Zoology, 3. Military.	Domestic Animals, 3 Veterinary Medicine, 2.

SUMMER TERM.

Algebra. Rhetoric. Botany, 3. Zoology, 2. Military.	Dairying.

SOPHOMORE YEAR.

FALL TERM.

Geometry. Introduction to Eng. Literature. Physics. Military.	Veterinary Medicine.

SPRING TERM.

Geometry. General History. Physics. Military.	Horticulture, 3. General Agriculture, 2.

SUMMER TERM.

Geometry. General History. Physics. Military.	Horticulture, 2. General Agriculture, 3.

JUNIOR YEAR.

FALL TERM.

Trigonometry and Surveying, or English History. Chemistry. Physiological Botany, 3. Comparative Anatomy, 2.	Stock Feeding.

SPRING TERM.

Trigonometry, or American History. Chemistry. Cryptogamic Botany, 2. Comparative Anatomy, 3.	Forestry, 2. Landscape Gardening, 2. Veterinary Medicine, 1, or Dairying, 1.

SUMMER TERM.

Chemistry. Botany—Diseases of Plants, 2. Anatomy and Physiology, 3. Entomology, 3. Bacteriology, 2.	Forestry, 3. Veterinary Medicine, 2, or Dairying, 2.

SENIOR YEAR.

FALL TERM.

Astronomy, or English Literature. Meteorology. Commercial Law, 3. Economics, 2.	Quantitative Chemistry, or Veterinary Medicine, or Adv. Horticulture.

SPRING TERM.

Psychology, Constitutional Law, 3. Economics, 2. English Literature.	Stock Breeding, 3. Veterinary Medicine, 2, or Agricultural Chemistry, 2, or Adv. Botany, 2, or Adv. Entomology, 2.

SUMMER TERM.

English Literature. Agricultural Geology. Constitutional Law, 3. Economics, 2.	Thesis.

FULL COURSE IN DOMESTIC ECONOMY.

FRESHMAN YEAR.

FALL TERM.

Elementary Algebra.	Drawing.
Book-keeping.	Instrumental Music.
English Composition.	Shorthand and Typewriting.
Physical Culture.	Domestic Dairying.
Any elective opposite.	Sewing.

SPRING TERM.

Elementary Algebra.	Drawing.
Rhetoric.	Instrumental Music.
Botany, 2.	Shorthan and Typewriting.
Zoology, 3.	Domestic Dairying.
Physical Culture.	Sewing.
Any elective opposite.	

SUMMER TERM.

Algebra.	Sewing, if not taken the Fall or Spring term.
Rhetoric.	Drawing.
Botany, 3.	Instrumental Music.
Zoology, 2.	Shorthand and Typewriting.
Physical Culture.	Domestic Dairying.
Any elective opposite.	

SOPHOMORE YEAR.

FALL TERM.

Geometry.	Household Economy and Sanitation.
Introduction to Eng. Literature.	
Physics.	
Physical Culture.	

SPRING TERM.

Geometry.	Cooking.
General History.	
Physics.	
Physical Culture.	

SUMMER TERM.

Geometry.	Free Hand Drawing.
General History.	
Physics.	
Physical Culture.	

JUNIOR YEAR.

FALL TERM.

Eng. History, or Trigonometry.	Industrial Art.
Physiological Botany, 3.	Cooking.
Comparative Anatomy, 2.	Instrumental Music.
Chemistry.	Shorthand and Typewriting.
Any elective opposite.	

SPRING TERM.

American History, or Trigon'm'try.	Landscape Gardening, 2.
Cryptogamic Botany, 2.	Floriculture. 3.
Comparative Anatomy, 3.	Sewing.
Chemistry.	Shorthand and Typewriting.
Any elective opposite.	Instrumental Music.
	Industrial Art.

SUMMER TERM.

Anatomy and Physiology, 3.	Industrial Art.
Botany—Diseases of Plants, 2.	Shorthand and Typewriting.
Chemistry.	Instrumental Music.
Entomology, 3.	
Bacteriology, 2.	
Any elective opposite.	

SENIOR YEAR.

FALL TERM.

English Literature.	Quantitative Chemistry.
Meteorology.	Industrial Art.
Commercial Law, 3.	Shorthand and Typewriting.
Economics, 2.	Instrumental Music.
Any elective opposite.	Sewing.

SPRING TERM.

Psychology.	Industrial Art.
Constitutional Law, 3.	Shorthand and Typewriting.
Economics, 2.	Instrumental Music.
English Literature.	Sewing.
Any elective opposite.	Botany and Entomology.

SUMMER TERM.

Ethics.	Thesis.
English Literature.	
Constitutional Law, 3.	
Economics, 2.	

FULL COURSE IN MECHANIC ARTS.

FRESHMAN YEAR.

FALL TERM.

Elementary Algebra. English Composition. Physics. Military.	Free Hand Drawing, ½. Wood Work and the Elements of Construction, ½.

SPRING TERM.

Elementary Algebra. Rhetoric. Physics. Military.	Free Hand Drawing, ½. Wood Work and the Elements of Construction, ½.

SUMMER TERM.

Algebra. Rhetoric. Physics. Military.	Mechanical Drawing, ½. Wood Turning, ½.

SOPHOMORE YEAR.

FALL TERM.

Geometry. Introduction to Eng. Literature. Chemistry. Military.	Mechanical Drawing, ½. Pattern Making, ½.

SPRING TERM.

Geometry. General History. Chemistry. Military.	Mechanical Drawing, ½. Pattern Making, Molding and Casting, ½.

SUMMER TERM.

Geometry. General History. Chemistry. Military.	Mechanical Drawing, ½. Forging, ½.

JUNIOR YEAR.

FALL TERM.

Trigonometry and Surveying. Higher Mechanics, 4. Metallurgy, 3. Commercial Law, 3.	Descriptive Geometry, ½. Forging, ½.

SPRING TERM.

Spherical Trigonometry. Elements of Mechanism. Physics of Heat, 2. Constitutional Law, 3.	Descriptive Geometry, ½. Machine Shop Practice, ½.

SUMMER TERM.

Analytical Geometry. Constitutional Law, 3. The Steam Engine, 7 hours.	Machine Designing, ½. Machine Shop Practice, ½.

SENIOR YEAR.

FALL TERM.

Analytical Geometry, ½. Calculus, ½. Astronomy. Steam Boilers, 3. Economics, 2.	Machine Designing, ½. Machine Shop Practice, ½.

SPRING TERM.

Psychology. Calculus. The Steam Boiler, 3. Economics, 2.	Kinematics, ½. Mechanical Laboratory, ½.

SUMMER TERM.

Ethics. Analytical Mechanics. Economics, 2. Strains in Framed Structures, 3.	Thesis.

COURSE IN PHARMACY.

FIRST YEAR.

FALL TERM.

English Composition.	Chemistry.
Book-keeping.	Physics.

SPRING TERM.

Pharmaceutical Latin.	Chemistry.
Botany, 2.	Physics.

SUMMER TERM.

Physiology and Hygiene.	Materia Medica.
Botany, 3.	Chemistry.

SECOND YEAR.

FALL TERM.

Quantitative Chemistry.	Comparative Anatomy, 2.
Pharmacognosy.	Materia Medica, 3.
	Pharmacy.

SPRING TERM.

Comparative Anatomy, 3.	Materia Medica, and Medical Toxicology.
Medical Botany, 3.	Pharmacy.

SUMMER TERM.

Anatomy and Physiology.	Pharmacy.
Chemical Toxicology, and Drug Assaying.	Thesis.

SHORT COURSE IN PRACTICAL STEAM ENGINEERING.

SPRING TERM.

Arithmetic. English Grammar. Physics of the Steam Engine.	Shop Practice, ½. Mechanical Drawing, ½.

SUMMER TERM.

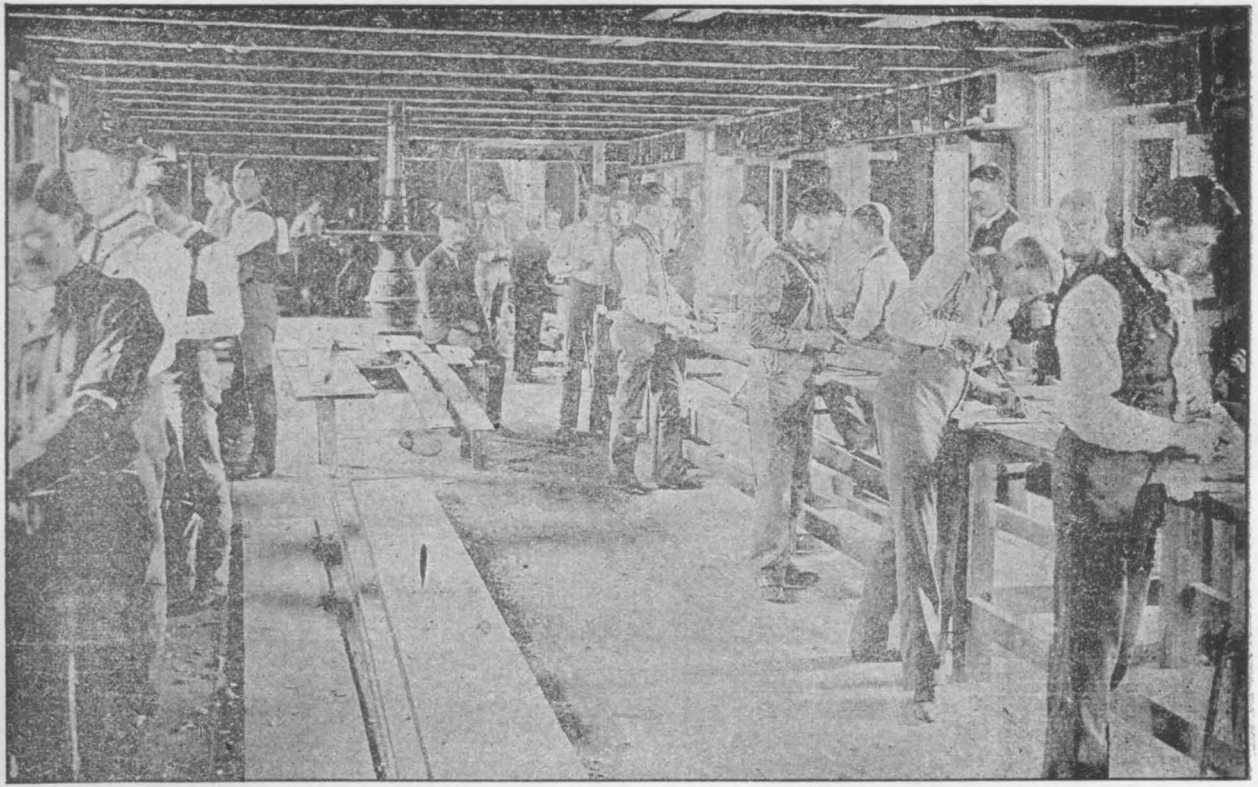
Penmanship and Book-keeping. English Composition. Steam Engineering.	Shop Practice, ½. Mechanical Drawing, ½. Steam Engine Practice.

SHORT WINTER COURSE IN AGRICULTURE.

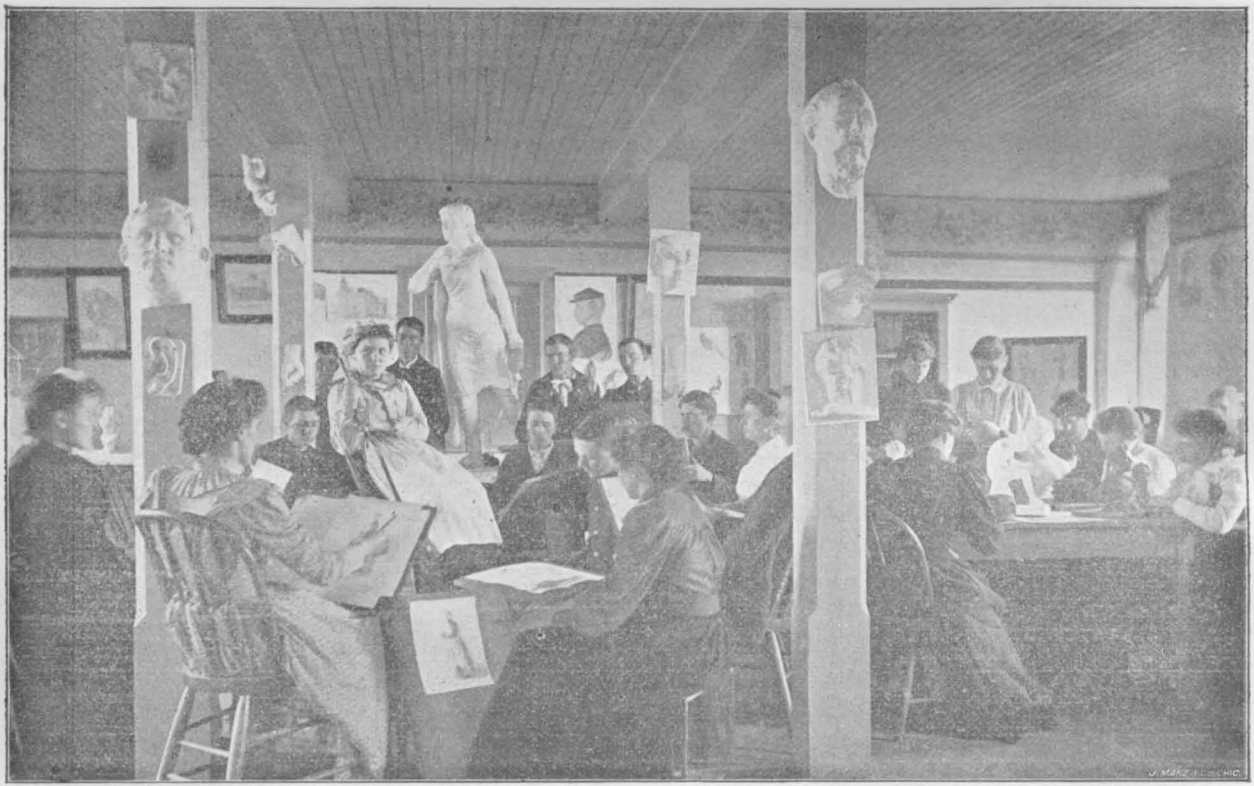
Tuesday, November 19, '95, to Friday, February 14, '96.

STUDIES.

Arithmetic and Book-keeping.....5 hours per week
English Composition.....3 hours per week
Dairying.....8 hours per week
Veterinary Surgery and Medicine.....5 hours per week
Gardening and Entomology.....5 hours per week
General Agriculture and Stock Breeding.....5 hours per week
Care and Repairing Farm Machinery.....3 hours per week



VIEW IN WOOD-WORKING SHOPS.



VIEW IN ART DEPARTMENT.

VIEW IN CULINARY DEPARTMENT.

PREPARATORY DEPARTMENT.

For the benefit of those who are not far enough advance in their studies to enter the college classes, a preparatory course of one year is offered. The classes are taught by members of the college faculty, and the course covers those studies which are necessary for admission to college, and which every young person should be acquainted with whether he wishes to take a college course or not. Any person fourteen years of age, who understands arithmetic through fractions, who has a fair knowledge of the elements of English grammar, who can read and write with facility, spell well, and who is reasonably well grounded in geography, can enter the Preparatory Department at the beginning of the year. Students entering later should be correspondingly further advanced. Students in this department are not required to take any of the industrial branches, and are not permitted to do so except in cases where their scholarship is so exceptionally good that it leaves time for additional work. Military training is required of all able-bodied male students, unless excused for sufficient cause. The following is the

COURSE OF STUDY.

FALL TERM.	SPRING TERM.	SUMMER TERM.
Arithmetic. English Grammar and Orthography. United States History. Penmanship, ½. Free Hand Drawing, ½. Military.	Arithmetic. English Grammar. Physical Geography. Elocution. Military.	Algebra. English Grammar. Physiology. Civil Government, 3. Military.

DAILY PROGRAMME: Fall Term.

	A. M.				P. M.			
Year	1st Hour	2nd Hour.	3rd Hour.	4th Hour.	1st Hour.	2nd Hour.	3rd Hour	4th Hour
Senior	Quant. Chem Adv. Hort. Steam Boilers 3 Indust. Art. Inst. Music Sewing.	Astronomy English Literature	Economics 2. Com. Law 3	An. Geom. and Calculus. Meteorology.	Vet. Medicine Machine Design & Shop Practice Quant. Chem. Laboratory. Short Hand and Typewriting	Mach. Design. & Shop Practice Quant. Chem. Laboratory.		
Junior	Trigonment'y and Surveying Eng. History.	Metallurgy 3 Phys. Bot. 3 Comp. An. 2	Com. Law. 3 Phys. Bot. 3 Comp. An. 2	H. Mech. 4. Chemistry	Des. Geom. and Forging Stock Feeding Short Hand and Typewriting Cooking Industrial Art Instru. Music.	Des. Geometry and Forging. Cooking Industrial Art. Instru. Music	Chemical Labaratory.	
S'ph'm'r and 2nd Year	Eng. Lit. Phys. Lab 2 Quant. Chem.	Geometry Phys. Lab 2 Mat. Medica 3 Comp. An. 2	Physics Pharmacog. 3 Comp. An. 2	Chemistry Household sanitation Pharmacog.	Mech. Draw and Pat. Making Quant. Chem. Labaratory Stock Feeding Physical Lab. 2	Mech. Draw and Pat. Making Vet. Medicine Quant. Chem. Laboratory Physical Lab. 2	Forging. Chemical Laboratory. Pharmacy.	
Fresh'n and 1st Year	Free Hand Drawing ½ El. Const. ½ B Keeping Topograph. Drawing	Eng. Comp. Arg. under Irrigation	Physics Sewing. Short Hand and Typewriting	Elementary Algebra. Chemistry	Shop Practice Free Hand Drawing ½. and Wood Shop ½.		Physical Laboratory. Domestic Dairying. Chemical Laboratory.	
Preparat'y	English Grammar	Free Hand Drawing ½ Penm'nship ½	Arithmetic	U. S. History.				

EXPLANATION OF COURSES.

GENERAL STATEMENT.

The Course in AGRICULTURE is designed for young men, and the Course in DOMESTIC ECONOMY is designed for young women. These courses are made up of the usual literary and scientific studies that lead in colleges to the Bacelor of Science degree. In addition, those pursuing the Course in AGRICULTURE must take three terms of study in Practical and Scientific Agriculture, two and two-fifths terms of study in Horticulture, Forestry and Landscape Gardening, one term and two-fifths in Veterinary Medicine and Surgery, one in Dairying, and one term of practice in the shop. In the first term of the Senior year students may choose Quantitative Chemistry, Veterinary Medicine or Advanced Horticulture. In the second and third terms of the Junior year there is an election between Veterinary Medicine and Dairying. In the second term of the Senior year there is a choice among Veterinary Medicine, Agricultural Chemistry, Advanced Botany and Advanced Entomology. Those pursuing the course in Domestic Economy, in addition to the college studies, practice sewing during the summer term of the Freshmen year; during two terms of the Sophomore year they study Household Economy, Sanitation and Cooking; during the summer term of the Junior year they are offered work in Floriculture. During each of the other terms of the course the student may choose one of the electives named in the second column of the tabular statement, in addition to the regular studies.

The course in Mechanic Arts is designed for those young men who have tastes and aptitudes for mechanical pursuits, and it is believed that those who complete it will be titted to fill responsible positions in manufacturing establishments. The "industrials" of this course are drawing and some form of shop practice. Those who finish any one of the foregoing cources will be entitled to the degree of B. S.

The two years' course in Pharmacy is designed to fit young men and women for the business of druggists. Those who complete it will be entitled to the degree of Ph. G. (Graduate in Pharmacy); and it is expected that the graduates from this course, after having the required practical experience in a drug store, will be able to pass the examinations of the

State Board of Pharmacy for license as registered pharmacists. This Board recently passed the following resolution:

"We beg to state that we have examined the course of study, and have inspected the apparatus and facilities of the State Agricultural College for prosecuting the study of pharmacy, and we most cheerfully commend the same to the favorable consideration of all persons who desire to engage in the study of pharmacy and accompanying sciences."

A two years' course covering most of the practical instruction in Agriculture, and a corresponding two years' course in Mechanic Arts, are offered now to those who are unable to spend a longer time in study. The work is so arranged that the student finishing one of these short courses can complete the full course in two additional years.

A course of a single year in Irrigation Engineering is also now offered to those desiring to fit themselves for practical irrigation in the artesian well regions of the State.

The short course in Practical Steam Engineering is for those young men who desire to prepare themselves to run and care for the threshing machine engine.

The short winter course in Practical Agriculture is for the accommodation of those young farmers who are busy on their own farms during the other seasons of the year.

LOCATION AND EQUIPMENT OF THE COLLEGE.

LOCATION.

The Agricultural College of South Dakota is located near the City of Brookings, Brookings county, in the east central part of the state, and in the midst of a fine agricultural regson. It is reached by the Chicago & North-Western railroad and by the Watertown branch of that road. The city of Brookings is a healthful and beautiful city. The moral and religious tone of its people is as good as can be found in the state.

EQUIPMENT.

Buildings.—The buildings are located upon a commanding eminence about one mile from the business part of the town, and are surrounded by beautiful and well kept lawns ornamented with trees and flower beds. The college buildings are as follows, to-wit: College Hall, containing the chemical, physical and zoological laboratories, a portion of the natural history collections, the offices and most of the class rooms; a building formerly used as a men's dormitory, the upper story of which is finished and equipped for the deportment of Mechanical Drawing and blue printing; the second story of which is arranged for the work in Botany and the botanical collections. The entire first floor of this building is now used for the reading room and library. The high and well lighted basement has been finished for the department of Industrial Art. The Armory and the office of the Military department are also in this building.

The Ladies' Dormitory, contains kitchen, dining room, laboratory of domestic economy, music rooms, a large and beautiful assembly hall on the first floor,. and large and pleasant rooms for young women on the second and third floors. All of these buildings are heated in all parts by steam and are supplied with water, bath rooms and closets. The laboratories in College Hall are also supplied with illuminating gas. The boilers for heating are in a disconnected, underground boiler room. A very tasty and convenient butlding has been provided and furnished for a horticultural laboratory and for class rooms, with plant propagating rooms and commodious green house attached. Besides these building, the following additional ones have provided: A shop twenty feet by eighty, with a wing twenty feet by sixty for wood and metal work, with a large and convenient addition to this building for blacksmithing and foundry work. The Veterinary department is supplied with a well equipped laboratory; and the department of Dairy Science has been provided with a large dairy build-

ing, supplied with the De Laval Power and Hand Separators, Boyd's Cream Ripening Vats and Starter, cheese vats and presses, churns and butter workers, and the most modern improved dairy appliances for instruction in the science and practice of all departments of dairying.

A small apiary and entomological laboratory and an astronomical observatory have been provided.

The farms and gardens of the college are supplied with commodious farm houses, barns, granaries, tool houses, sheds, etc., for the convenience of agricultural operations.

FARM, STOCK, ETC. The college owns a tract of four hundred acres of land, used for farm and garden purposes and for lawns and campus. Teams, machinery, tools, etc., in great variety and sufficient to carry on all kinds of farm work, have been provided. Many kinds of pure-bred, registered cattle, sheep and swine are kept to illustrate the virtues and differences of breeds.

The Dairy department is supplied with twenty-five registered cows, representing six of the most celebrated breeds.

SHOPS.—The workshops are supplied with a large variety and quantity of tools and machinery. The wood shop is furnished with multiple sets of carpenter tools and with eight ordinary wood turning lathes, a pattern-maker's lathe of twenty inch swing, a scroll saw, and complete set of tools for each. There is also a large variety of special tools for wood working purposes. The blacksmith shop is furnished with a power blower, with forges and the necessary tools; and the machine shop is furnished with lathes, a planner, drill press, a cupola furnace and a great variety of tools. A steam indicator and a fine large Russel Traction Engine, for use in the Practical Steam Engineering course, have recently been added to the equipment. The machinery of the shops is moved by a twenty-five horse power steam engine recently procured. Over five thousand dollars have been expended in furnishing the shops.

CHEMICAL LABORATORY.—The chemical laboratory, occupying the entire basement of the main building, is well equipped for extended courses in chemistry. Water, steam and gas have been provided and two thousand five hundred dollars' worth of chemicals and chemical apparatus has been supplied by means of United States' funds.

BOTANICAL AND ENTOMOLOGICAL LABORATORIES.—This department occupies the second floor of the old dormitory building. There is a general laboratory equipped with twenty two compound microscopes with oculars, objectives and other accecsories necessary for first-class work, microtomes, camera lucidas, stains, mounting media, dissecting microscopes, tables, and other general laboratory supplies; a small physiological laboratory and culture room with necessary apparatus; an herbarium room with a collection of nearly ten thousand specimens, representing the flora of the United States and that of the Dakotas and neighboring states in particu-

lar; a class room supplied with charts and other materials for illustrating studies and lectures. In addition to this an Insectary supplied with breeding cages, cases, spraying pumps, insecticides, etc., is provided for work in economic entomology. The insect collection is a representative one, and is particularly rich in beneficial and noxious species found in the state. All collections are open to use by students.

THE ZOOLOGICAL LABORATORY. The zoological laboratory is situated on the third floor of the main building. It is provided with water and gas, with ten compound microscopes, twenty dissecting microscopes, two microtomes, one Abbe camera lucida, acquaria, dissecting dishes, stains, reagents, and all other material used in zoological and morphological work. The laboratory also contains an incubating chamber, sterilizers, and the other apparatus used in bacteriological work. Eeither fresh or alcoholic specimens will be furnished all students taking laboratory work.

MUSEUM. The museum is situated on the third floor of the main building. The cases are filled with geological and zoological material. Besides rocks, minerals and fossils there is a large number of casts of extinct forms The zoological material consists of stuffed animals and prepared skins of birds and mammals which may be used in zoological work. During the past year a large number of marine forms have been added.

VETERINARY LABORATORY. The veterinary laboratory is well equipped with instruments and apparatus, skeletons of the horse, cow, sheep, hog etc. There is also an ever increasing collection of specimens and preparations, showing the pathological conditions of the parts. By the use of an operating table, the largest animals can be secured, and placed in comfortable positions while operations are being performed, thus causing the least possible pain to the animal. Students are required to assist in all operations.

SURVEYING AND METEOROLOGY. The mathematical department is equipped with a good engineer's transit, a Wye level, 20 inch telescope, a surveyor's compass, a solar compass, chain, steel tape, rods, etc., for all kinds of practical field work in surveying and engineering. A well exuipped meteorological station is maintained at the college.

ASTRONOMY. An observatory outfit consisting of a 5 inch equatorial telescope, a small meridian transit, a siderial clock and a chronograph has been recently secured.

DOMESTIC ECONOMY.—A large and well furnished kitchen and a dining room have been provided for the purpose of teaching the art of cooking and serving food. A pleasant and nicely furnished sewing room, equipped with four sewing machines and other furnitnre and conveniences, has been provided for the classes in sewing. A considerable sum has recently been expended for improving these rooms and adding to the equipment of the department.

TYPEWRITING.—This department is supplied with six typewriters and an Edison mimeograph. Several telegraph instruments have been purchased and are used for the purpose of instruction.

MUSICAL INSTRUMENTS.—Two pianos and two reed organs are owned by the college, and are used by the students for their lessons in music. A fine new piano has recently been provided by the Director of the School of music for use of students.

LIBRARY.—A library of more than three thousand well selected volumes, covering the English masterpieces in history, biography, philosophy, criticism, fiction, poetry, science, and the industries has recently been purchased and is being carefully catalogued so as to be of greatest use for study. The Experiment Station library is in the same room with the college library, and is rich in the latest and best scientific works of reference. In connection with the library there is a reading room provided with most of the prominent local papers of the state, as well as with the leading literary, scientific and technological periodicals of the United States and England.

LITERARY SOCIETIES.—Several literary and scientific societies have been established by the students and are managed by them. These societies meet once a week for literary and oratorical improvement. They are under the general supervision of the faculty, but in all the details of practical work their exercises are under the control of their own members. Recognizing their importance in connection with a course of study, all students are advised to become members of one of these societies.

GENERAL CIRCULAR OF INFORMATION.

CONDITIONS OF ADMISSION

Candidates for admission to the Freshman class must be at least fifteen years of age, of good character and industrious habits, and must furnish evidence of a good knowledge of reading, spelling, writing, arithmetic, grammar, geography, and elementary algebra through equations of the first degree. This evidence can be an examination or a certificate. Certificates from schools or teachers, approved by the faculty, will be taken in place of an examination. Candidates having no certificates will be examined before they are admitted to classes. Students can be admitted to the short course in Practical Engineering on the same conditions as to the Preparatory class. Any person can be admitted to the short Winter Agricultural Course who is prepared to pursue, with profit, the subjects therein treated.

Candidates for admission to advanced standing must sustain an examination in all the previous studies of the course, or bring satisfactory certificates instead.

Students are urged to enter at the beginning of the year, or at least at the beginning of a term; but they will be admitted at any time to such classes as they may be prepared for.

Students who are to board in the college clubs or room in the buildings, must settle all fees before they can be assigned to rooms or places at the dining tables.

The following is copied from a law enacted by the legislature of South Dakota of 1890: "Any pupils, residents in any town or city in which any of said institutions [the Agricultural College, the University, the Normal schools, and the School of Mines] are located, shall not be allowed to enter said institution for the purpose of pursuing the same studies which they may pursue in the regular course of study in the high schools of said town or city.

EXAMINATIONS, STANDING, ETC.

Term Examinations.—Written examinations are held in all classes at the close of each term. They are thorough and are counted important elements in determining the student's advadcement and standing.

Any student wishing a special examination in any study, after the first ten days of a term, must first obtain the consent of the faculty.

RECORD OF STANDING.—Each instructor keeps a record of class standing, based upon regularity in attendance and character of recitations. At the close of each term a summary is made, and the average of daily recitations and stated examinations is reported for entry upon the general record of the college on a scale of 100 as perfect, 70 being required to pass a subject. Any student, or the parent or guardian of any student, will be furnished with a copy of the entries relating to that student, on application to the president.

ABSENCES AND EXCUSES.—It is of the utmost importance, both in the formation of correct habits, and in the successful prosecution of college work, that students maintain regular attendance at recitations and other general exercises. No excuse for absence is regarded as valid except sickness or other unavoidable reason, and unexcused absences from recitations are entered as failures. All excuses for absences should be rendered to the president without delay. Any student who is absent from twenty per cent or more of a term's work in any study, will be required to take a special examination in that work in addition to the regular term examination. Two tardinesses will be accounted equivalent to an absence.

SPECIAL STUDENTS, not candidates for a degree, desiring to pursue a line of study in some particular science or art for which they are qualified, may be allowed the advantages of the College upon application to the faculty. Students are especially invited who desire instruction in dairying during any term of the year, or in the winter course.

GRADUATION.—Students completing satisfactorily either of the four year courses of studies will be entitled to graduation, and will receive the degree of Bachelor of Science (B. S.). Students completing the course in pharmacy are entitled to the degree Ph. G.

Graduates of this institution will be recommended by the faculty to the Regents of Education for the degree of Master of Science (M. S.) on the following conditions: Candidates shall pursue at this College a full year's work, equal to that of the Senior year. The studies for the year shall consist of one major, and one cognate minor study in the technical branches of any of the full courses, and one additional minor study chosen from among the elective studies of any of the courses with the following scale of values; fifty per cent for the major, thirty per cent for the cognate minor, and twenty per cent for the second minor.

EXPENSES.

TUITION FEES.—By action of the Regents of Education, in obedience to legislative enactment, each student resident of the state must pay a tuition fee of one dollar per term, and each student who is not a resident of the state must pay a tuition fee of three dollars per term. Each student is required to pay an incidental fee of two dollars per term, for the purpose

of defraying the expenses of caring for and supplying the class rooms with lights and other incidentals.

Students in instrumental music must pay in advance to the college secretary five dollars per term for instruction and use of instrument. Students in the chemical laboratory will be charged a small fee to cover the first cost of materials used.

Boarding and Room Rent. The young men's dormitory has been recently changed and will hereafter be used for lecture rooms, library and other purposes. Each lady student occupying a room in the ladies' dormitory must pay a fee of five dollars per term for fuel and lights. The rooms in this dormitory are furnished with bedsteeds and wire mattresses, tables, washstands and chairs. Bedding, metallic lamps and other articles needed or desired must be furnished by the students themselves. Any lady desiring to have a room reserved for her must deposit three dollars in advance as a forfeit. When she takes possession of her room, this sum will be put to her credit on her term bills.

Board. About sixty students can be supplied with table board at cost. Students rooming in the buildings, and to a limited extent, others are thus supplied with table board at a little less than two dollars per week. This boarding club in the Ladies' Dormitory affords an opportunity for a number of young women to earn seventy-five cents per week by service in the kitchen and dining room.

Before a student can be admitted to a seat in the dining hall the sum of ten dollars must be deposited with the steward. All bills for board must be paid monthly. This rule cannot be departed from.

Room and board in private families or at boarding houses in town can be had at from two and one half to three and one half dollars per week. By the organiization of clubs even less rates rates may be obtained.

Books. By special arrangements with publishers all books used in class instruction are furnished by the college at greatly reduced prices.

Summary.—By economy all necessary expenses, exclusive of clothing and travel, can be kept within one hundred and fifteen dollars, to-wit:

Items:	Board, say	$75
	Books, stationery and tuition	20
	Laundry and incidentals	20
	Total	$115

Ambitious and industrious students in many cases, are able to earn enough during vacation and on Saturdays to help materially to pay their way; but no student should come expecting to earn his expenses.

Students are advised to deposit their spare money for safe keeping in one of the city banks or in the college office.

LABOR.

The labor done by the students is of two kinds, educational and paid. All labor done in the shops, on the farm, in the garden, or laboratories for the sake of learning, is educational and is not paid for.

Students who wish to work for pay must register at the president's office at the beginning of the term, stating the number of hours they wish to work each day, and the time they wish to begin.

The usual hours are from 3 to 5 p. m. Students failing to report for work when called for will forfeit the priviledge of doing work. The regular rate of wages is ten cents per hour. The faculty reserves the right to limit the amount of work any student may do.

By the establishment of the Experiment Station in connection with the College, a large amount of remunerative labor is now available during the spring, summer and fall; and many industrious students are able to earn nearly enough to pay their board. No student, however, should come expecting this, or without money enough to buy his books, pay his term deposit and a month's board in advance. Many students are helping themselves by securing a detail to do janitor's work, to assist in the dining rooms and kitchens, to carry the mail, to observe the metoerological instruments, to attend to the milking, etc. These details are assigned only to regular students in the courses where the service belongs, and to those maintaining an average scholarship standing of eighty per cent. Only a limited number, however, and those the most trusty students and the most regular attendants, can secure such details.

By the present arrangement of the college calendar any bright and faithful young man or woman can work his way through college with the aid of what he can earn during term time, and with what he can earn teaching school during the long winter vacation.

EXPERIMENTATION.

In addition to the work of instruction done by the College, the farm, garden and laboratories are made the means of carrying on the work of an Agricultural Experiment Station. Such questions as What varieties of small grains are best adapted to our soil and climate? What kinds of corn are surest to ripen and still yield the largest crop? What kinds of grasses are best for meadows and what kinds are best for pasture? What new crops may be profitably cultivated? are being investigated by actual trial. The questions relating to dairying, to orchards, to small fruits, and to forest trees have been taken up in the experimental way.

In the chemical laboratories the analyses of native grasses, soils, mineral waters and earths, fertilizers, drugs, and foods are undertaken; while in the botanical and zoological laboratories the ravages of insects are studied and the best methods of defense against them sought.

The older students in the Agricultural course who are allowed to participate in this experimental work, find it of great interest and value to them, both educationally and practically.

Seven years ago the United States Agricultural Experiment Station for South Dakota was opened in connection with the College, and very full and numerous lines of experimentation have been entered upon. As fast as valuable results are reached in the work of experimentation, bulletins are printed and freely circulated throughout the state to any who may wish them. Forty-four bulletins have thus far been published.

The authorities of the college are desirous of co-operating with the farmers of the state for the promotion of agriculture, as well agricultural education. To this end farmers and all others are invited to correspond with members of the faculty upon any subject or question which may concern any agricultural interest.

The people of the state are cordially invited to visit the institution at any time.

FARMERS' INSTITUTES.

The session of the state legislature of 1891 authorized the Board of Trustees of the State Agricultural College to provide for holding Farmers' Institutes during the winter vacation in various parts of the state. Accordingly the trustees have directed the faculty of the College to provide programmes, and arrange for a series of five or more institutes during December, January and February of each year.

As no funds have been appropriated by the legislature, and as there are none at the disposal of the College for this purpose, all expenses must be met by the communities where institutes are desired. These expenses will cover the rent of rooms where the meetings are to be held, the lighting and heating, the printing of notices and programmes, and the necessary traveling expenses of those members of the College faculty whose services may be desired. During the past two winters, by the liberality of the North Western and the Milwaukee railroads, transportation was furnished institute lecturers, thus saving considerable expense to communities.

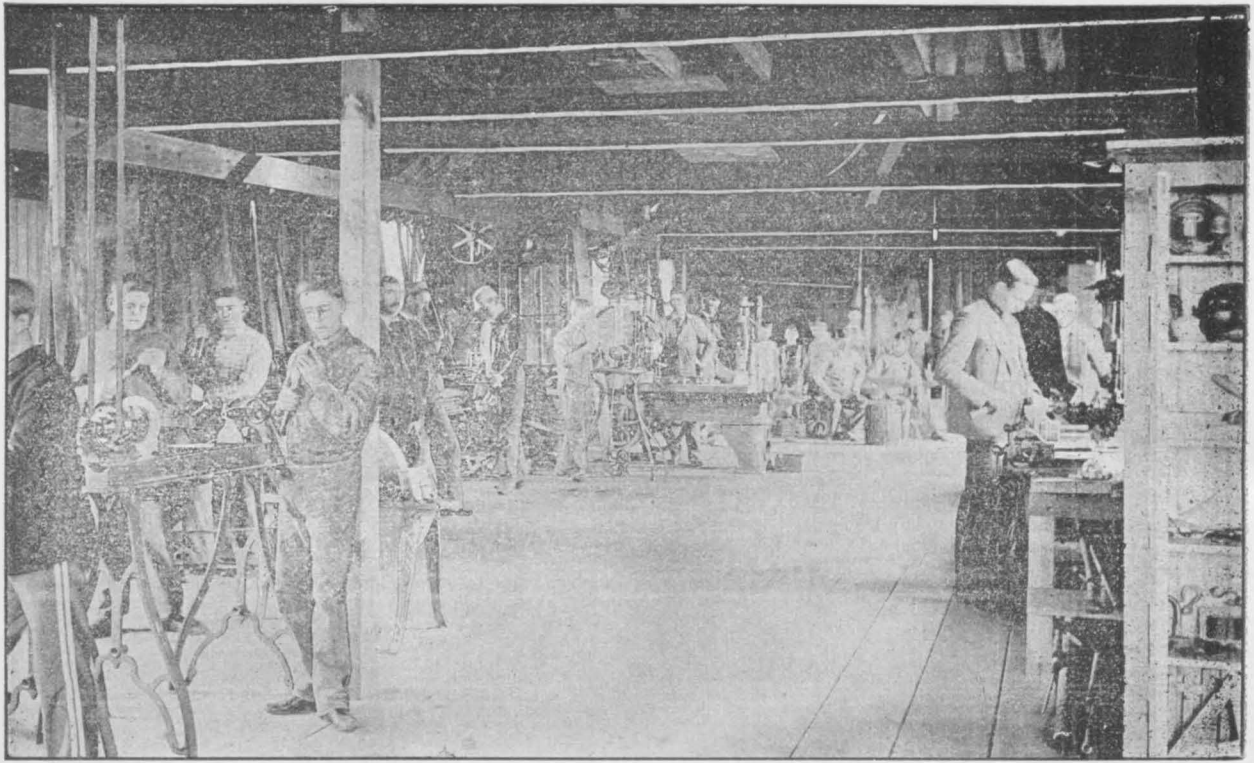
It is thought best to recommend that institutes be held in each case during two days and two evenings, the day programmes covering papers, address and discussions upon special agricultural subjects, and the evening being devoted to lectures and address of more general interest to all people. Local speakers and writers will be expected to assist in the exercises of the institutes.

If an institute is desired in any community, those interested are requested to write for such further information as may be needed.

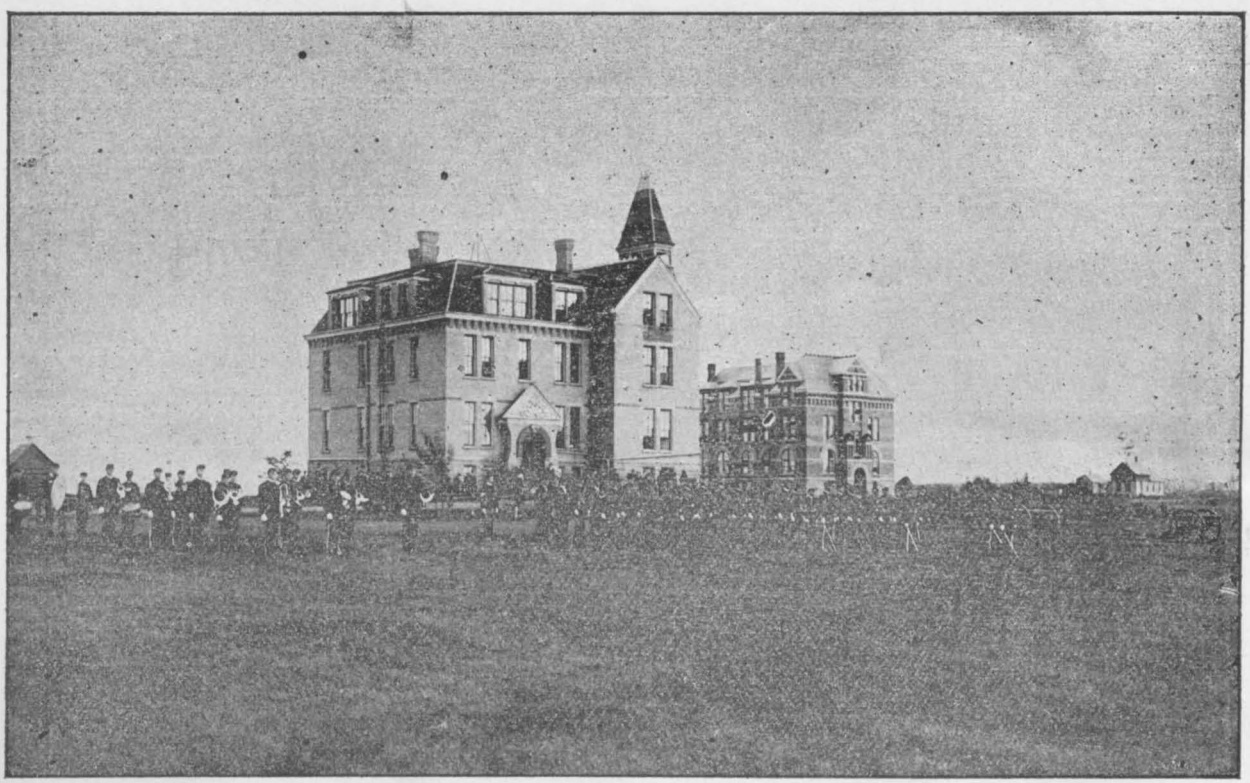
It is hoped that such arrangements can be made as to times and places of holding institutes as will reduce traveling expenses to the least sum.

Correspondence concerning Farmers' Institutes should be addressed to the president of the College at Brookings, S. D.

In previous winters very successful institutes have been held in different localities.



VIEW OF MACHINE SHOP.



CADET BATTALION.

COLLEGE HALL

LIBRARY AND LABORATORIES

GENERAL RULES AND REGULATIONS.

GOVERNMENT.

The rules of the college are few, and such only as good government demands. Appeals are made to the student's sense of propriety, honor and justice. The discipline of the College is intended to be strict, but reasonable and considerate. It is assumed that students come, not to spend their time in idleness, but to prepare for useful and honorable careers in life. The aim of the faculty is to aid them to cultivate habits of steady application, self control, a high sense of honor, truthfulness, and interest in maintaining the purity of the moral atmosphere of the institution. Students, whose influence, after a fair trial, is found to be injurious to scholarship, to morals, or good order, will be excused from the College. It should be distinctly understood that the College is for students capable of self control, not for those requiring constant restraint by parents or teachers.

The students of the institution have so far shown themselves almost without exception, earnest, industrious, courteous and well behaved young men and women.

RELIGIOUS EXERCISES.

Each day's session begins with appropriate exercises in the College chapel, consisting of music, Scripture reading and prayer. The College, being a state institution, is non sectarian, but as representing a Christian state, it recognizes the obligations of Christian education, and aims to promote religious and moral influences among the students. All are requested to attend chapel exercises, and on Sunday to attend divine service in some of the churches in the city.

A students' "Society of Christian Endeavor," maintains interesting Sunday afternoon meetings, which are a means of great good.

GENERAL CONDUCT.

The following are strictly forbidden:

1. The use of intoxicating liquors.
2. The frequenting of all loafing resorts.
3. The use of tobacco in any of its forms in or about the buildings.
4. All indecent language and behavior.
5. Card playing in or about the College buildings

ATTENDANCE.

1. Students are required to maintain regular attendance at recitations and other college exercises.

2. Excuses for absence from College exercises should be rendered without delay, young men to the President, and young women to the Preceptress.

3. Unexcused absences from recitations are counted as failures.

4. Students are not permitted to absent themselves from town during term time without permission from the President.

LITERARY SOCIETIES.

1. No literary society shall be organized by the students, except by consent of the faculty.

2. The constitutions of all the societies organized, and all subsequent amendments to the constitutions must be submitted to the faculty for approval.

LIBRARY AND READING ROOM.

1. The library will be open for readers at such hours as the faculty may prescribe. Conversation and all conduct that may divert attention or otherwise annoy are not allowed in the library or reading room.

2. The library is a reference library. The books are not to be drawn out, but consulted in the reading room.

3. Persons wishing to use the library will consult the librarian as to the method of getting, using and returning the books.

4. All special rules of the librarian are to be observed.

IN GENERAL.

When a student has once entered the college he is subject to all its laws until his connection is formally severed by graduation or otherwise.

The faculty reserves the right of determining by proper rules all the social relations of the young men and women, and of prescribing at what time and under what conditions they may meet for social purposes.

The faculty, under authority of the governing board, may modify, add to, or abolish any of these rules, as the good of the college may seem to require.

The Regents of Education, who have final control of all the state educational institutions have enacted the following rule:

"The President, Dean or Principal of each school or college shall have authority to suspend any student for violation of rules, or for misdemeanor and the faculty may make such suspension permanent by expelling such offending student from the institution, if in their judgment the interest of the institution demands it."

BROOKINGS SCHOOL OF MUSIC.

By action of the governing authorities of the State Agricultural College arrangements have been made to give all the instruction in music, both instrumental and vocal, that is offered by the Agricultural College. Instruction in the elements of vocal music is free to all students in the college, but a fee of five dollars per term will be charged, as heretofore, for instruction in piano or other instrumental music.

Pupils who desire to do so can give all their time to music; or they may take any of the College studies they are prepared for in addition to their musical studies. Regular students in the college, candidates for a degree in the course of Domestic Economy, can take eight terms of instruction in music and receive credit for them as part of their required work.

A regular graded course in music is also offered, extending through a period of two years, covering instruction in thorough bass, harmony and musical theory, auxiliary to and parallel with the continuous work in piano instruction. Those finishing this regular course will be certificated as graduates of the School of Music.

Chorus practice and voice culture will have prominent attention.

Students of the School of Music, who take studies in the college will be under College control and care, the same as other students.

The pianos and cabinet organs of the College and its music rooms will be used by pupils as heretofore. One new piano has lately been added to the outfit by Professor Willson, and others will be provided as needed.

LIST OF TEXT BOOKS USED.

Text-books and stationery are furnished by the college at greatly reduced rates. The text-books in use are as follows:

ENGLISH.

Grammar ..... Lockwood
English Composition ..... Lockwood
Elocution ..... Brown
Rhetoric ..... Genung
Rhetorical Analysis ..... Genung
English Literature ..... Selected Classics
Academic Dictionary, $1.25 ..... Webster

MATHEMATICS.

Arithmetic ..... Wentworth
Algebra ..... Wentworth
Geometry ..... Phillips
Trigonometry and Surveying ..... Wentworth
Analytical Geometry ..... Wentworth
Calculus ..... Peck
Mechanics ..... Peck

SCIENCE.

Mechanism ..... Wood & Stahl
Physics ..... Chute
Astronomy ..... Young
Chemistry ..... Shepard
Meteorology ..... Loomis
Quantitative Chemistry ..... Fresenius
Meteria Medica ..... Potter
Pharmacy ..... Remington's Practice
Metallurgy ..... Rickett's Notes
Zoology ..... Packard
Physiology ..... Martin, Walker
Elementary Botany ..... Spaulding
Botany, Advanced Course ..... Bessey
Manual of Botany, Revised Edition ..... Gray
Psychology ..... Welch
Pharmacognosy ..... Flueckiger
Moral Science ..... Hickock
Modern Dairy Practice ..... Woll
Cheddar Cheese Making ..... Decker
Organic Materia Medica ..... Nialsch
Agriculture ..... Storer
Domestic Animals ..... Curtis
Entomology ..... Comstock
Stock Breeding ..... Dr. Miles
Animal Feeding ..... Stewart
Landscape Gardening ..... Parsons
Forestry ..... Hough
Mechanical Drawing ..... Linus Faunce
Physical Geography ..... Houston
Shorthand ..... Graham, and Dement's Pitmantic
Book-Keeping ..... Ellis' Practice
Bacteriology ..... Novy

HISTORY AND POLITICAL SCIENCE.

United States History ..... Fisk
American History ..... Epochs of American History
English History ..... Gardiner
General History ..... Meyers
Political Economy ..... Ely
Political Science ..... Wilson, and Burgess

MUSIC.

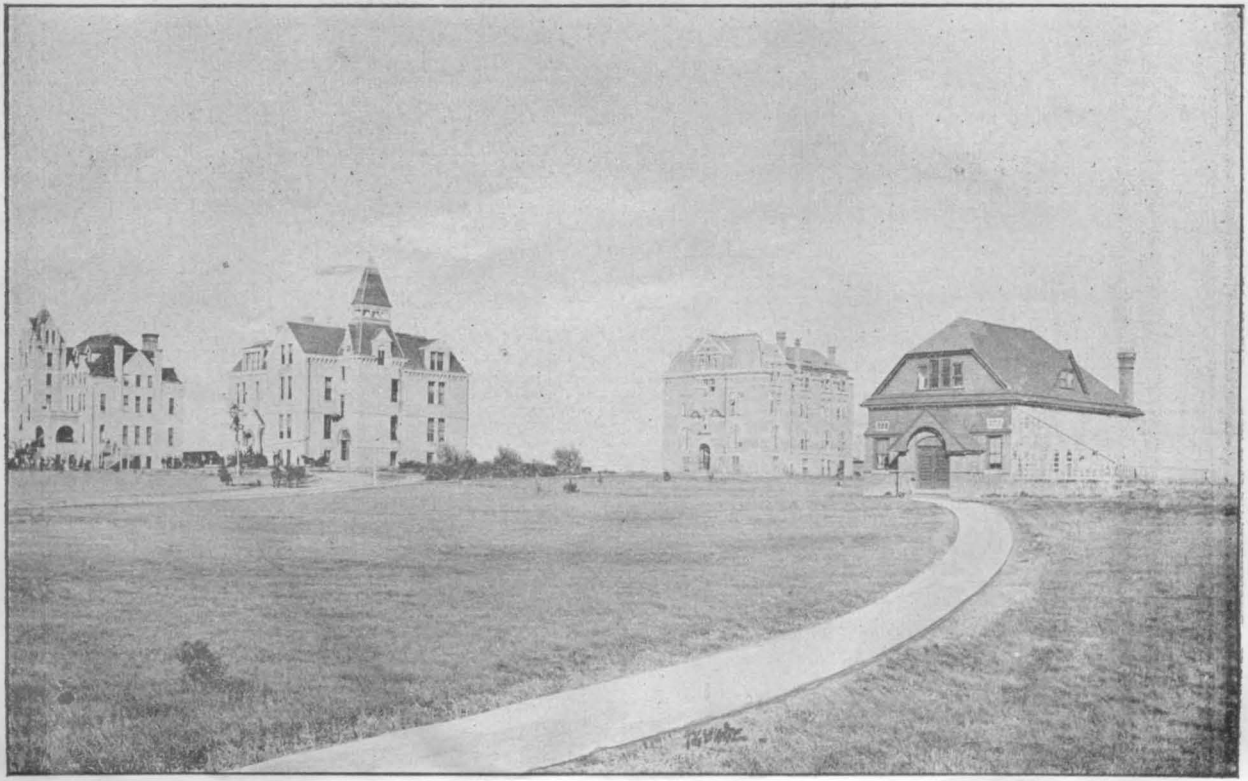
Kuehmers Etude .....
Elements of Harmony ..... Emery
Art of Singing ..... Lamperti

Steam Engineering 1892-93.
Short Winter Course 1893-94 offered

Total enrollment by years.

Years		College Dept	Graduate
'84-'85	67	17	0
'85-'86	252	89	1
86-'87	256	56	
87-'88	228 (1-188, 2-166, 3-120)	130	3
88-'89	244 (1-162, 2-163, 3-168)	129	17
89-'90	279 (1-169, 2-202, 3-206)	160	13
'90-'91	291 (1-173, 2-201, 3-214)	161	21
'91-'92	279 (1-190, 2-207, 3-215)	161	17
'92-'93	303 (1-205, 2-214, 3-114)	183	12
'93-'94	243 (1-129, 2-161, 3-171)	99	11
94-'95	221 269 (1-158, 2-163, 3-174)	97	10

Years	Total Enrollment	College Dept	Graduate
'95-'96	277	88	12
'96-'97	321	95-	20
'97-'98	400	155-	19
'98-'99	414	131	9
'99-'00	446 { 1- 250 2- 401 3- 262	232	18
'00-'01	508 { 1- 301 2- 447 3- 297	248	21



GENERAL VIEW OF COLLEGE BUILDINGS.

LADIES' DORMITORY. COLLEGE HALL. LABORATORY AND LIBRARY. HORTICULTURAL LABORATORY.