

# SOUTH DAKOTA STATE COLLEGE

## Summer Session Bulletin

1938

LINCOLN MEMORIAL LIBRARY  
South Dakota State College, Brookings, South Dakota

June 13  
to  
July 22

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no.3  
March  
1938  
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SOUTH DAKOTA STATE COLLEGE  
Culture and Mechanic Arts

BROOKINGS

S087.1  
Vol. 30  
No. 3  
c.2



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# Six Weeks' Session

June 13 to July 22  
1938

June 13, Monday

Summer Session opens.  
Registration Day.

June 14, Tuesday

Class work begins 7 a. m.

June 16, Thursday

Summer School Mixer.

June 23, Thursday

Summer School Picnic.

July 4, Monday

Legal Holiday (no school).

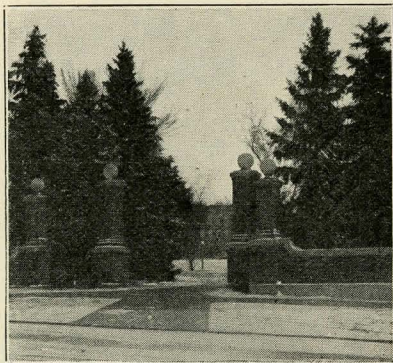
July 21, Thursday

Last Assembly of Summer Session.  
Graduation Exercises.

July 22, Friday

Summer Session closes.

South Dakota  
State College of Agriculture  
and Mechanic Arts  
Bulletin



*Gateway to the Campus*

Summer Session Issue  
1938

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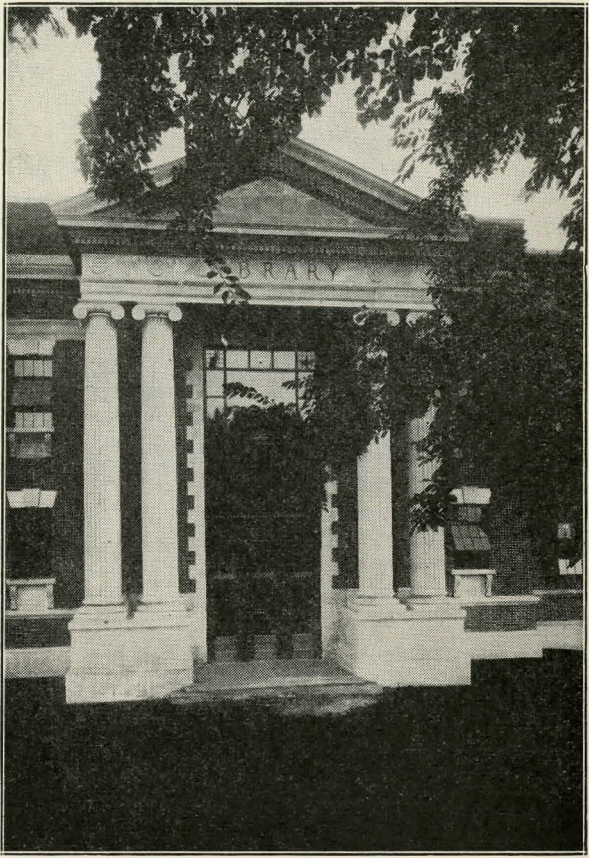
South Dakota State College of Agriculture  
and Mechanic Arts Bulletin

Published Quarterly by the South Dakota State College, Brookings, South Dakota. Entered as second class matter August 10, 1908, at the post office at Brookings, South Dakota, under Act of July 16, 1904.

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*Lincoln Memorial Library*

## Summer School Staff

- Charles W. Pugsley, B.S., D. Agr., President.  
Clinton R. Wiseman, Ph.D., Director of Summer School; Professor of Education.  
David B. Doner, B.S., Registrar.  
R. A. Larson, Secretary of the College.  
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Jack Barnes, B.S., Assistant Professor of Physical Education.  
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Henry Bloem, B.S., Instructor in Agricultural Engineering.  
John A. Bonell, Assistant Professor of Agricultural Engineering.  
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- Harris Dean Stallings, A.B., B.L.S., Librarian
- Vivian V. Volstorff, Ph.D., Instructor in History; Dean of Women.
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# General Information

The Summer Session of State College opens Monday, June 13, and continues for six weeks, closing July 22.

Courses are offered in the divisions of Agriculture, Engineering, Home Economics, General Science and Pharmacy. In the main the faculty of the Summer Session will include members of the regular faculty of the College.

Monday, June 13, is registration day. All students should register on this day and be ready for class work on the morning of Tuesday, June 14. Students should arrive in Brookings, Monday, June 13, in time to arrange for living quarters before school opens. The offices of the Director of the Summer School and of the Registrar will be open and ready to give needed assistance.

## ADMISSION

The requirements for admission to the Summer Session are the same as for other sessions of the year. Satisfaction of entrance credits means the completion of a standard high school course or its equivalent. A candidate for entrance to the freshman class of the College must present at least 15 units of entrance credit by certificate or examination or both. Others may be admitted as special students to courses they are qualified to pursue. Credit towards a degree will be given only to students who satisfy the entrance requirements.

## GRADUATE WORK

Many of the departments of the College offer work during the summer for graduate credit. In certain of the departments it is desirable that students plan to do at least some of their graduate work during the summer session. Those who are interested in graduate work should write to the Chairman of the Graduate Committee for regulations concerning entering upon and requirements of graduate work at State College. Write to the Director of the Summer Session regarding opportunities and conditions under which graduate work may be taken.

## CREDIT AND SCHEDULE

All scheduled courses carry college credit as indicated in connection with the courses. All courses are regular unless otherwise indicated in the course description. A regular course meets five times a week and carries three credits. Regular class work consists of five hours in class and ten hours in preparation per week for each three credit course. Three hours in the laboratory where no outside work is required count for one recitation and the accompanying preparation. The normal load for a student is three regular courses. This amounts to nine term credits for the six weeks' summer term. The summer session schedule is arranged for most of the regular lecture classes to come in the forenoon. The first classes start at 7 o'clock and most of the laboratory classes are scheduled for the afternoon. Mimeographed schedules will be ready by May 15.

## LIBRARY

The Lincoln Memorial Library is the center of Summer School activity. The office of the Director of the summer school is in the library building and some of the classes are held in this building.

The library contains approximately 59,000 volumes and 18,000 pamphlets (February, 1938), carefully selected and well catalogued with the view of facilitating instruction, research and stimulating general reading. The library receives currently 10 newspapers and about 400 journals and periodicals of both a technical and a general nature. The library also has the periodical and document indexes which make the long files of each very valuable in many fields of research.

The reference room is equipped with all of the standard works of reference. A trained library staff is at the service of all students and faculty members, to help them with their work. The library is open a total of 84 hours a week.

## ASSEMBLY AND RECREATION

Assembly of students and faculty members is held once a week during the Summer Session. These consist of interesting programs by outside speakers and entertainers, and by faculty members. Music arranged by the Music department of the College features the assemblies.



A social program is arranged for the summer session students with a mixer during the first week. Other social events are arranged. A summer school picnic is one of the enjoyable features of the session. A joint committee of faculty members and students has charge of the social program.

Organized recreation under the direction of the physical education department is provided. The College is well equipped for a good program of recreation for both men and women students. There are available to summer session students several good tennis courts, official horse shoe pitching courts, picnic grounds, a ball diamond and a good nine hole golf course. Many outside facilities for recreation are mentioned in another section. The city has a new municipal swimming pool. Another feature of the recreational program for men will be a golf tournament followed by a stag feed.

Each summer session, the College provides good outside lecturers or other entertainment. Each year special arrangements are made for education lectures and conferences by outside talent. A scientific trip to nearby points will be arranged, if there is a demand, with competent scientists in charge.

### FEEES

The regular tuition for the six weeks term of all summer schools at the state educational institutions as prescribed by the Regents of Education is \$15.00.

The tuition fee for students who are non-residents of the state is fifty per cent more than for resident students.

A library fee of \$1.00 and a student activity fee of \$1.00 are required for the six weeks Summer Session.

Small laboratory fees are charged for the courses requiring laboratory work. The fee is indicated in each case in connection with the description of the course. A late fee of \$2.00 will be collected from all students who complete their registration subsequent to the time announced for that purpose. A student's registration is completed when his card has been returned to the secretary's office and all fees have been paid.

## DORMITORIES FOR WOMEN

The dormitories for women are open during the Summer Session. Everything possible is done to make residence in the dormitories attractive to summer school students. Two pleasant living rooms and a large sunroom connecting the two women's dormitories afford attractive places for recreation, entertainment of guests and informal dancing. A completely equipped tea-room is available for entertaining small groups. An informal social program, centering around the dormitory regime, is planned for the summer sessions.

All rooms are large, well-ventilated and comfortably cool. Each room is provided with one or two closets and a stationary lavatory with hot and cold water, and is furnished with two single beds with mattresses, two straight chairs, a rocker, a study table, a dresser with mirror, a large rug and window shades. Each student should provide herself with a mattress pad, pillow, two pairs of pillow cases, three sheets, one pair of blankets, towels and curtains. The dormitory will rent pillows at 50 cents each for the six weeks session. A room in the dormitory will cost \$6.00 for the term, and board may be obtained near the campus at reasonable prices.

## BOARD AND ROOM FOR MEN

Men may obtain board at eating places near the campus at a cost of from \$4.00 to \$5.00 per week. Room may be obtained in private families at \$1.00 to \$1.50 a week and up for each student, if two persons occupy the same room.

## EXPENSE

At the present time the necessary expense of attendance for the six weeks summer session is approximately as follows:

Tuition* -----	\$15.00
Board and Room -----	35.00
Library Fee -----	1.00
Activity Fee -----	1.00
Books and Supplies (Estimate) --	8.00
Total -----	\$60.00

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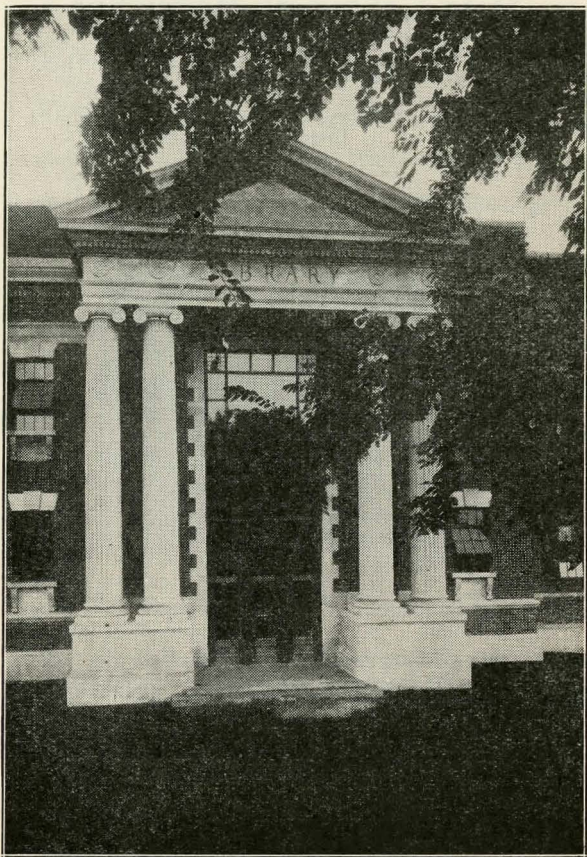
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ing as a whole. It includes the historical development of schools of nursing, their organization, educational objectives, the content of the educational program and the essentials for efficient operation. Required of all students with a major in nursing education. P, or parallel Educational Psychology. Five recitations a week. Three credits. Miss Given.

**92 Principles of Teaching in Schools of Nursing**—A course dealing with the general problem of teaching and supervision in schools of nursing. Emphasis is placed upon the application of the principles of education and teaching to the various groups in the curriculum. P, or parallel 81. Five recitations a week. Three credits. Miss Given.

**93 Principles of Teaching the Nursing Arts**—A study of the content and methods of teaching the Nursing Arts with emphasis on the determination of standards for evaluating nursing procedures. P, or parallel 81 and 92. Five recitations a week. Three credits. Miss Given.

#### PHYSICAL EDUCATION, MEN

Mr. Barnes, Mr. Arndt

**Athletic Coaching**—Open to men teachers or to college students planning to teach. Study of theory and practice by means of lectures, demonstrations and drills. Six periods a week. Three credits. Mr. Barnes.

**Tennis**—Two times a week.  $\frac{1}{2}$  credit.

**Golf**—Two times a week.  $\frac{1}{2}$  credit.

**Swimming**— $\frac{1}{2}$  credit.

#### PHYSICAL EDUCATION, Women

Assistant Professor Kendall

**1a Tennis**—Two times a week,  $\frac{1}{2}$  credit.

**1a Badminton**—Two times a week,  $\frac{1}{2}$  credit.

**20a Golf**—Two times a week,  $\frac{1}{2}$  credit.

**Swimming**— $\frac{1}{2}$  credit.

**40a Theory and Practice of Physical Education**—This work is a study of the theory and practice of the various games by means of lectures, practice, etc. Open to advanced students and teachers. Two times a week. One credit.

#### PHYSICS

Assistant Professor Reinhart

**20abc College Physics**—General topics in physics discussed with special emphasis upon subjects of

practical interest; offered to students in agriculture and general science courses. P, trigonometry recommended. Five recitations and six hours of laboratory work a week. Four credits. Laboratory fee, \$2.

**140 Heat**—Advanced heat theory, measurement of high temperatures, resistance and thermoelectric pyrometry, black body temperatures and radiation. Five recitations and six hours of laboratory work a week. P, 20b or 21b and Math. 25. Four credits. Laboratory fee, \$2.

**141 Sound**—An advanced course in sound for those specializing in physics. Prerequisite 20b or 21b and Math. 25. Five recitations and six hours of laboratory work per week. Four credits. Laboratory fee, \$2.

**142 Light**—Extension of work given in physics 20c or 21c, optical instruments, principles of color, optics of natural phenomena, and recent advances in field of light. P, 20c or 21c and Math. 25. Five recitations and six hours of laboratory work a week. Four credits. Laboratory fee, \$2.

NOTE: Of courses 20a, 20b, and 20c, the course enrolling the largest number of students will be given. Of courses 140, 141, and 142, the course enrolling the largest number of students will be given.

## POULTRY HUSBANDRY

Mr. Wilson

**201 Poultry- Research Problems**—For advanced undergraduate and graduate students desiring further studies and research either in poultry nutrition, management or marketing. A suitable problem for investigation may be assigned for work towards the Master's degree, thus affording an opportunity to obtain either a major or minor in some branch of Poultry Husbandry.

## PRINTING AND RURAL JOURNALISM

Professor Donelson, Mr. Hepner, Mr. Ryther, Mr. Harding,  
Mr. Hollen, Mr. Evenson, Mrs. Korstad

**16a Typewriting**—Keyboard practice; use and care of machines. Eight hours at machine required per week. One credit. Mrs. Korstad.

**18s Shorthand**—For beginning students. Gregg system. Ten recitations a week, five credits. Mrs. Korstad.

**19s Shorthand**—P, one year of shorthand; four recitations a week, two credits. Mrs. Korstad.

mission to register from the instructor. Five recitations a week. Three credits.

**141 Theory of Equations and Determinants**—A study of the theory of determinants, complex numbers, DeMoivre's Theorem, cubic and biquadratic equations, P, analytic geometry. Five recitations a week. Three credits.

NOTE: 1. Credit in courses 25 and 26 may be applied towards a graduate minor.  
2. Of courses 15 and 16, the one enrolling the larger number of students will be given.  
3. Of courses 25 and 26, the one enrolling the larger number of students will be given.

## MECHANICAL ENGINEERING

(See also Agricultural Engineering & Engineering Shop)  
Mr. Aldrich

**3ab Engineering (or Mechanical) Drawing**—Instruction and practice in the care and use of drawing instruments and in the conventional methods of representation in mechanical drawings. Application to geometrical problems and to simple machine parts. The applications may be adjusted to suit the interests of mechanical drawing teachers and industrial arts students. Open to all students who have had high school mathematics. One to three credits. Five hours of drawing room work a week for each credit.

**4abc Architectural Drawing**—Rendered drawings of simple buildings, examples of various orders, giving facility in draughtsmanship, familiarizing students with principles introduced in practical problems, exercises in composition and details. Open to all students who have had high school mathematics. One or two credits. Five hours of drawing room practice per week for each credit.

**5 Descriptive Geometry**—Instruction in methods of representing graphically all geometrical magnitudes, and solution of problems relating to these magnitudes in space. P, plane geometry. Ten hours per week in recitation and drawing work. Two credits.

**21 Technical Sketching**—Development of skill and technique in freehand drafting. Measuring, proportioning and simple rendering for various projection methods. Design and development applied to machine elements, movements, wood and metal exercises, conventionals, ideas, etc. Open to all students who have had high school mathematics. One or two cred-

its. Five hours of drawing room practice per week for each credit.

Note: Attempt will be made to adapt the drawing and sketching to the needs of the individual.

## MUSIC

Professor Christensen, Associate Professor Peterson, Assistant Professor Kohler

Opportunity to study piano, pipe-organ, voice, wind or stringed instruments is offered. Individual instruction is also given in sight reading and ear training, choral technique and interpretation, conducting (Band, Orchestra, or Choral), orchestration and harmony.

A resolution of the Regents adopted March 19, 1933, provided "that no students be permitted to take music at State College unless at the same time they take an equal number of hours in some other unrelated subject." All members of the music staff are free to give individual lessons.

### Fees for the Term

One individual lesson per week ----\$ 6

Two individual lessons per week --- 12

## PHARMACY

Assistant Professor LeBlanc

**143a Toxicology**—A systematic physiological and chemical study of the more common poisons, together with nature, effects, and antidotes for same. Lectures will also be given concerning the medico-legal aspect. P, first and second year pharmacy courses. Text and references: Autentrieth's Detection of Poison; Holland's Toxicology; Sollman's Manual of Pharmacy; Howell's Physiology; Potter's Therapeutics and Materia Medica; Journal of Experimental Medicine. Two recitations and six hours of laboratory work a week. Four credits. Laboratory fee, \$3; deposit, \$3.

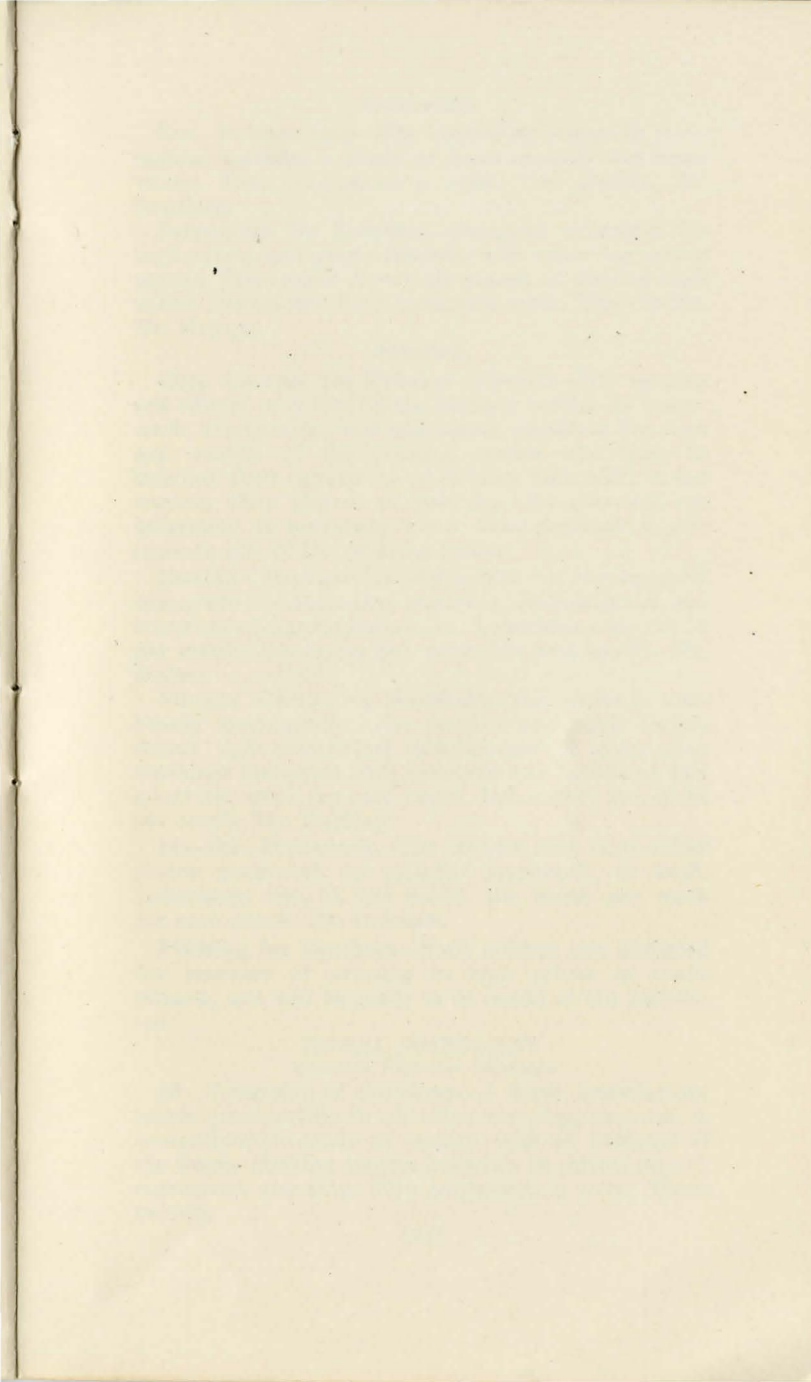
**143b Toxicology**—As described in the general catalog this course will be offered during the session of 1938.

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## NURSING EDUCATION

Professor Given

**81 Nursing Education**—A survey course introducing the student to the work of the school of nurs-







## Journalism

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## RURAL SOCIOLOGY

Associate Professor Johansen

**20 Principles of Sociology**—A basic introductory course prerequisite to all other sociology courses. A comprehensive study of society, with an analysis of the forces shaping human behavior in group life. P, sophomore standing. Five recitations a week. Three credits.

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## SPEECH

Professor McCarty

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**141 Theory of Equations and Determinants**—A study of the theory of determinants, complex numbers, DeMoivre's Theorem, cubic and biquadratic equations. P, analytic geometry. Five recitations a week. Three credits.

NOTE: 1. Credit in courses 25 and 26 may be applied towards a graduate minor.  
2. Of courses 15 and 16, the one enrolling the larger number of students will be given.  
3. Of courses 25 and 26, the one enrolling the larger number of students will be given.

## MECHANICAL ENGINEERING

(See also Agricultural Engineering & Engineering Shop)  
Mr. Aldrich

**3ab Engineering (or Mechanical) Drawing**—Instruction and practice in the care and use of drawing instruments and in the conventional methods of representation in mechanical drawings. Application to geometrical problems and to simple machine parts. The applications may be adjusted to suit the interests of mechanical drawing teachers and industrial arts students. Open to all students who have had high school mathematics. One to three credits. Five hours of drawing room work a week for each credit.

**4abc Architectural Drawing**—Rendered drawings of simple buildings, examples of various orders, giving facility in draughtsmanship, familiarizing students with principles introduced in practical problems, exercises in composition and details. Open to all students who have had high school mathematics. One or two credits. Five hours of drawing room practice per week for each credit.

**5 Descriptive Geometry**—Instruction in methods of representing graphically all geometrical magnitudes, and solution of problems relating to these magnitudes in space. P, plane geometry. Ten hours per week in recitation and drawing work. Two credits.

**21 Technical Sketching**—Development of skill and technique in freehand drafting. Measuring, proportioning and simple rendering for various projection methods. Design and development applied to machine elements, movements, wood and metal exercises, conventionals, ideas, etc. Open to all students who have had high school mathematics. One or two cred-

its. Five hours of drawing room practice per week for each credit.

Note: Attempt will be made to adapt the drawing and sketching to the needs of the individual.

### MUSIC

Professor Christensen, Associate Professor Peterson, Assistant Professor Kohler

Opportunity to study piano, pipe-organ, voice, wind or stringed instruments is offered. Individual instruction is also given in sight reading and ear training, choral technique and interpretation, conducting (Band, Orchestra, or Choral), orchestration and harmony.

A resolution of the Regents adopted March 19, 1933, provided "that no students be permitted to take music at State College unless at the same time they take an equal number of hours in some other unrelated subject." All members of the music staff are free to give individual lessons.

#### Fees for the Term

One individual lesson per week ----\$ 6

Two individual lessons per week --- 12

### PHARMACY

Assistant Professor LeBlanc

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Professor Given

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ing as a whole. It includes the historical development of schools of nursing, their organization, educational objectives, the content of the educational program and the essentials for efficient operation. Required of all students with a major in nursing education. P, or parallel Educational Psychology. Five recitations a week. Three credits. Miss Given.

**92 Principles of Teaching in Schools of Nursing**—A course dealing with the general problem of teaching and supervision in schools of nursing. Emphasis is placed upon the application of the principles of education and teaching to the various groups in the curriculum. P, or parallel 81. Five recitations a week. Three credits. Miss Given.

**93 Principles of Teaching the Nursing Arts**—A study of the content and methods of teaching the Nursing Arts with emphasis on the determination of standards for evaluating nursing procedures. P, or parallel 81 and 92. Five recitations a week. Three credits. Miss Given.

#### PHYSICAL EDUCATION, MEN

Mr. Barnes, Mr. Arndt

**Athletic Coaching**—Open to men teachers or to college students planning to teach. Study of theory and practice by means of lectures, demonstrations and drills. Six periods a week. Three credits. Mr. Barnes.

**Tennis**—Two times a week.  $\frac{1}{2}$  credit.

**Golf**—Two times a week.  $\frac{1}{2}$  credit.

**Swimming**— $\frac{1}{2}$  credit.

#### PHYSICAL EDUCATION, Women

Assistant Professor Kendall

**1a Tennis**—Two times a week,  $\frac{1}{2}$  credit.

**1a Badminton**—Two times a week,  $\frac{1}{2}$  credit.

**20a Golf**—Two times a week,  $\frac{1}{2}$  credit.

**Swimming**— $\frac{1}{2}$  credit.

**40a Theory and Practice of Physical Education**—This work is a study of the theory and practice of the various games by means of lectures, practice, etc. Open to advanced students and teachers. Two times a week. One credit.

#### PHYSICS

Assistant Professor Reinhart

**20abc College Physics**—General topics in physics discussed with special emphasis upon subjects of

practical interest; offered to students in agriculture and general science courses. P, trigonometry recommended. Five recitations and six hours of laboratory work a week. Four credits. Laboratory fee, \$2.

**140 Heat**—Advanced heat theory, measurement of high temperatures, resistance and thermoelectric pyrometry, black body temperatures and radiation. Five recitations and six hours of laboratory work a week. P, 20b or 21b and Math. 25. Four credits. Laboratory fee, \$2.

**141 Sound**—An advanced course in sound for those specializing in physics. Prerequisite 20b or 21b and Math. 25. Five recitations and six hours of laboratory work per week. Four credits. Laboratory fee, \$2.

**142 Light**—Extension of work given in physics 20c or 21c, optical instruments, principles of color, optics of natural phenomena, and recent advances in field of light. P, 20c or 21c and Math. 25. Five recitations and six hours of laboratory work a week. Four credits. Laboratory fee, \$2.

NOTE: Of courses 20a, 20b, and 20c, the course enrolling the largest number of students will be given. Of courses 140, 141, and 142, the course enrolling the largest number of students will be given.

## POULTRY HUSBANDRY

Mr. Wilson

**201 Poultry Research Problems**—For advanced undergraduate and graduate students desiring further studies and research either in poultry nutrition, management or marketing. A suitable problem for investigation may be assigned for work towards the Master's degree, thus affording an opportunity to obtain either a major or minor in some branch of Poultry Husbandry.

## PRINTING AND RURAL JOURNALISM

Professor Donelson, Mr. Hepner, Mr. Ryther, Mr. Harding,  
Mr. Hollen, Mr. Evenson, Mrs. Korstad

**16a Typewriting**—Keyboard practice; use and care of machines. Eight hours at machine required per week. One credit. Mrs. Korstad.

**18s Shorthand**—For beginning students. Gregg system. Ten recitations a week, five credits. Mrs. Korstad.

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