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Agriculture and Mechanics



The Handmaids of Progress and Prosperity.

Catalogue, 1897-'98

Agricultural Mechanical

... College ...

For the Colored Race,

GREENSBORO, N. C.

C378
A3H

Fourth Annual Catalogue

of the



Agricultural and
Mechanical College

for the

....Colored Race....

GREENSBORO, N. C.

1897-'98.

GREENSBORO, N. C.:

REECE & ELAM, POWER BOOK AND JOB PRINTERS.

1898

Calendar--'98-9.

SEPT. 29-30th. Examinations.
OCT. 1st. Registration.
OCT. 3rd. Fall term begins.
DEC. 23rd. Term ends.
JAN. 3rd. Winter term begins.
MARCH 17th. Winter term ends.
MARCH 20th. Spring term begins.
MAY 21st. Baccalaureate sermon.
MAY 25th. Commencement.

Holidays.

Thanksgiving,
Arbor Day,
Lincoln's Birthday,
Washington's Birthday.

Board of Trustees:

| | | |
|------------------|--------------------|-----------------|
| 1st Cong. Dist., | HUGH CALE, | Elizabeth City. |
| 2nd Cong. Dist., | W. W. LONG, | Littleton. |
| 3rd Cong. Dist., | H. C. TYSON, | Carthage. |
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| JAS. B. DUDLEY | SECRETARY, | Greensboro, N. C. |
| R. W. MURRAY | TREASURER, | Greensboro, N. C. |

Faculty and Officers :

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PROFESSOR OF HISTORY AND CIVICS.

ORLO EPPS,
Cornell University, New York,
PROFESSOR OF MECHANICS, DRAWING AND PHYSICS.
Present position since the opening of the College in 1894.

A. T. STEVENS, B. S.,
Michigan Agricultural College.
PROFESSOR OF AGRICULTURE AND CHEMISTRY.
Present position since 1895.

CHAS. H. MOORE, A. B.,
Amherst, Mass.
PROFESSOR OF ENGLISH.

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Plymouth State Normal 1891; A. M., Livingstone College 1896; Assistant Principal
State Normal School, Elizabeth City, N. C. 1892-'3; Principal Normal
and Industrial Institute, Elizabeth City, N. C. 1893-'5.
Present position since 1895.

ASSISTANT PROFESSOR OF ENGLISH. SECRETARY OF FACULTY.

JESSE HASKELL BOURNE, B. S.,
Massachusetts Institute of Technology 1893; Assistant in Mechanical Engineering
Massachusetts Institute of Technology 1895-'7.
ASSISTANT PROFESSOR OF MECHANICS AND MATHEMATICS.

CHAS. H. EVANS,
Hampton Normal and Industrial School.
INSTRUCTOR IN JOINERY AND WOOD TURNING.

J. E. KENNEDAY,
Hampton.
INSTRUCTOR IN BLACKSMITHING.

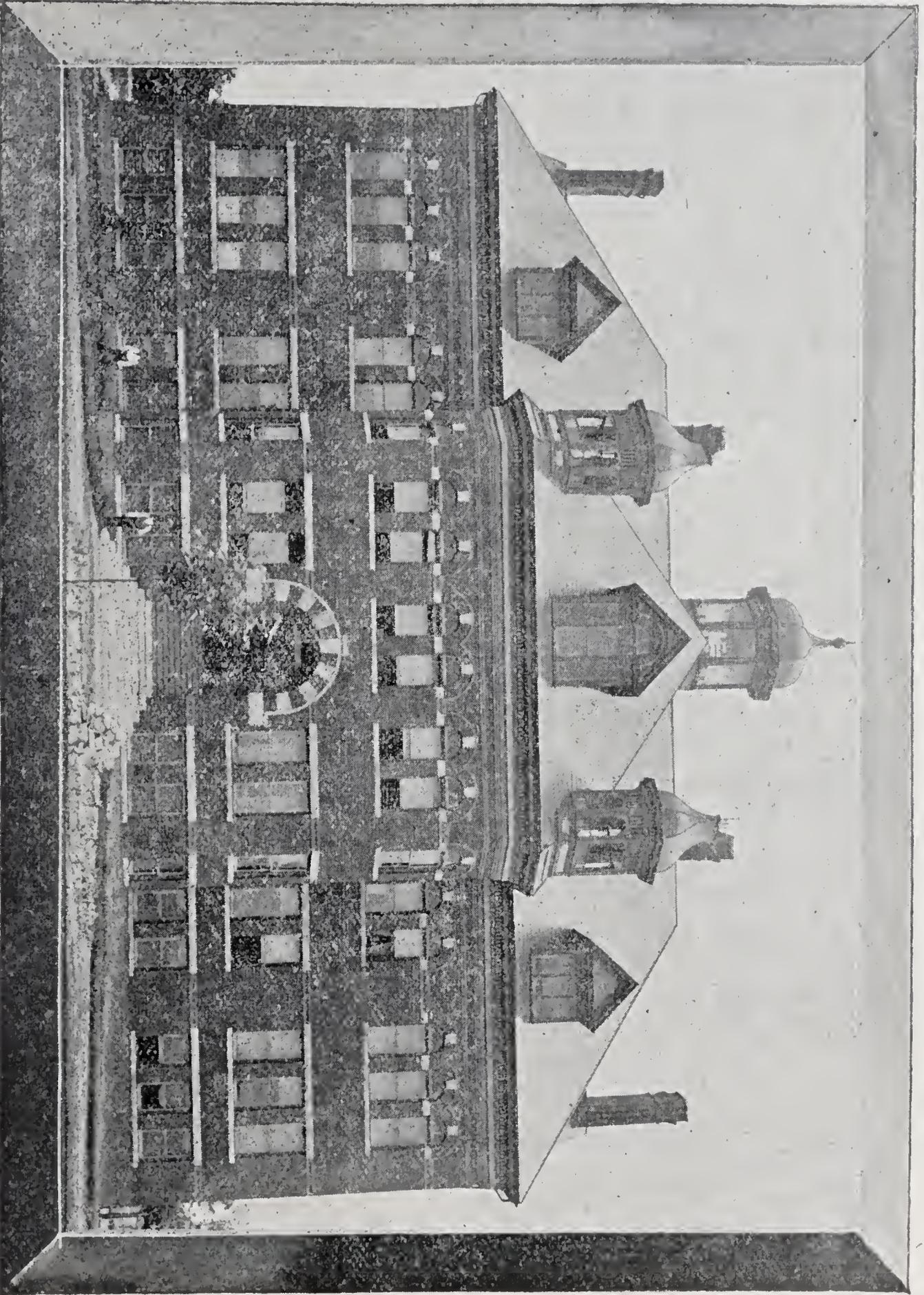
MISS S. M. PARKER,
St. Augustine, Raleigh, N. C.
DOMESTIC SCIENCE.

R. W. RICHARDSON,
INSTRUCTOR IN MUSIC.

H. H. FALKENER, B. S., A. M.,
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MATRON.

JUNIUS ROOKS,
STEWARD AND FOREMAN OF FARM,



MAIN BUILDING



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—THE—
Agricultural and Mechanical College
—FOR THE—
COLORED RACE.
—————

This College was established by an Act of the General Assembly of North Carolina ratified March 9th, A. D. 1891. The leading object of the institution is declared by the Act to be instruction in practical agriculture, the mechanic arts, and such branches of learning as relate thereto.

The management and control of the College and the care and preservation of all its property is vested in a Board of Trustees, consisting of nine members, one from each Congressional District, who are elected by the General Assembly for a term of six years.

The Trustees by the Act of the Legislature have power to prescribe rules for the management and preservation of good order and morals at the College ; to elect the President, instructors and as many other officers and servants as they shall deem necessary ; have charge of the disbursement of the funds, and have general and entire supervision of the establishment and maintenance of the College.

The Board is empowered to receive any donation of property, real or personal, which may be made to the College, and have power to receive from the United States the proportion of funds given to the institutions for agricultural and mechanical training.

The financial support of the College for the payment of salaries and purchase of apparatus and equipment is derived for the most part from the United States, under an act of Congress, known as the "Morill Act," passed August 20th, 1890. This act makes an annual appropriation for each State and Territory for the endowment and support of colleges for the benefit of agriculture and the mechanic arts, to be applied "only to 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 of such instruction."

The citizens of Greensboro donated 25 acres of land and \$8,000 to be used in construction of buildings. In 1893 this was supplemented by an appropriation of \$10,000 by the General Assembly. The main building, one of the finest school edifices in North Carolina, was completed in 1893, and the school opened in the fall of that year. A large

dormitory which cost \$6,000, a complete laundry and a green house have been added.

In the summer of 1895 the Mechanical Building, a large two-story brick structure 88x119 feet, was erected at a cost of about \$9,000. This building by the expenditure of about \$7,000 has been supplied with probably the finest and most modern equipments of any school in the State.

A model barn, dairy, silo and live stock have been added the present season.

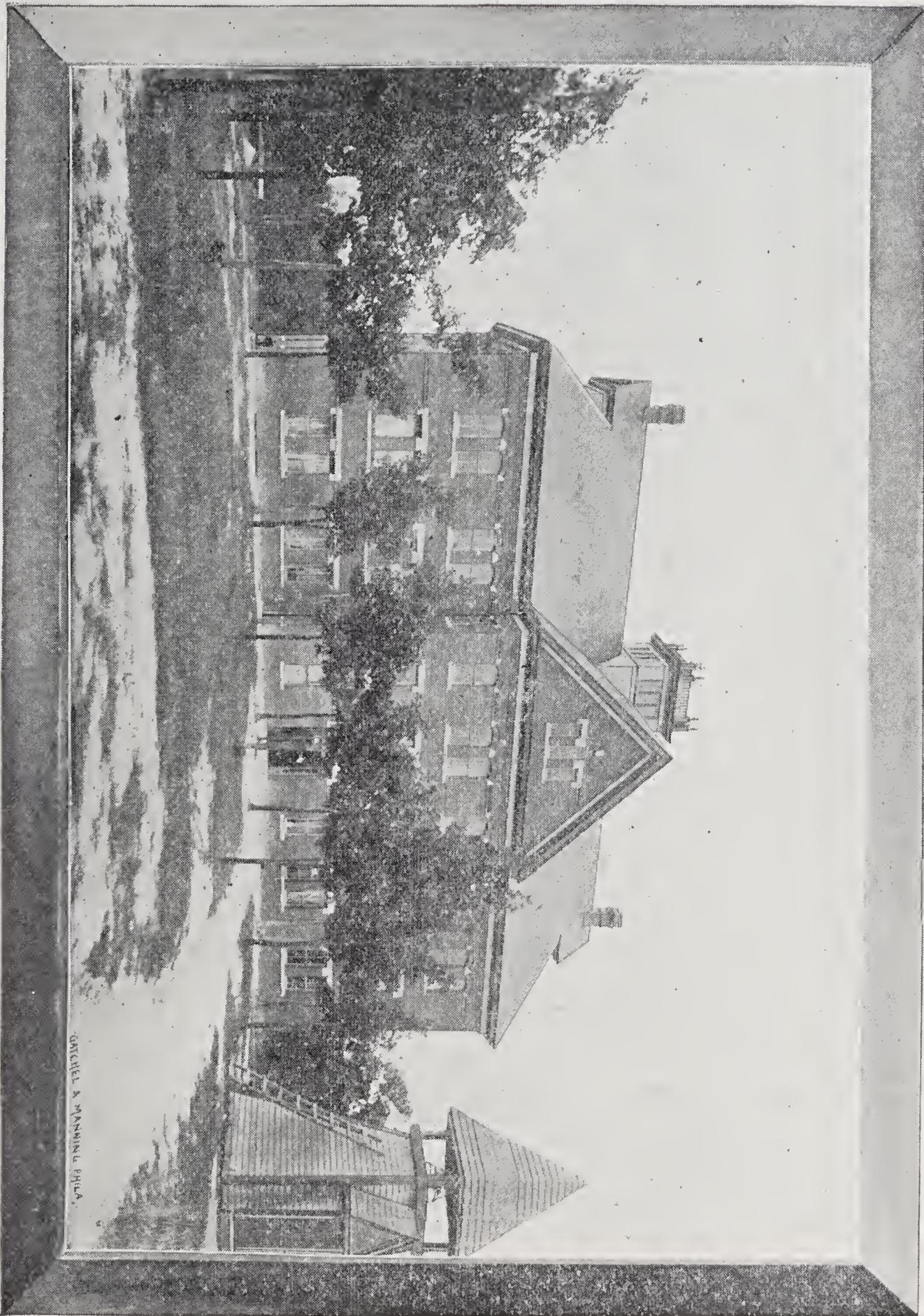
Girls are admitted to the College on the same terms as "pay students." In addition to the excellent facilities offered for acquiring a good English education the young women under competent instructors are taught sewing, cooking and laundry work. The well-arranged laundry, spacious sewing-rooms, model kitchen and dining room are some of the facilities afforded for practical instruction in those branches of domestic science.

The Trustees invite the careful consideration of the colored people of North Carolina, particularly the educators among them, and leaders of thought, to the grand opportunities offered by the State and aided by the United States, to the colored youth to thoroughly equip themselves for the battle of life and prepare themselves to successfully work their way as "bread winners," and secure honorable independence, carrying with it the highest type of American citizenship. Brain and hands are here educated together.

Fully eighty per cent. of the colored people in this State live in the country, and subsist on agriculture. The future of the colored race in the South depends upon the ownership of farm lands and their intelligent and skillful treatment by colored farmers. This field will be free from competition and race feeling. Owners of large tracts of land now yielding nothing will be only too glad to rent them to the skilled farmer who graduates from an agricultural college, and also provide him with stock and implements of husbandry.

The young man who leaves this College, with honor, a good character and a well trained mind; who is familiar with science and art relating to his calling in agriculture, mechanics, or any of the trades, will not be compelled to canvass the country seeking employment. Capital will be looking for him to place him in charge of lands and stock, to handle machinery and direct unskilled labor. Where ever skilled labor is found among producers, turning the wheels of industry that increase the wealth of the world, there will be found graduates of the Agricultural and Mechanical College.

North Carolina is an agricultural state. Her manufacturing interests



GATCHEL & MANNING PHILA.

NORTH DORMITORY.

are increasing in a wonderful manner : her mineral resources are great, and the future of wealth lies in the hands of the men who will guide her plow, care for her live stock, economically use her forests, drive her machinery, harness up her water powers and manufacture her iron and other products. The men who can do this *best* will be those who will qualify themselves for the work by a course in the Agricultural and Mechanical College.

There can be no rivalry between this College and other institutions of learning for the colored race in North Carolina. The paths to be pursued lead in different directions.

The Agricultural and Mechanical College for the Colored Race is unsectarian, and is under the control of no particular denomination. Religious and moral training will receive the closest attention, and students will be required to attend churches of which they are members. Ministers of all denominations are invited to interest themselves in the religious welfare of the College.

The College, broad in its purposes, practical in its work, elevating in its influences, is intended to assist and strengthen the colored people in *all* their efforts for industrial and intellectual advancement. As such its peculiar mission must commend it to the intelligent colored men and women of the State, from whom the Trustees and Faculty confidently expect such sympathy and support as will enable them to make the College of inestimable value to the people for whom it was instituted as well as the government by which it is fostered.

Courses of Study.

FRESHMAN YEAR.

| | FALL. | WINTER. | SPRING. |
|--------------------------------|-------|---------|---------|
| Algebra | 5 | 5 | 5 |
| English | 5 | 5 | 5 |
| Physiology | 5 | 3 | |
| History | 2 | 2 | 2 |
| Farm Work | 3 | | |
| Shop Work | 3 | 3 | 3 |
| Agriculture | | 5 | |
| Free Hand Drawing | | 2 | 2 |
| Botany and Chemistry | | | 5 |

Sophomore Year.

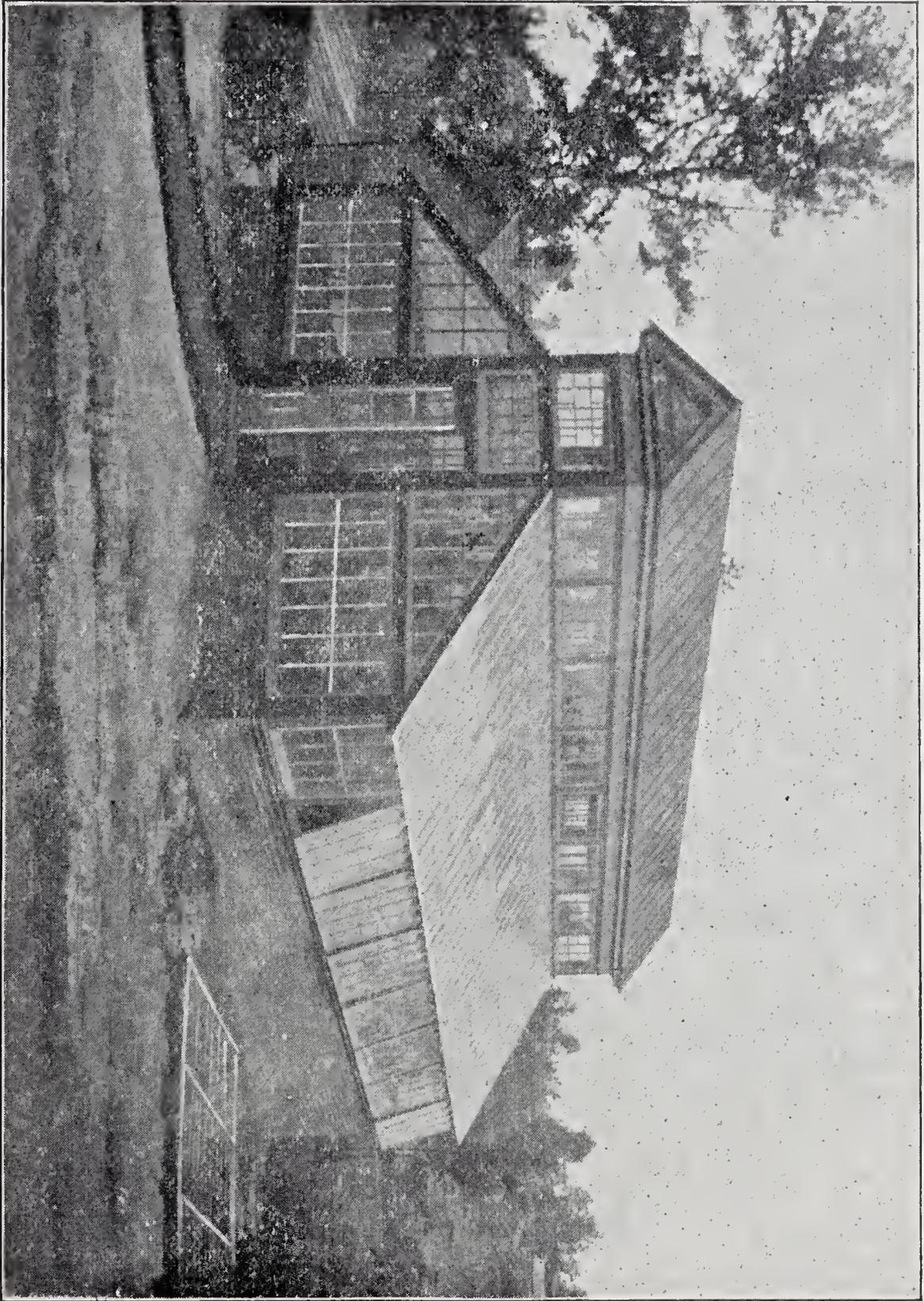
FOR AGRICULTURAL STUDENTS.

| | FALL. | WINTER. | SPRING. |
|-----------------------------------|-------|---------|---------|
| Geometry | 5 | 5 | 5 |
| English | 5 | 5 | 5 |
| Physics | 3 | 3 | 3 |
| History | 3 | | 1 |
| Chemistry | | 3 | 2 |
| Horticulture | | | 5 |
| Meteorology | | | 2 |
| Agriculture | 3 | | |
| Dairying | | 3 | |
| Botany | 2 | | |
| Farm Practice and Dairy | 5 | 5 | 5 |
| Vegetable Histology | | 3 | |

Sophomore Year.

MECHANICAL STUDENTS.

| | FALL. | WINTER. | SPRING. |
|-------------------------------------|-------|---------|---------|
| Geometry | 5 | 5 | 5 |
| English | 5 | 5 | 5 |
| Physics | 3 | 3 | 3 |
| Chemistry | | 3 | 2 |
| History | 3 | | 1 |
| Materials of Construction | 2 | | |
| Projection | 2 | | |
| Shop Work | 3 | 3 | 3 |
| Construction | | 3 | 3 |
| Meteorology | | | 2 |



GREEN HOUSE.

Junior Year.

AGRICULTURAL STUDENTS.

| | FALL. | WINTER. | SPRING. |
|--|-------|---------|---------|
| Solid Geometry | 5 | | |
| Trigonometry and Surveying | | 3 | 2 |
| English and Civics | 5 | 5 | 5 |
| Analytical Chemistry | 5 | | 5 |
| Stock Breeding and Feeding | 5 | | |
| Farm and Dairy Practice | 5 | 5 | 5 |
| Geology | | 3 | |
| Horticulture and Landscape Gardening | | | 5 |
| Entomology | | | 3 |
| Agricultural Chemistry | | | 5 |
| Organic Chemistry | | 5 | |

Junior Year.

MECHANICAL STUDENTS.

| | FALL. | WINTER. | SPRING. |
|--|-------|---------|---------|
| Solid Geometry | 5 | | |
| Trigonometry and Surveying | | 3 | 2 |
| English and Civil Government | 5 | 5 | 5 |
| Chemistry and Blow Pipe Analysis | 5 | 1 | |
| Designing | 3 | 3 | 5 |
| Shop Practice | 3 | 3 | 3 |
| Mechanics | | 3 | 3 |
| Physical Laboratory | | 2 | 2 |
| Geology | | 3 | |

Senior Year.

AGRICULTURAL.

| | FALL. | WINTER. | SPRING. |
|---------------------------------|-------|---------|---------|
| Botany—Plant diseases | 5 | | |
| Veterinary Science | 5 | 5 | |
| English Reviewed | 5 | 3 | 5 |
| Agriculture | | 5 | |
| Political Economy | | 2 | |
| Horticulture | | | 5 |
| Quantitative Analysis | | | 5 |
| Psychology | | | |
| International Law | | | |
| Logic | | | |
| Thesis | | | 1 |

MECHANICAL.

| | FALL. | WINTER. | SPRING. |
|--|-------|---------|---------|
| History of Architecture | 3 | 3 | |
| Steam Engineering | 2 | | |
| Designing | 2 | 2 | 2 |
| Mechanical Laboratory | 2 | 2 | |
| Electric Motors | | 2 | |
| English Reviewed | 5 | 3 | 5 |
| Political Economy | | 2 | |
| Professional Practice | | | 3 |
| Shop Accounts and Management | | | 2 |
| Economic Geology } | 3 | 3 | |
| Economic Botany } | | | |
| Thesis | | | 1 |
| Shop Work | 3 | 3 | 3 |
| Mechanicism | 3 | | |

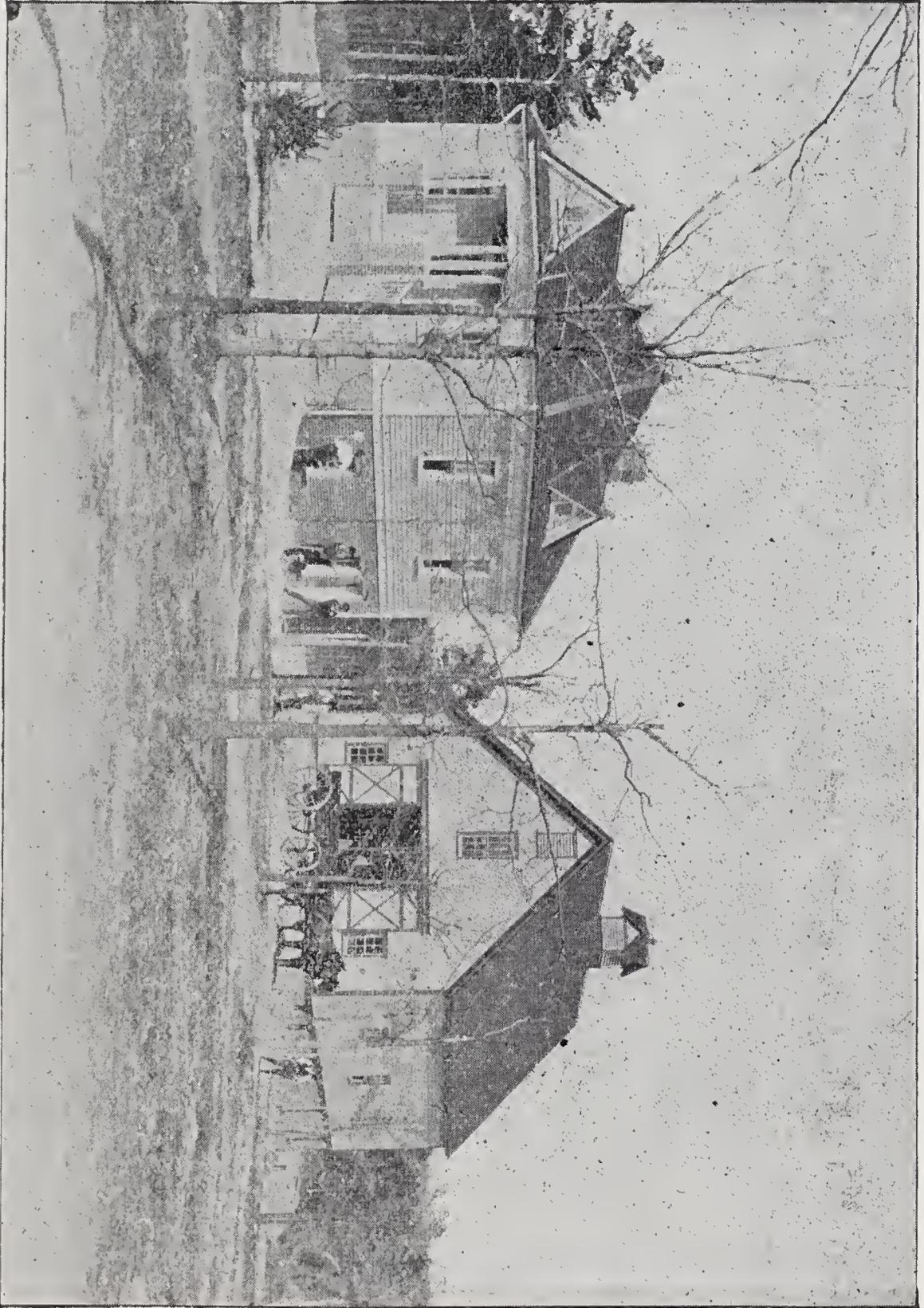
Women's Course.

FRESHMAN YEAR.

| | FALL. | WINTER. | SPRING. |
|------------------------------------|-------|---------|---------|
| Algebra | 5 | 5 | 5 |
| English | 5 | 5 | 5 |
| Physiology | 5 | 3 | |
| History | 2 | 2 | 2 |
| Domestic Science—Cooking | 3 | 3 | |
| Free Hand Drawing | | 2 | 2 |
| Chemistry | | | 3 |
| Botany | | | 5 |
| Music | 2 | 2 | 2 |

SOPHOMORE YEAR.

| | FALL. | WINTER. | SPRING. |
|--------------------------------------|-------|---------|---------|
| Geometry | 5 | 5 | 5 |
| English | 5 | 5 | 5 |
| Physics | 3 | 3 | 3 |
| Chemistry | | 3 | 2 |
| Agriculture and Dairying } | | | |
| Vegetable Histology | | 3 | |
| Horticulture | | | 5 |
| Meteorology | | | 2 |
| Plain Sewing | 3 | | |
| Cutting and Fitting | | 2 | |
| Dairy Work | | 2 | 2 |
| Music | 2 | 2 | 2 |



BARN AND DAIRY.

Women's Course.

JUNIOR YEAR.

| | FALL. | WINTER. | SPRING |
|--|-------|---------|--------|
| English and Civics | 5 | 5 | 5 |
| Analytical Chemistry | 5 | | 5 |
| Organic | | 5 | |
| Horticulture and Landscape Gardening | | | 5 |
| Geology | | 3 | |
| Entomology | | | 3 |
| Household Economy | 5 | | |
| Dairy Work | | 3 | |
| Millinery | 2 | | |
| Elective | 3 | 3 | 3 |
| Musical Vocal | 2 | 2 | 2 |

Women's Course.

SENIOR YEAR.

| | FALL. | WINTER. | SPRING. |
|---|-------|---------|---------|
| Botany—Plant Diseases | 5 | | |
| English | 5 | 5 | 5 |
| Logic | 5 | | |
| Ethics | | 3 | |
| Political Economy | | 2 | |
| Poultry Raising | 3 | | 5 |
| Horticulture | | | 5 |
| Psychology | | 2 | 1 |
| History of Architecture, Elective | 3 | 3 | |
| Zoology | | 3 | |
| Music | 2 | 2 | 2 |
| Thesis | | | 2 |

Degree in Courses.

The degree of Bachelor of Science will be conferred upon students who complete any one of the foregoing courses and sustain all the examinations in the same.

Department of Agriculture.

PROF. A. T. STEVENS, B. S.

Agriculture.

In the Freshman year the work of all the students is the same. At the beginning of the Sophomore year each student makes choice of the course of study best suited to his plans for the future.

The study of Agriculture is not confined to the lecture-room alone, but all class-room instruction will be supplemented with the practice of the principles thus laid down, either in the field, dairy, or with live stock, so far as equipment will permit.

The study of live stock and dairying has received much encouragement in the past year by adding to our equipment a well planned and well equipped dairy building, a model barn for the care and feeding of cattle, and a herd of Jersey cows selected from the famous Occoneechee farm.

freshman.

In the winter term of the Freshman year there will be forty-five lectures on the history, development, and characteristics of the most prominent breeds of domestic animals.

Sophomore.

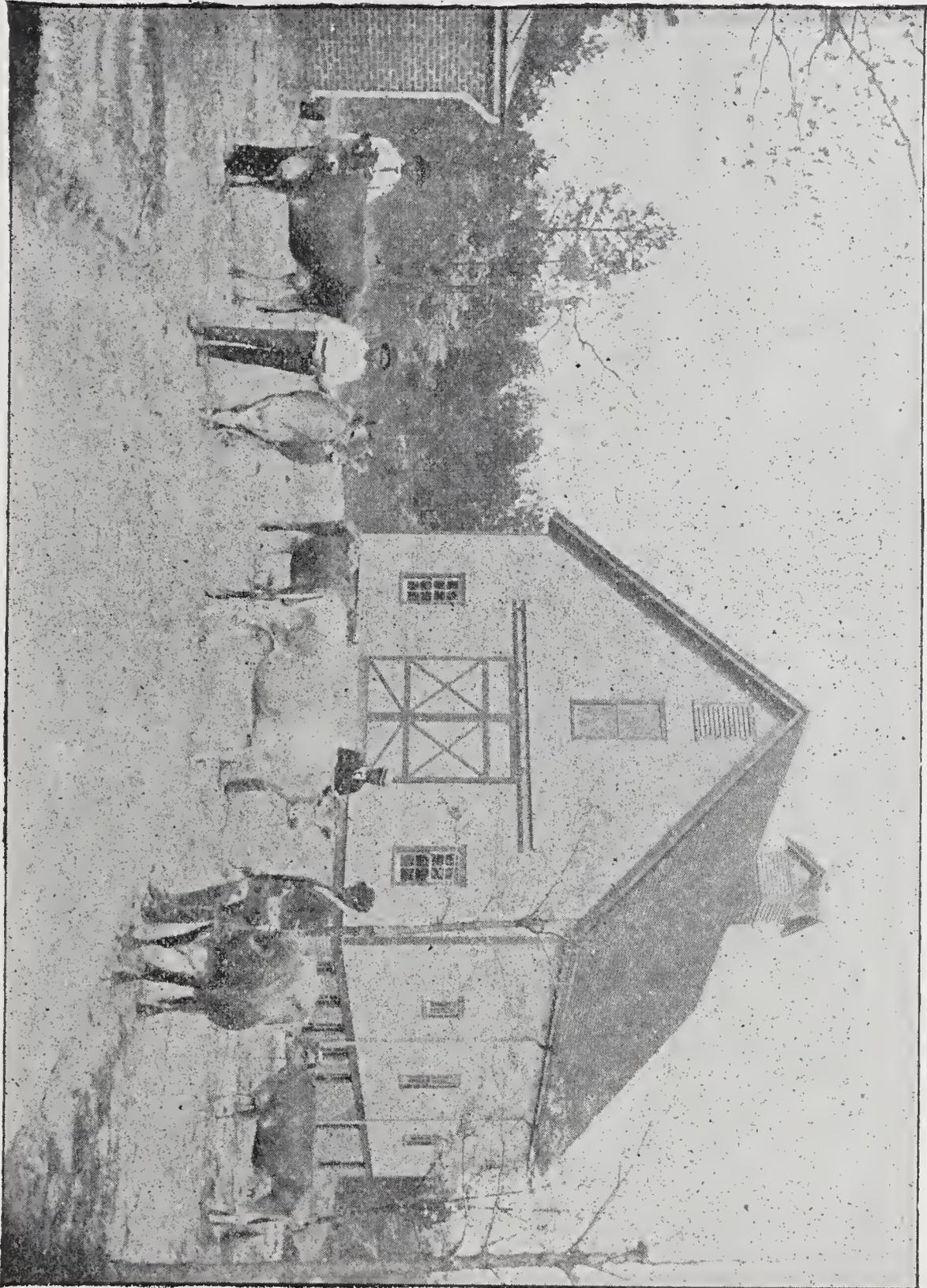
In the fall term of the Sophomore year, for the last half term, lectures will be given on the soil ; its nature, cultivation, methods of drainage, together with farm crops, tools, methods, and the production and application of manures, also soil, moisture and its conservation.

First half of the winter term will be used to study dairying, including care and selection of dairy animals, bacterology of the dairy, together with best methods of making gilt-edge butter, and the use of the Babcock test and cream separator.

Junior.

The first half of the fall term will be occupied with lectures in the problems of stock-breeding, including the influence of heredity, selection, breeding, variation, environment, habit, crossing, together with methods of grading up the live stock of the farm, as well as pure breeding.

The last half of the term will be devoted to stock-feeding, with re-



DAIRY HERD

ference to the production of fat, labor, or milk and the individuality of the animal, together with nutrition and digestibility of farm crops and foods.

In the winter term of this year the Juniors will spend two hours a day for two days each week in dairy practice, handling cream, making and packing butter and such other topics as lead up to making and marketing first-class butter.

Senior.

In the winter term of the Senior year will be given a course of lectures, five days each week, on farm management, farm fences, and farm book-keeping and such other topics as will equip a young man to successfully manage farms.

Graduation.

Students graduating from the Agricultural course will be required to submit a thesis on some agricultural or horticultural topic in which they have made special investigation under the direction of the head of the department to which the subject belongs, before a diploma of graduation will be given.

Horticulture.

As some knowledge of the nature of plants is deemed necessary before horticulture is taken up, the subject has been deferred till the Sophomore year.

In the spring term of the Sophomore year forty lectures will be given, discussing various fruits and vegetables, the preparation of the soil for fruit, soils adapted to various fruits, localities and the influence of the form of the same, together with cultivation, propagation, marketing, and care of fruit.

Class-room work will be supplemented by work among the fruits and vegetables by the class during this term.

The Juniors will have a course of lectures in market-gardening and vegetable culture for the first half of the spring term. These lectures consider the vegetables best adapted for such work in the South, growing, soil, etc.

During the spring term of the Senior year those seniors electing horticulture will have forty hours which will consist of lectures, laboratory and field work. The lectures relate to disease and insect injurious to fruits and vegetables, their cause, prevention and treatment. The work in the laboratory will be with the compound microscope,

studying plant diseases, with chemicals and other apparatus compounding and applying insecticides and fungicides.

A portion of this term will also be devoted to the study of green-houses, especially the commercial green-house, their construction and management.

Landscape Gardening.

During the spring term of the Junior year forty lectures or exercises in the study of landscape art, will be given. This will be presented with especial reference to the use of nature's nearest, most economical materials. Among other topics will be the subjects of walks, drives, arrangement of trees and shrubbery, flower beds and the use of aquatics. Summer houses, their place, the building of, etc., will all receive proper attention.

Botany.

The Freshman class will, in the spring term, beginning with the fourth week, study structural botany for five days in each week, one hour per day.

The student begins with the simplest form of life, and step by step studies the source of life ; the end to be attained by the plant; through what means that end is reached. In the treatment of this subject the observing and reasoning faculties are brought into work through the study of plants, arrangements, modifications, plant kingdoms, etc.

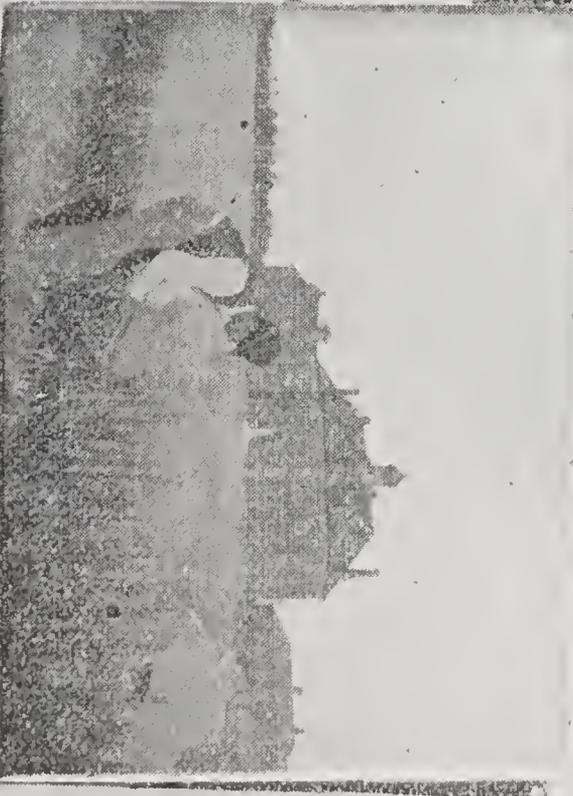
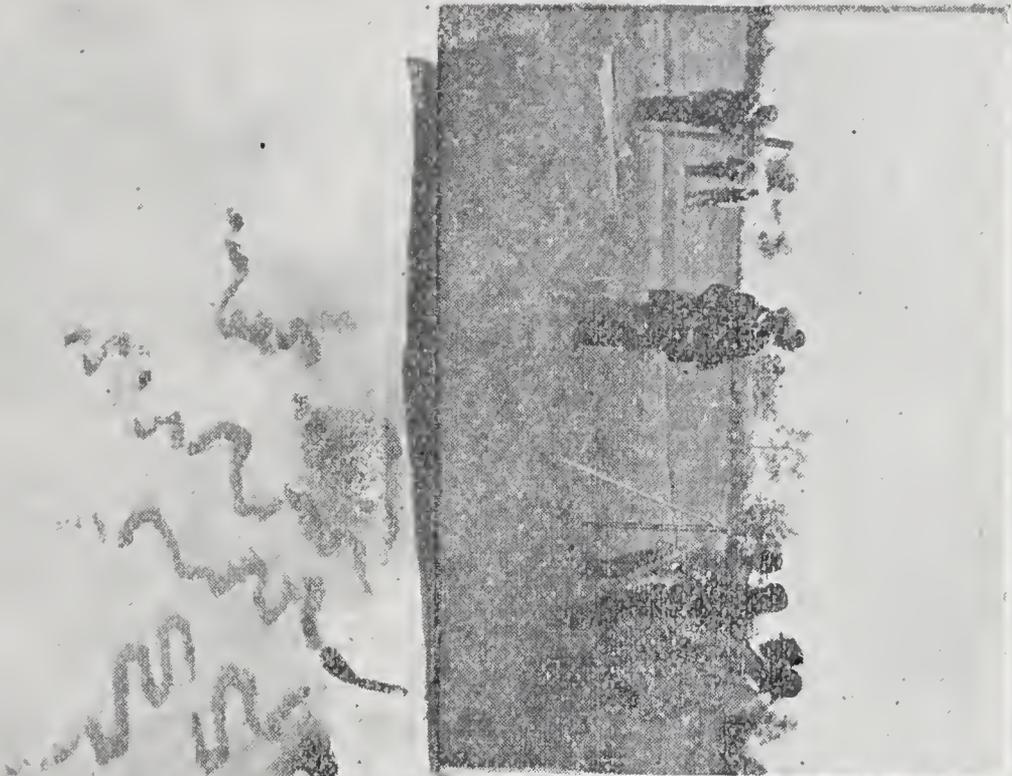
The student is taught the use of the simple microscope, and by use of it will observe the different parts of plants, become familiar with their names, relations and uses. He is taught to rely on his own thoughts and draw his own conclusions.

Sophomore Year.

For the first half of the fall term the sophomores will continue the study of elementary Botany, taking up some of the troublesome weeds of the farm, seeds, and reproduction.

During the winter term, for three days each week and two hours per day the student will study with the compound microscope, the physiology of plants; including cell contents, color bodies, starch, crystals, etc. The student will be taught to prepare with his own hands, sections for the work and then to place drawings on cards showing as accurately as possible what he has seen and then explain more fully by accompanying notes, being concise in his statements.

FARM DRAINAGE.



HEDGE TRIMMING.

Senior.

Those who elect botany in this year will spend two hours a day for five days a week of fall term in studying lower plant life; their nature; methods of multiplication, their growth. Parasitic fungi will receive especial attention. Students will be required to make cultures, also collections of fungi before completing the study, thus educating both the hand, the eye and the mind.

Chemistry.

A. T. STEVENS, PROFESSOR.

For the first three weeks of the spring term of the Freshman year there will be five lectures a week on elementary chemistry, using also Roscoe's Elementary Chemistry as a text book.

In the winter term of the Sophomore year thirty more lectures in elementary chemistry will be given, supplemented by the same text book as in the previous work.

For two hours per day, two days per week, of the spring term the Sophomores will have Laboratory practice in elementary chemistry. This being the first Laboratory work, Williams' Manual of Laboratory Chemistry, is used as a guide.

The Juniors will have five days a week of two hours each in Qualitative Analysis in the fall term of that year.

The Agricultural Juniors will have five lectures a week during the winter term of that year in Organic Chemistry.

Five days a week for two hours each day in the spring term of the Junior year the Agricultural Juniors will continue Qualitative Analysis and also take up some work in analysis of soils.

The Mechanical Junior will take up Blow Pipe Analysis in the winter term of the Junior year for one day each week two hours per day.

Quantitative chemical analysis will be taken up by the Agricultural Seniors in the spring term of the senior year and pursued for two hours per day, five days per week for that term.

Department of Mechanics and Physics.

PROF. ORLO EPPS, ASSISTANT PROF. J. H. BOURNE.

Instructors { C. H. EVANS,
 J. E. KENNEDY,

“There are two most valuable possessions which no search warrant can take away, nor reverse of fortune destroy. They are what is put into the brain, knowledge, and into the hand, skill.”

The work in this department is designed to give the student such a combination of knowledge and skill that he may be something more than an ordinary mechanic or an impracticable theorist.

From the beginning of the Freshman year the time is divided between the lecture room, drafting rooms, and shops. Students will be given an opportunity of visiting the various manufactories in and around Greensboro, and every lecture and exercise will be illustrated as far as possible, and the practical applications pointed out.

The graduate of this department will be able to enter upon any special line of work, pertaining to mechanics that he may choose, and will have a good chance of excelling in his line.

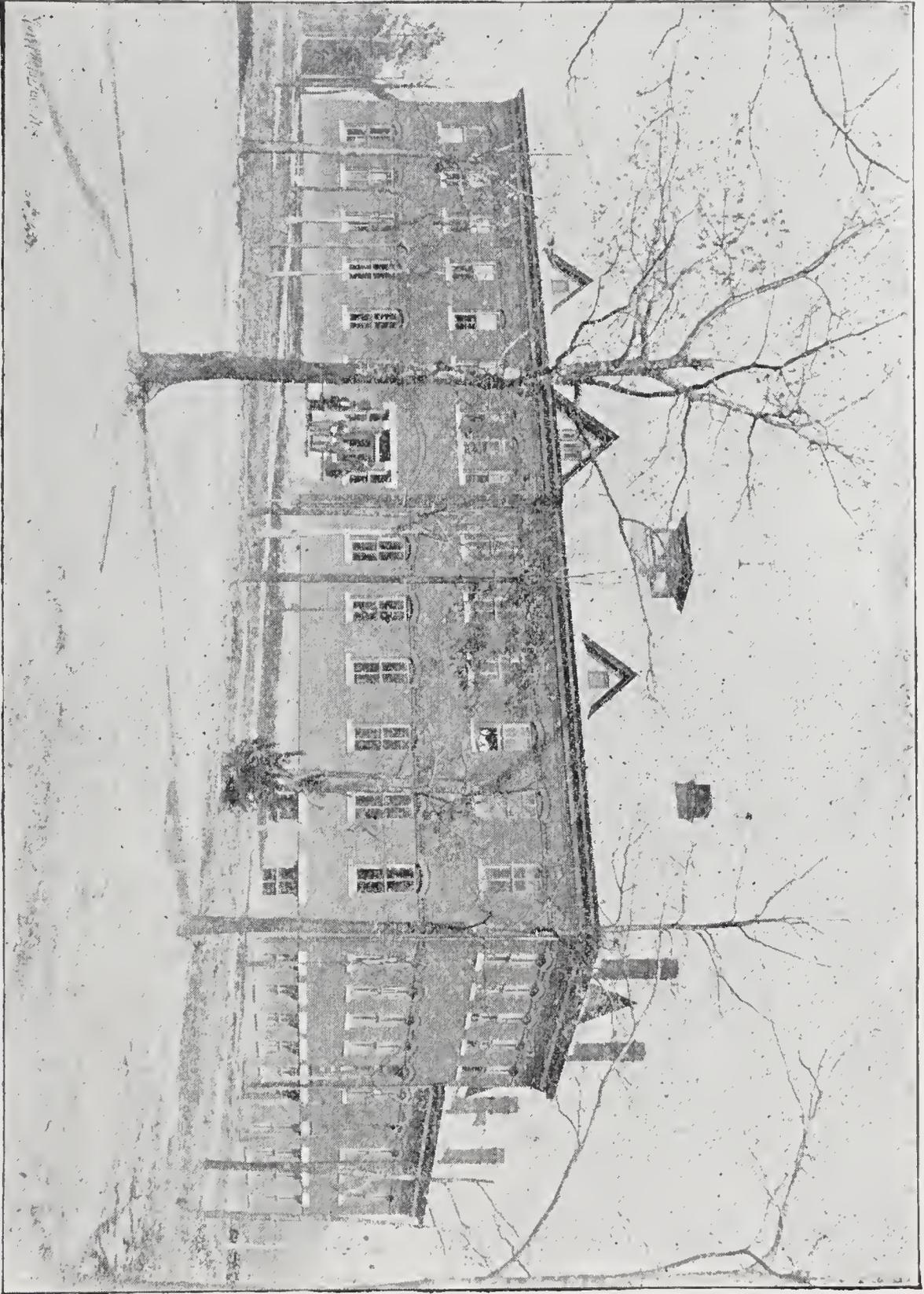
It is recognized at the outset that a knowledge of how to make and read drawings is necessary to success in mechanical work, and further that both practical knowledge and mathematical science are necessary in preparing any reliable drawing or interpreting the same. The course as laid down is designed to make the student familiar with either machine shop practice, or building design and construction.

An important feature of the department is the mechanical training arranged for the students in the course in agriculture. It is intended to make the farmer largely independent of the tradesman to whom much of his profits annually go, and to enable him to operate modern farm machinery successfully.

Equipment.

This department is well equipped for the work in hand and other machinery will be added from time to time as required.

The department building is a substantial modern structure, two stories and basement. On the first floor are the joinery, wood turning shop, machine shop, and model room; in the basement of the rear wing is the smith shop, paint shop, wood working machine shop with stock room, and adjoining this is the boiler and engine rooms. The office, lecture-room, apparatus-room, reading-room and drawing-rooms are on the second floor. The equipment in the physical department



Yonkers, N.Y.
1887

MECHANICAL BUILDING.

consists of an Atwood's machine, air pump and accessories, port Lum-
mere for projection, variety of batteries, and electrical instruments,
compound microscope, balances, pulleys, pumps, sonometer, and a
general assortment of apparatus for the lecture table.

The lecture-room can be made dark at a moment's notice and the
sunlight used to illustrate on a permanent screen. Water and power
are at hand for use, also gas. A dark room is fitted up for photo-
graphic use and for experiments requiring it.

In mechanics, a full collection of materials of construction will be
provided so that students can study them from observation as well as
from text. A museum of models in mechanism and construction has
been begun and will be added to as required. A reading-room is pro-
vided in the building, well supplied with books of reference and tech-
nical journals. This is open at all times to the students. The equip-
ment in drawing consists in tables, drawing-boards and T squares.
Students will provide themselves with instruments, which will be ar-
ranged for at lowest rates ; also paper, pencils, ink, etc.

In freehand drawing a full set of models and a sufficient number of
tables is provided. Alcoves are arranged for teaching shading, and
the rooms are well lighted and heated.

The wood-working shop is equipped with twelve double benches,
provided with patent vises and stops, twenty-four complete sets of
joiners and wood-turners' tools. Each set is arranged in a neat wall
case, having a glass door and combination lock. Each student in
wood-working has a set of tools and is responsible for them. There
is also a large case of tools for the instructor and for general use. The
shop is also supplied with a 36-inch band saw, a surface planer, a
universal wood-worker with attachments for sawing, ripping, dadoing,
jointing, tenoning and boring, a swing-saw, a pattern-maker's lathe,
twelve small turning lathes, an emery wheel and grind stone.

The machine shop is equipped with six engine lathes, shaper, drill
press, vises, test plates and a full assortment of hand tools.

The forge shop is equipped with twelve patent downdraft, Buffalo
forges, each having an anvil, sets of tongs, flatters, fullers, etc., also
slack tub and coal box. The blast for the forges is supplied by a 40-
inch fan, placed in the corner of the shop, and connected to the main
shaft. The smoke is exhausted by the same fan, and forced out above
the roof. There is also one portable hand forge for use when the
machinery is not running. Two work-benches, supplied with vises,
stock and dies, taps, files, etc., also a mandrell, sledges and leather
aprons complete the equipment in this shop.

The power plant consists of a 30 horse-power Root tubular boiler of

latest design, and a 35 horse-power Skinner automatic engine of the latest model, and with all modern improvements. These are installed in the very best manner, and are the best to be had of their kind.

The boiler is fed by a steam pump, the water being heated by exhaust steam before it reaches the boiler. The exhaust from the engine is purified and sent through the coils in the rooms for heating the building, and the condensation returned to the boiler. Arrangements are also made for using live steam when the engine is not running. An auxiliary engine and boiler have been purchased, and will be used for testing and experimental work. The advanced students will be required to fire the boiler and care for the engine, also to attend to the machinery. The equipment and the arrangement of this department are entirely new, and are not surpassed by that of any similar institution in this section.

The work of this department is divided into three divisions:

1st. Physics and Theoretical Mechanics.

2nd. Drawing and Designing.

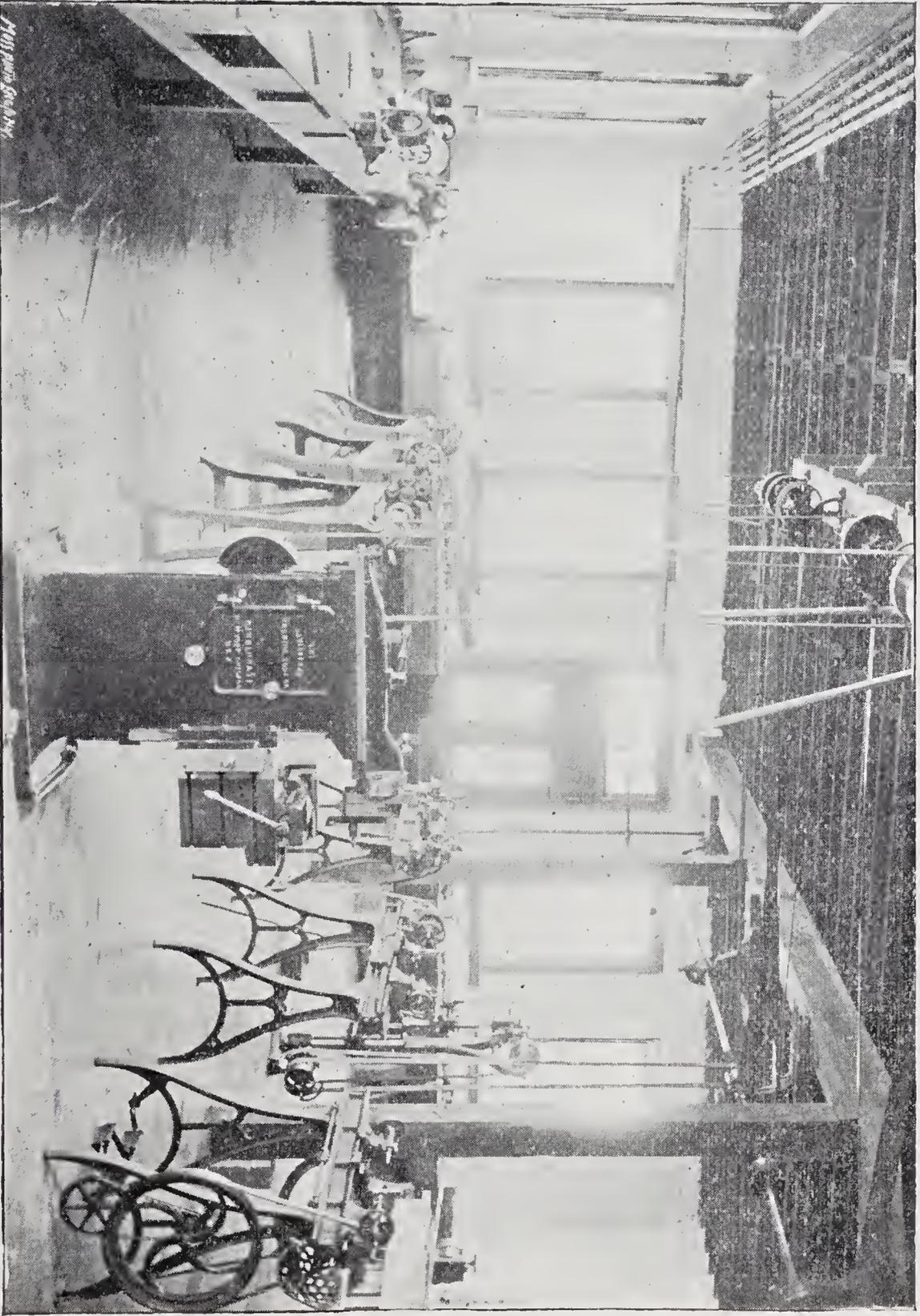
3rd. Practical Mechanics.

Physics and Theoretical Mechanics begin with the Sophomore year. During this year a complete course of lectures on elementary physics will be given, fully illustrated, as far as possible, by actual experiments in the lecture room.

The Sophomores also study the materials of construction during the fall term. Instruction is given by lectures and reference books, and will include a critical study of minerals, metals, woods and various manufactured products which enter into buildings and machinery. During the winter and spring terms lectures will be given on building, construction and also on mechanism. These lectures will be accompanied by exercises in the drafting rooms, and illustrated by models.

The Junior class study trigonometry and land surveying in the winter and spring terms. Practice will be given in farm surveying and leveling, also in plotting the maps of same. The application of trigonometry will be made in the measurement of lines, calculating areas, etc. The principles of drainage and also the law of boundaries will be explained. During the winter and spring terms graphical statics will be studied, including strength of materials, trusses, arches, walls, etc. This work is accompanied by practical exercises and problems in the drafting room. A course in physical laboratory work is followed two terms of this year, and a general introduction to steam and electric machinery will be given by means of lectures and text during the other term.

During the Senior year it is designed to study critically, the design



Miller Bros. Co. N.Y.

MACHINE SHOP.

of steam and electric machinery, also water and gas motors. The transmission of power by various methods, together with testing of power plants of all kinds will receive proper attention.

A course of lectures on the history of architecture, also on designing will be given, and the student practiced in planning and specifying work.

At the close of the spring term a thesis will be required on some technical subject; occasional professional essays will be required during the year.

Drawing.

During the winter and spring terms of the Freshman year all students take free-hand drawing. The work consists in copying from flat plates, sketching from geometric models, and later sketching from nature and from mechanical models. The student will be drilled in making free-hand working sketches, sections and elevations. The object of the work is to teach the principles that underlie the art of drawing rather than the making of artists or mere copyists.

In the Sophomore year the mechanical students have instrumental drawing and projection, and also daily practice during the winter and spring terms in detailing construction. This work is thoroughly practical and is intended to give knowledge and skill in the preparation of working drawings. All working drawings are made accurately to scale and figure. The work is traced in ink and the application of color to working drawings taught.

During the Junior year map making and lettering is taken in connection with surveying. Work in architectural and machine design is given, and problems solved are criticised in class. The work in graphical statics is largely done in the drafting-room, and the study of safe and economical construction will proceed together.

The Seniors in this department will make a systematic study of original designing in architecture and machinery. They will be required to submit complete plans and specifications for work and prepare contracts for same, also make out bills of material. They will also be taught blue printing and photographic copying.

Practical Mechanics.

Work in this division consists of joinery work, wood-turning and pattern-making, forging, iron-working, and care of power plant. The Freshmen all take one term of joinery and one of forging. During the spring term they apply their skill in the manufacture of useful articles,

farm tools, etc. The Sophomores in the Mechanical Department continue forging in steel, tempering and welding, and the making of tools. They will also have practice in wood-turning.

The use of hand-tools in the machine shop, also the planers, is taught. Juniors and Seniors will have regular machine-shop practice, including the use of all kinds of modern tools. They will also have charge of the power plant and care of shafting, and machines.

Department of English.

PROF. CHAS. H. MOORE.

PROF. JNO. H. M. BUTLER.

The ability to write a clear and elegant English sentence is an accomplishment much to be desired; and it is a recognized fact that English forms an important branch in all well-rounded courses of study.

Therefore the course in this department extends through the entire four years. It is designed to acquaint the students with the essentials of English grammar, the structure of sentences, and so make them thorough English scholars.

To excite and cultivate a taste for good literature, to acquaint the students with the thoughts and writings of the best authors and to form habits of correct expression, a diligent and critical study of standard works containing master-pieces in prose and poetry, will be required of all students.

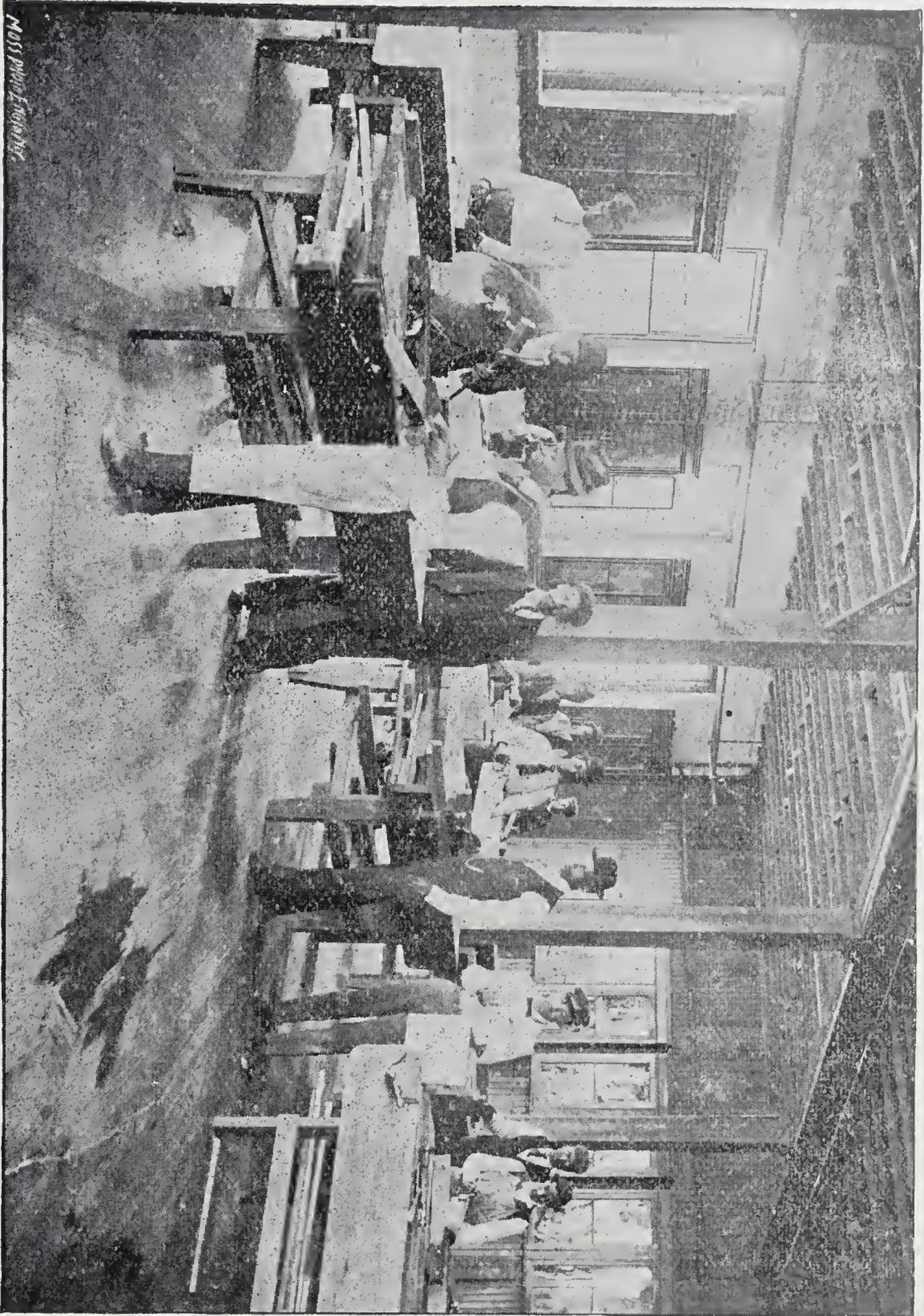
The College Library, containing some of the best works in English and American literature, affords splendid facilities for instruction in this department.

Preparatory Department.

Those who are unable to enter the Freshman class receive special preparation in this department.

The first year's work comprises construction of sentences, letter-writing, exercises in reproduction, reading, geography and arithmetic, beginning with fractions.

The second year class continuing the subject of practical grammar, have exercises in analysis and parsing. They also have much practice in drawing up simple business forms and writing business and



Mass Photo Engraving

CARPENTER SHOP.

social letters. Compositions are required throughout the preparatory course.

The other studies pursued during this year are descriptive and political geography, the history of North Carolina, elementary physiology and arithmetic.

Freshman Class.

Having completed the work of the Preparatory Department, students begin the study of the English language, Composition and Rhetoric with Lockwood's Lessons in English as a text-book. The end to be accomplished is to familiarize the student with the structure and arrangement of sentences and the fundamental principles of style. It is designed to enable the student to acquire skill in the logical arrangement of his thoughts, and to express them in a clear and forceful manner.

Selections from Irving, Longfellow, Whittier and Holmes are read as introductory exercises to the study of American literature. Weekly rhetorical exercises.

Sophomore Class.

In the fall term of this year the work is similar to that of the Freshman year. Beginning with the winter term the study of practical rhetoric is commenced. Among the subjects receiving attention are : Diction, Narration, Exposition, Argumentation, Persuasion, and Figures of Speech.

Written productions of the students are read and criticised in the presence of the class. During the year some of the master-pieces of American authors are studied critically.

Weekly rhetorical exercises.

Junior Class.

The study of rhetoric will be continued and completed at the close of the fall term of this year. After which the class will begin a brief survey of English and American literature; rhetoric as to invention; biographical studies of authors and of events connected with their literary productions.

As an intimate acquaintance with the Constitution of the United States and of one's own state is recognized as an essential to good citizenship, for this reason, Civil Government is studied by the class in this year; also ethics, that the students may have some knowledge of the duties they owe their fellow-man.

Weekly rhetorical exercises.

Senior Class.

Select essays and orations of Webster, Calhoun, Bacon, Pitt, Fox, Macauley, Burke and Gladstone analyzed and discussed; class-room exercises and outside work on assigned topics. Critical thesis on Tennyson, Shakespeare and Milton; review.

The study of logic, both inductive and deductive, will be pursued by the class as an aid to correct reasoning. Practical application of what the student learns in this study will be made in testing the validity of arguments and detecting fallacious reasoning.

The present industrial and financial embarrassment shows the importance of a knowledge of economic principles. For this and many other important reasons, the students of this year will also study Political Economy. The relations of capital to labor, the tariff, bi-metalism, and other important questions relating to the welfare of our nation and country, will be carefully studied and discussed.

The subject of Psychology will be studied in this year.

Weekly rhetorical exercises.

Department of Mathematics.

PROF. ORLO EPPS.

PROF. J. H. BOURNE.

The course in this department has been laid out with great care and will be strictly adhered to. The art of being rapid and accurate in computations, and also the analytical powers are developed at the same time. The Mechanical and Agricultural departments give the student a fine field for practical problems.

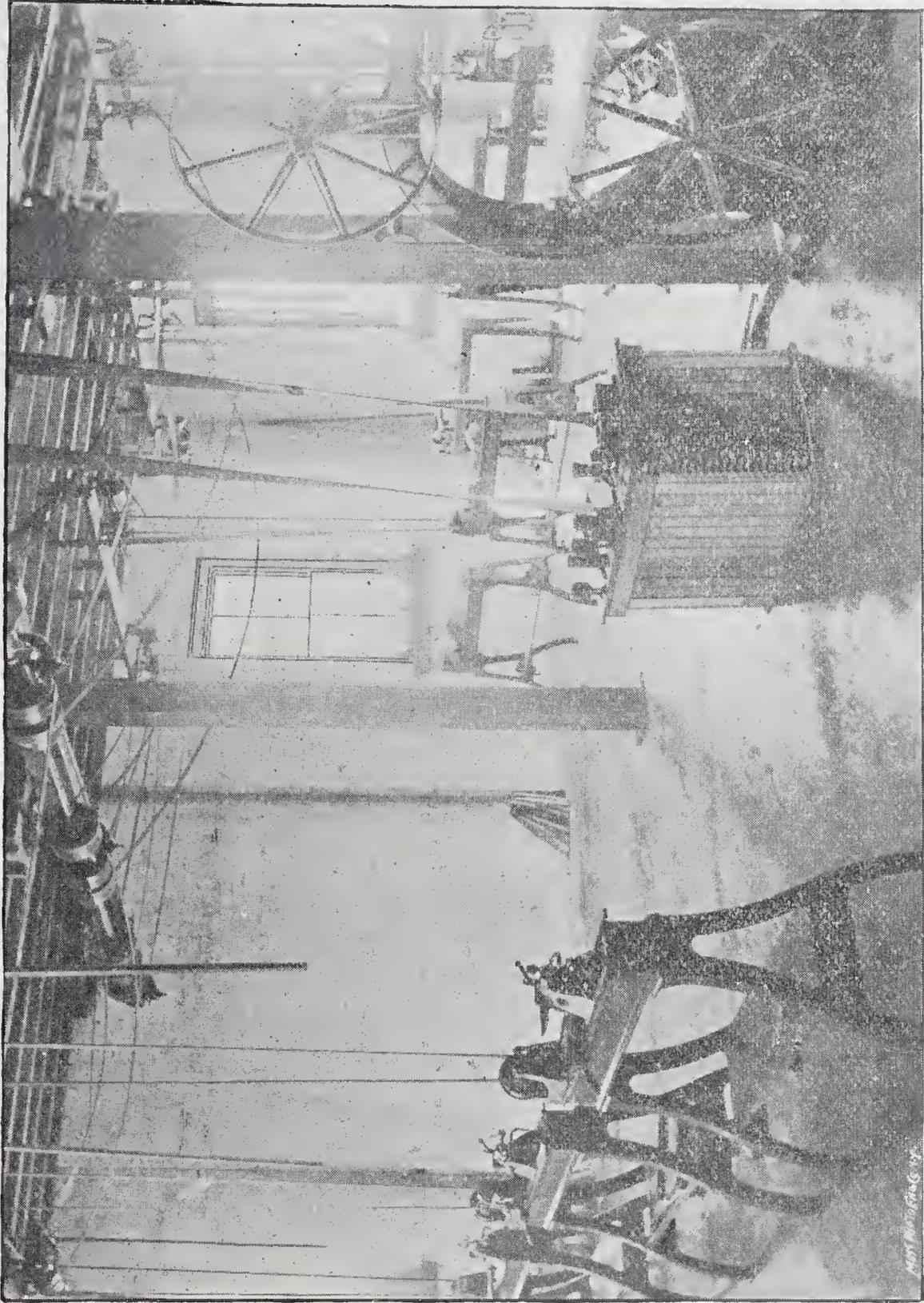
As many students come so poorly prepared in arithmetic, a two-year preparatory course has been established.

The first year preparatory students will begin arithmetic at the opening of the fall term with a review of fractions.

The second year preparatory students will begin with percentage at the opening of the fall term and will complete arithmetic at the end of the spring term. Text-book—Milne's Standard Arithmetic.

Freshman Class.

Algebra is begun with the fall term and is completed with the spring term. Students are required to give the principles involved in the solution of the problems and perform the work with neatness and despatch. Text-book—Well's Academic Algebra.



WOOD-TURNING.

Sophomore Class.

This class begins geometry at the opening of the fall term. The course includes plane, and solid (with special) geometry. Special attention is given to lead the students to make original demonstrations; to this end the students find the Mechanical Department a very valuable adjunct in which they can make their own models and develop the power of independent reasoning.

Junior Class.

Trigonometry and field surveying are begun with the winter term. The students are taught the use of the instrument and made familiar with its workings. The class in the Mechanical Department will take the subject of mechanics, including graphics, during two terms of this year. Attention will be given to the practical application of these subjects.

Department of History.

PROF. JAS. B. DUDLEY.

It will be the purpose of this department to treat briefly, but as comprehensively as possible, in ancient and modern history, of the great events which indicate the main highway of man's progress and civilization; especial attention being given by lectures and otherwise to the subject of industrial evolution. By attentive study of those historical links—the causes and effects of leading events which mark great epochs, the chronological order of general history will be presented with the purpose of making impressions upon the student's mind that will excite interest and encourage independent reading and reflection.

As this College was established and is sustained by both State and National Governments, it is under special obligations to train its students to become good and patriotic citizens, and since we must know that which we would love and to which we would be loyal, it will be deemed a special mission of the College to give the history of North Carolina and of the United States as thorough study as possible.

The course begins in the Preparatory Department with the history of North Carolina. After the student has acquired a knowledge of his own State he passes in the Freshman Class to the history of the United States. In the more advanced classes he takes up the study of

European and Oriental civilization, Ancient and Modern history. Throughout the entire course the choice selections of historical works contained in the College Library will prove a valuable auxiliary to the instructor in awakening interest and stimulating desire for historical knowledge; and students will be encouraged to avail themselves of the facilities at hand.

Department of Domestic Science.

The national life depends almost entirely upon the individual homes, the home demands the exercise of woman's best powers broadly and carefully trained. This department was established in order to see that the girls are trained in the habits of neatness, thoroughness and gentleness, and to afford training and instructions in these special subjects which must be considered in the daily administration of every home. Special attention will be given to the study of food economy. There is a general demand for persons trained in the art of plain, wholesome cooking. The selection of food material with regards to quality and cost, and the method of preparing by appropriate apparatus, will receive careful attention. In order to meet these demands the following is suggested as a course which will enable young women to meet more intelligently the demands of home and society:

SEWING.

1st Year—The various stitches, overhanding, running, folding-hem, hemming, stitching, back-stitching, overcasting, patch-work, cutting and outlining.

2nd Year—Flat fell, French fell, gussets, gathering and sewing on bands, sewing on tapes, cutting, basting and making aprons, use of machine and hemstitching.

3rd Year—Patching, Darning, various fancy stitches, drawn work, cutting and making undergarments, childrens' clothing, and button holes.

4th Year—Preparatory to dress-making—overhanded gathering, binding with braid, hooks and eyes, buttons, loops, bending seams, bone-casting, button holes on serge, drafting by chart.

5th Year—Plain dress-making, cutting, fitting and matching colors.

6th Year—Fancy dress-making. Fancy needlework.

Students will furnish the cloth for dress-making. Cloth is furnished by the College for the Preparatory work. There will be provisions made for those who wish to take a special course in dress-making.



SEWING CLASS.

Miss Probst

COOKING AND FOOD ECONOMY.

1st Year—Brown gravy, brown beef stew, corn bread, baking powder biscuit, ginger cakes, hash, soup, white sauce, boiled pork and cabbage, vegetables; making and care of fire, and washing dishes.

2nd Year—Light bread, frying in deep fat, fresh fish, tapioca pudding, corn muffins, sponge cake, beaten biscuits, smothered chicken, and pan broiling.

3rd Year—Roasting, pastry, boiled beef with vegetables, boiled custard, meat pie, salt fish, fruit cake, plum pudding, and pound cake.

4th Year—Potatoes cooked in various ways, fish chowder, potted meats, broiling over coals, layer cakes, wheat muffins, trying out lard, baked custard, pudding, making sausage.

5th Year—Various kinds of jelly, icing for cakes, ice cream, candies, pudding, sauce, waffles, boiled puddings, Graham bread, French dressing.

6th Year—Clarifying soup, candies, fancy ices, fish sauce, salads with mayonnais, invalid Cookery. (Preserving and pickling.)

The first and second years' work as above laid out is intended to be done by the Preparatory classes.

Admission of Students.

The requirements for admission into the A. & M. College, which is the complement of the public schools of the State for the colored people, have been regulated by the average scholarship of the advanced students of these schools.

Applicants must not be under 14 years of age and in good health, must understand fairly well the forms and rules of the English language, must be familiar with arithmetic, and have a knowledge of geography and history.

An applicant who is unable to enter the Freshman class may be allowed to enter the Preparatory department which will prepare him to pass the required examination for admission to the higher class.

Any student wishing to enter the Sophomore or any higher class, omitting the earlier classes, will be required to stand such examination as will show ample preparation for such class as he may wish to enter.

A student otherwise qualified may be allowed to elect certain studies

from the regular courses already provided in the College if no inconvenience result to the regular classes.

Students are classified as "free tuition" and "pay" students. The number of "free tuition students" for each county is fixed by the Board of Trustees. For further information on this subject address the President of the College.

Free Tuition or County Students.

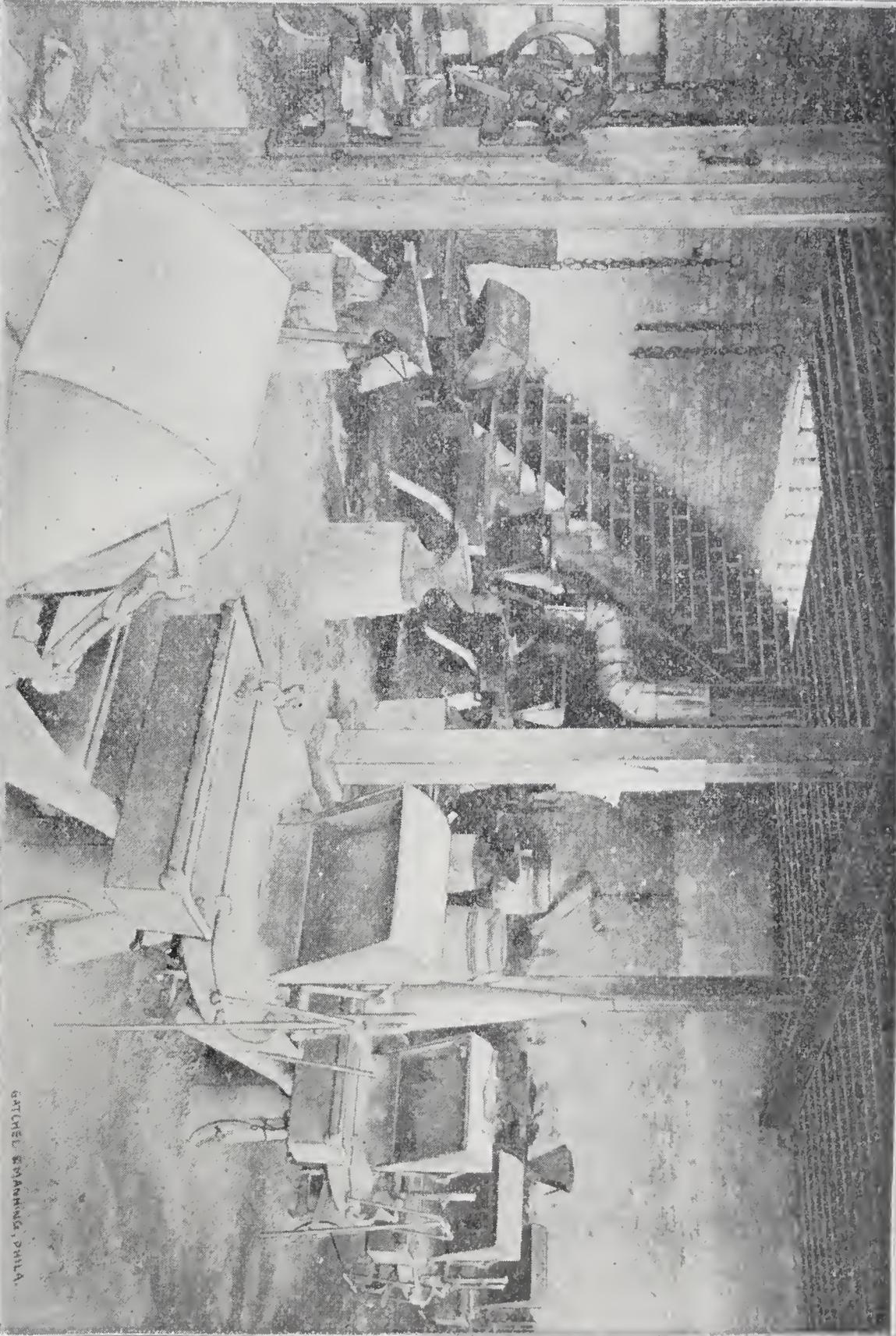
A limited number of students from each county will be allowed free tuition. *A student in this class must procure from the Examiner of his county a certificate setting forth that the applicant has passed an examination equivalent to that required of a second-grade teacher. No special examination will be prepared by the College for such students; a person desiring admission as a county student should exhibit this statement to the Examiner for information and pay such fee as may be required for the examination.* Each county will be allowed one county student and more according to its colored population. The number of free-tuition students accredited to a county if not exhausted by September 1st, will be transferred to counties where the applications are in excess of the accredited quota. For this reason persons who have passed the examination should at once forward their certificates to the President and signify their intention of attending at the beginning of the fall term. For further information on this subject, address the President.

Supplies.

Each student must bring a hair-brush and a comb, a change of sheets and pillow-cases, and two counterpanes, plainly marked.

All students must furnish oil, lamp-chimneys, books, stationery, drawing-pencils, thumb-tacks, and medicines. Arrangements will be made for these at lowest cost.

Each student must keep on deposit \$1.00 to cover any charge which may be made against him for damage done.



GATCHEL SMITH, PHILA.

BLACKSMITH SHOP.

Terms.

MONTHLY PAYMENTS.

| | |
|--|--------|
| Laundry service per month of four weeks | \$.50 |
| Instrumental music per month of four weeks | 1.00 |
| Tuition per month of four weeks | 1.00 |
| Lodging, use of room, bedding, etc., per month of four weeks . | 1.00 |
| Board per month of four weeks | 5.00 |

SPECIAL PAYMENTS.

| | |
|--|--------|
| Use of piano by students taking music, per session | \$1.00 |
| Incidental deposit. | 1.00 |
| Medical fee | 1.00 |

THESE CHARGES ARE PAYABLE STRICTLY IN ADVANCE.

Students at the time of the advance payments will be given tickets which will admit them to class-rooms, work-shops and dining-hall.

SCHOOL MONTH AND PAY DAYS.

| | |
|--|--------|
| October 3rd, 1898, amount due, including Incidental deposit and Medical fee | \$9.00 |
| October 31st, 1898; amount due | 7.00 |
| November 28th, 1898; amount due | 7.00 |
| December 26th, 1898; amount due | 7.00 |
| January 23rd, 1899; amount due | 7.00 |
| February 20th, 1899; amount due | 7.00 |
| March 20th, 1899; amount due | 7.00 |
| April 17th, 1899; amount due | 7.00 |
| May 15th, ending May 25, 1899; amount due | 2.60 |

Free tuition or County students will pay one dollar per month less than the above.

There will not be any reductions for less than two weeks.

Board, lodging, tuition, medical and incidental fees must be paid to the Bursar before the rooms are assigned and tickets of admission to Class-Rooms, Work-Shops and Dining-Hall are issued.

RULES GOVERNING CLASSIFICATION.

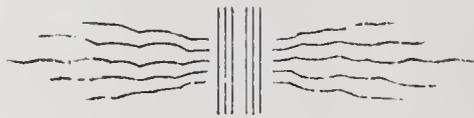
I. No student shall be classed at the beginning of any year in any class unless he has passed in three-fourths of the subjects leading to that year.

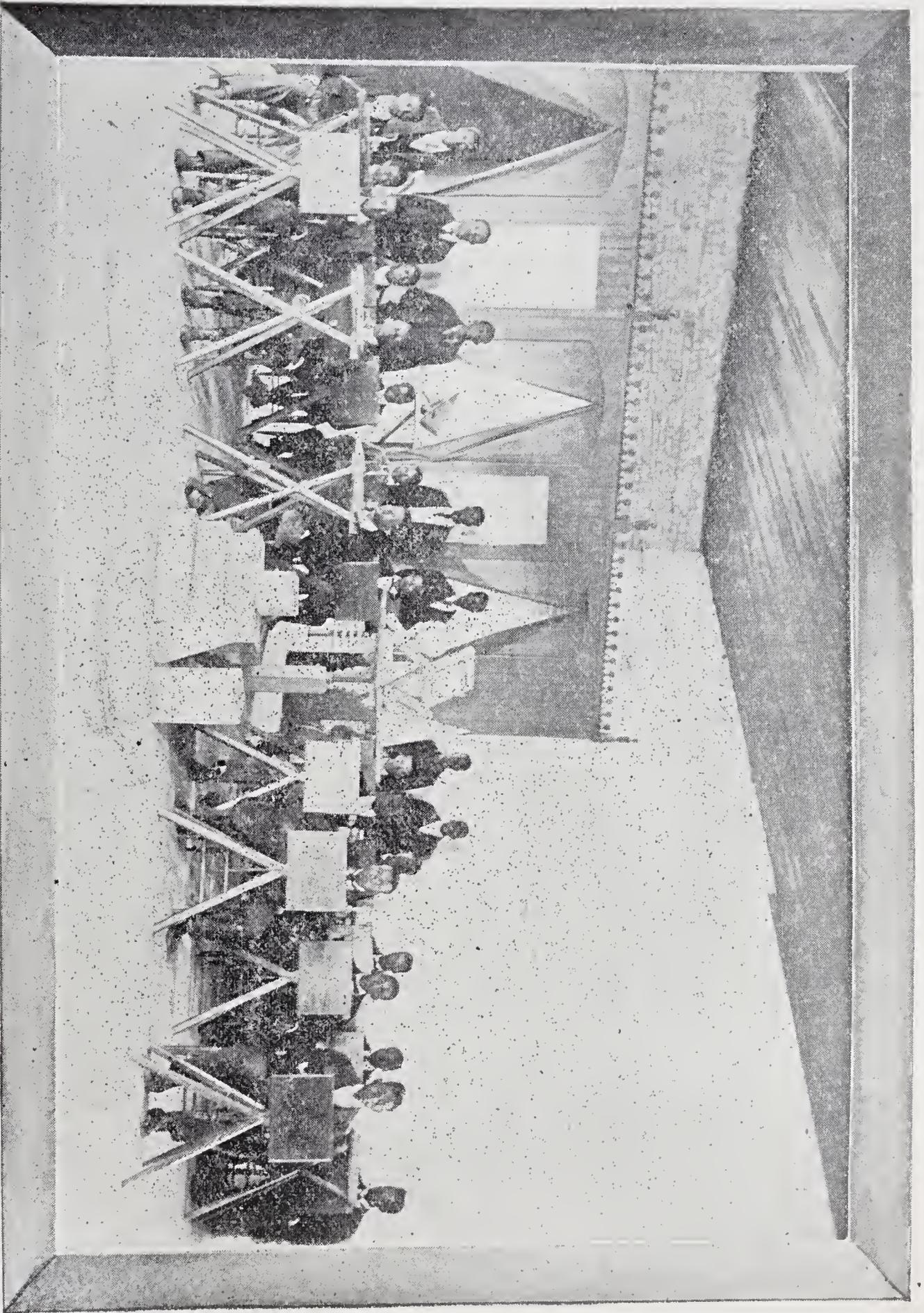
II. Students making seventy per centum and over shall be marked "passed;" eighty-five per centum and over, "honorable." A student failing to make seventy per centum shall be conditioned.

III. Students will be examined during the first week of the term immediately following the term their failures occurred in order to remove conditions. Students failing at such examinations will take examination with subsequent class or classes at the regular time for the same.

IV. Any student who falls below fifty per centum in each subject of the term shall not be allowed to continue with the class.

Students' laundry will be done in the College for fifty cents each per month of four weeks. Girls will be allowed to do their own laundry work.





FREE HAND DRAWING.

Students.

FIRST YEAR.

| | |
|---------------------------------|----------------------|
| Barnett, Maggie R. | Wilmington, N. C. |
| Black, Cora E. | Greensboro, N. C. |
| Bradey, William | Moffit's Mill, N. C. |
| Cunningham, Nannie | Greensboro, N. C. |
| Cuoton, Jno. W | Wilmington, N. C. |
| Davis, Lorenza E | Wilmington, N. C. |
| Dillard, Mamie O | Leeds, S. C. |
| Fleming, Noah S | Morganton, N. C. |
| Holley, Charles L | Greensboro, N. C. |
| Jones, George T | Mebane, N. C. |
| Lane, Allen | Raleigh, N. C. |
| Lea, Matilda C | Mebane, N. C. |
| Mabson, Percy C | Wilmington, N. C. |
| McLean, Bessie | Greensboro, N. C. |
| McKenzie, Sarah P | Greensboro, N. C. |
| Merritt, Geneva | Greensboro, N. C. |
| Moore, George B | Wilmington, N. C. |
| Nunnally, Thomas | Yak, Va. |
| Palmer, George J | Semora, N. C. |
| Patterson, Mary E | Greensboro, N. C. |
| Queen, James H | Wilmington, N. C. |
| Richardson, Mary L | Wilmington, N. C. |
| Richmond, Sarah D | Mebane, N. C. |
| Sellers, Gertrude E | Greensboro, N. C. |
| Sellers, George W | Bynums, N. C. |
| Smith, Herman | Wilmington, N. C. |
| Toomer, Robert J | Wilmington, N. C. |
| Ware, Daisy M | Greensboro, N. C. |
| Wills, George E | Brinkleyville, N. C. |
| Witherspoon, Fannie A | Greensboro, N. C. |

SECOND YEAR.

| | |
|-----------------------------|-------------------|
| Bullock, Hannah A | Greensboro, N. C. |
| Carson, Charles A | Marion, N. C. |
| Ceasar, Robert B | Mt. Airy, N. C. |
| Cotton, Lillian | Greensboro, N. C. |
| Cotton, Norman T | Greensboro, N. C. |

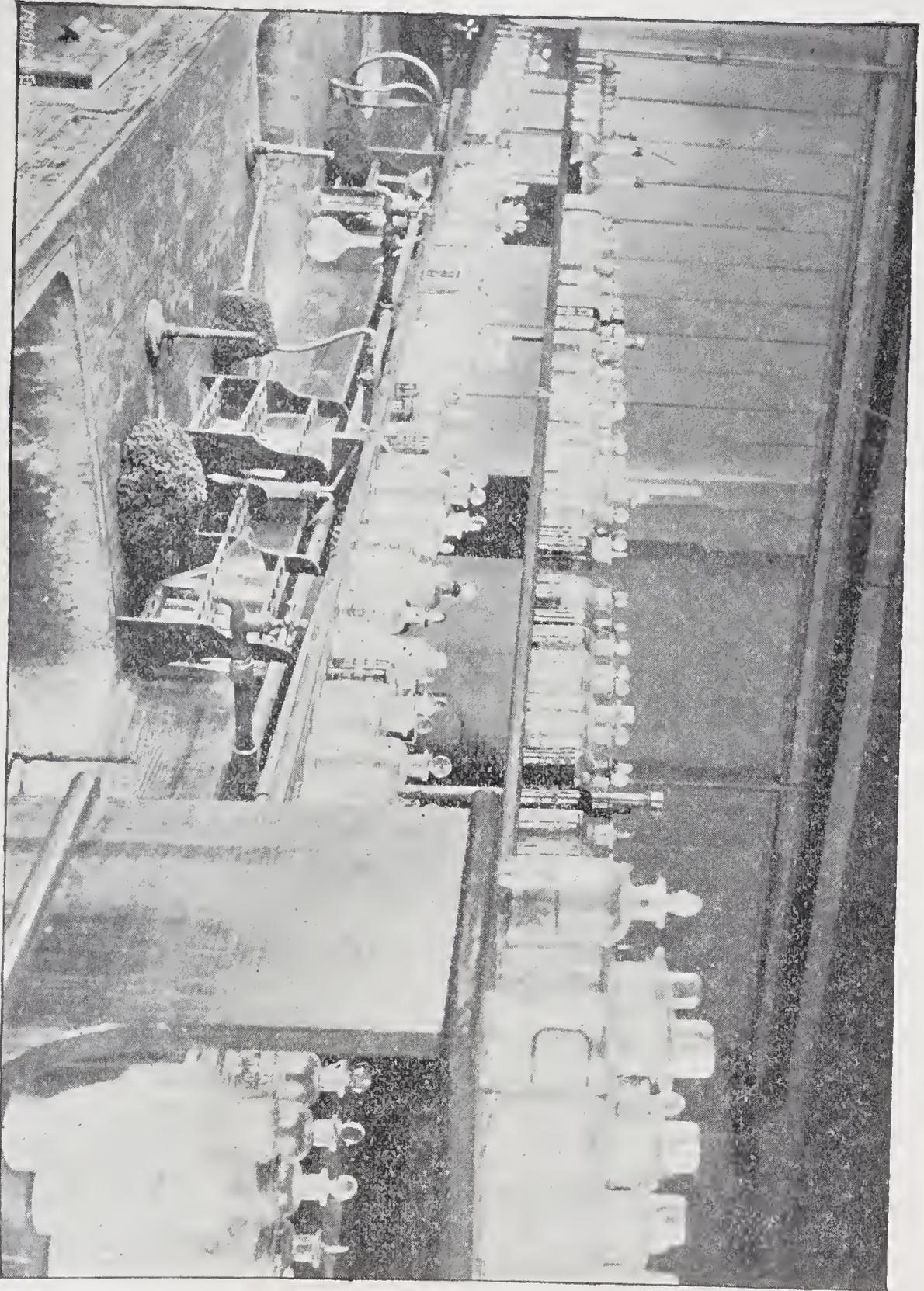
| | |
|------------------------|--------------------|
| Dunn, John H. | Raleigh, N. C. |
| Durham, Mary | Semora, N. C. |
| Fearington, Bitha A. | Greensboro, N. C. |
| Foster, Margaret E. | Greensboro, N. C. |
| Gray, Roxanna T. | Greensboro, N. C. |
| Hepler, Thomas | Salem, N. C. |
| Holcomb, Aaron J. P. | Wilmington, N. C. |
| Holley, William A. | Greensboro, N. C. |
| Holley, Carrie E. | Greensboro, N. C. |
| Hudson, James E. | New Berne, N. C. |
| Jones, Doctor H. | Greensboro, N. C. |
| Lockett, Fannie E. | Greensboro, N. C. |
| McNeal, Clara J. | Greensboro, N. C. |
| McAdams, John A. | Mebane, N. C. |
| Patilla, Lula B. | Greensboro, N. C. |
| Packenham, Thomas W. | Mebane, N. C. |
| Plummer, John O. | Warrenton, N. C. |
| Pritchett, Nannie L. | Greensboro, N. C. |
| Powell, Rufus M. | Winston, N. C. |
| Quick, Elias | Wilmington, N. C. |
| Rives, William H. | Millwood, N. C. |
| Shaw, Geneva | Greensboro, N. C. |
| Simmons, Victor W. | Statesville, N. C. |
| Thomas, Joseph J. | Wilmington, N. C. |
| Wilson, Linnie P. | Wilmington, N. C. |
| Witherspoon, Thomas H. | Greensboro, N. C. |
| Yarborough, Mabel G. | Danville, Va. |

SPECIAL STUDENTS.

| | |
|------------------|-----------------|
| Bailey, Neal A. | Evans, N. C. |
| Edwards, R. L. | Bynums, N. C. |
| McQueen, D. D. | Durham, N. C. |
| Wright, Annie C. | Danville, N. C. |

FRESHMAN.

| | |
|---------------------|--------------------|
| Bryant, Charles, L. | Wilmington, N. C. |
| Caldwell, Ernest B. | Chapel Hill, N. C. |
| Carter, Allen, J. | Reidsville, N. C. |
| Colson, Edgar F. | Ansonville, N. C. |
| Cotten, Della C. | Greensboro, N. C. |
| Dasher, Susie P. | Wilmington, N. C. |
| Donnell, Minnie | Greensboro, N. C. |



CHEMICAL LABORATORY.

| | |
|----------------------------|-------------------|
| Edwards, Gaston A. | Bynums, N. C. |
| Foy, Virginia M. | Greensboro, N. G. |
| Friday, Britton L. | Dallas, N. C. |
| Godley, Charles W. A. | New Berne, N. C. |
| Hunter, Charles C. | Raleigh, N. C. |
| Grimes, Frances E. | Asheville, N. C. |
| Hammonds, James O. | Tarboro, N. C. |
| Lanier, Andrew J. | Salem, N. C. |
| McGuire, James E. | Wilmington, N. C. |
| Pritchett, Mamie O. | Greensboro, N. C. |
| Short, Hattie H. | Greensboro, N. C. |
| Thacker, Bertha L. | Greensboro, N. C. |
| Williams, Gilbert N. | Wilmington, N. C. |
| Yates, Berta E. | Greensboro, N. C. |

JUNIOR.

| | |
|---------------------------|------------------|
| Best, Cicero H. | Snow Hill, N. C. |
| Cheek, Willie T. C. | Warrenton, N. C. |
| Cunningham, Isaac A. | Hillsboro, N. C. |
| Curtis, Austin W. | Raleigh, N. C. |
| Joyner, James W. | Tarboro, N. C. |
| Robinson, Peter E. | Raleigh, N. C. |
| Thalley, James F. M. | Marion, N. C. |
| Watson, Adam. | Warrenton, N. C. |

SOPHOMORE.

| | |
|----------------------------|-------------------|
| Brinkley, Robert H. | Wilmington, N. C. |
| Fuller, Henderson F. | Greensboro, N. C. |
| Green, John H. | Wilmington, N. C. |
| Havens, John T. | New Berne, N. C. |
| Joyce, John C. | Salem, N. C. |
| Morrow, John M. | Greensboro, N. C. |
| Neil, Joseph P. | Winston, N. C. |
| Plummer, Eugene S. | Warrenton, N. C. |
| Quick, James R. | Laurinburg, N. C. |
| Richardson, Robert W. | Wilmington, N. C. |
| Robinson, Charles D. | Mt. Gilead, N. C. |
| Simmons, Roscoe C. | Aberdeen, Miss. |
| Thomas, Edward L. | Charlotte, N. C. |

Prizes.

PRESIDENT DUDLEY PRIZE—A prize of forty-eight dollars, payable in eight installments on board and lodging to that student who makes the highest general standing in his studies during the preceding session.

EPPS PRIZE.—Prof. Orlo Epps offers a prize of fifteen dollars to be distributed as follows: Three dollars to that member of the Junior class who does the best work in surveying; three dollars to the mechanical Junior for best work in designing and mechanics; three dollars to the Sophomore for the best work in construction and drawing; three dollars to the Freshman for the most excellent freehand drawing; three dollars to the Preparatory student for the best work in joinery and in the smith shop for the year. All prize work to be the property of the Mechanical Department.

STEVENS PRIZE.—Prof. A. T. Stevens offers a prize of fifteen dollars, which was paid in three equal installments in the following manner: five dollars each term to the student of the Agricultural course having the highest general class record.

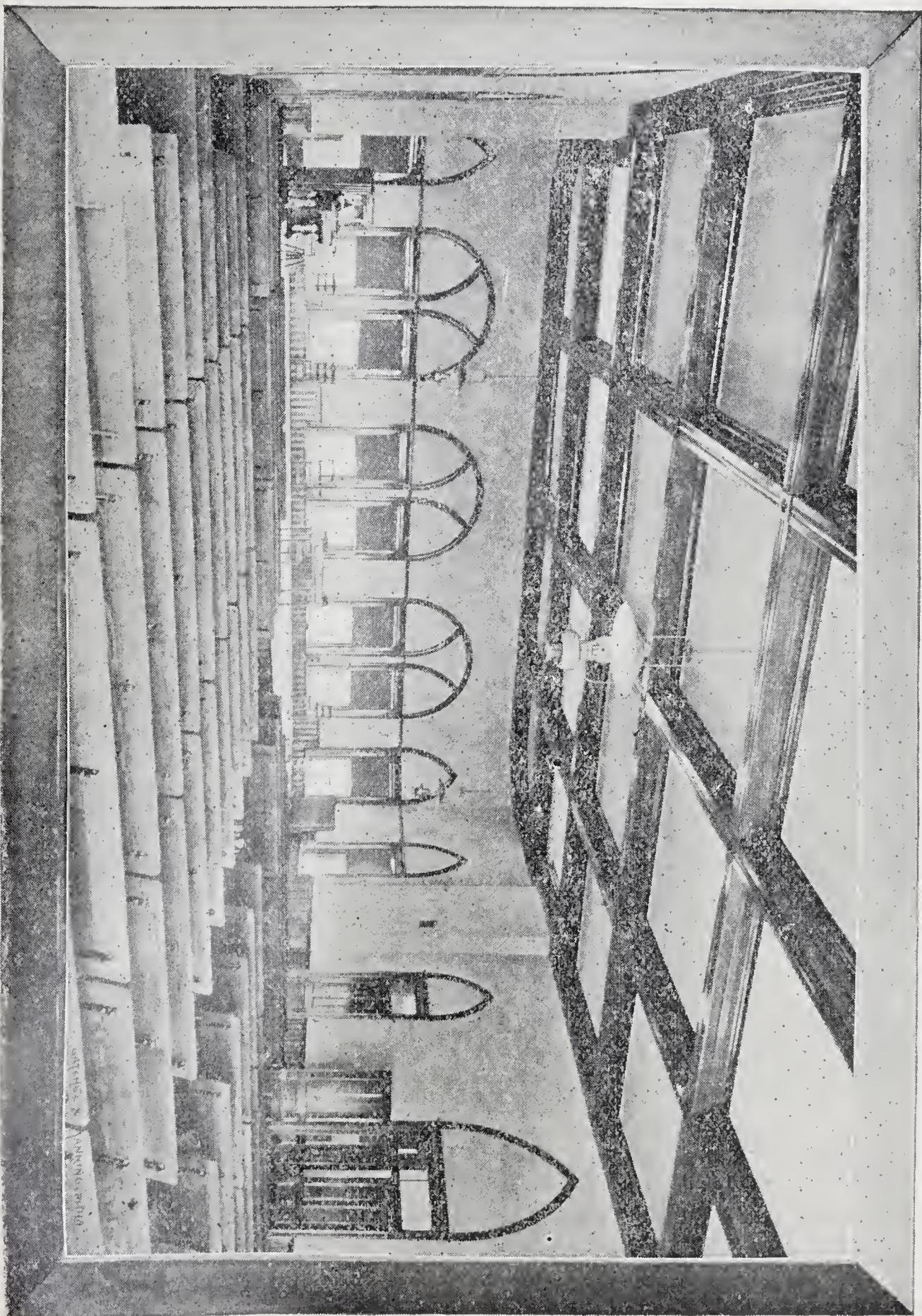
MOORE PRIZE.—Prof. C. H. Moore offers a prize of twelve dollars to be paid in eight equal installments at the end of each month of the school year, to that student who makes the highest general mark in his or her entrance examination. The following conditions govern the bestowal of this prize: first, the student wishing to enter the contest *must be present* in the preliminary examinations September 29-30, 1898, at the opening of the Fall term; secondly, the student, in order to be considered an eligible applicant for the prize, must make a general average of 75 per cent., at least, in the examination.

The Correspondence Department.

A Correspondence Department of study has been established to meet the conditions of persons unable to attend the regular sessions of the institution. Instruction will be given in all of the subjects of a regular college course—including the classics and other branches of liberal culture.

For further information address

PRESIDENT DUDLEY.



CHAPEL.

General Information.

Students desiring assistance in defraying expenses, as far as possible will be allowed to work at the rate of 5 to 12½ cents per hour, for which they can get credit each month at the time of their advance payment.

Students, upon their arrival in Greensboro, must report immediately to the President for a permit for examination and registration.

Each student, upon applying for admission, will be required to sign a pledge, binding obedience to the rules of the College. Parents and guardians are particularly requested to examine our rules and regulations, to be found on another page of this catalogue.

It will be the purpose of the College to maintain a high moral tone and to develop a broad, tolerant religious spirit among the students. In this connection there is a well organized Y. M. C. A. and Y. P. S. C. E., which meet twice a week for song and praise. A special service will be conducted in the chapel each Sunday by pastors representing the different denominations of the city. All religious services will be free from sectarianism.

On the payment of the required one dollar annual fee, each student will receive the careful attention of the College physician. By this method the best medical advice is secured at a minimum cost. The physician will make visits daily or oftener to students confined to their rooms.

There are two flourishing literary societies, which greatly stimulate the development of character and the training of the intellect. These offer facilities for practice in debate, oratory, declamation and essay writing; the members become practically familiar with parliamentary law and usage. While the Faculty, by presence and advice, will seek to encourage these societies, membership will be optional. The Faculty will also encourage the organization of Technical societies, in which special subjects, in connection with agriculture, mechanics and chemistry, will be considered in a manner conducive to independent thought and research.

Special attention will be given to vocal and instrumental music.

Students whose parents or guardians do not live in Greensboro or its immediate vicinity, will be required to room and board in the College—except when the consent of the Faculty has been secured by written request of the parent or guardian. Consent will only be given, however, when the judgment of the Faculty directs that it can be done with safety, as the College cannot, nor does it desire, to wholly rid itself of the responsibility out of school hours of the conduct of students who do not room and board in the College.

The industrial part of each course of instruction applies to all students taking a general course, *and none will be excused therefrom.*

All communications relating to the College, should be addressed to 'The President of the Agricultural and Mechanical College for the Colored Race, Greensboro, North Carolina.'

Organizations.

Military Department.

The battalion is composed of two companies and are officered as follows:

STAFF OFFICERS.

| | |
|--|------------------|
| Drill Master, | Chas. H. Evans |
| First Lieutenant and Adjutant, | J. E. Kennedy |
| Sergeant Major, | J. F. M. Thalley |
| Color Sergeant, | A. Watson |
| Color Sergeant, | G. A. Edwards |
| Color Corporal, | C. H. Hunter |
| Color Corporal, | T. W. Pakenham |

OFFICERS COMPANY A.

| | |
|---|-------------------|
| First Lieutenant, in command, | Roscoe C. Simmons |
| Second Lieutenant, | J. M. Joyner |
| First Sergeant, | R. H. Brinkley |
| Second Sergeant, | P. E. Robinson |
| Third Sergeant, | E. L. Falkner |
| Fourth Sergeant, | W. T. C. Cheek |
| Fifth Sergeant, | C. D. Robinson |
| First Corporal, | R. W. Richardson |
| Second Corporal, | R. D. Moore |
| Third Corporal, | E. S. Plummer |
| Fourth Corporal, | W. Quirn |
| Fifth Corporal, | E. L. Thomas |

COMPANY B.

| | |
|---|---------------|
| First Lieutenant, in command, | A. W. Curtis |
| Second Lieutenant, | J. R. Quick |
| First Sergeant, | J. T. Havens |
| Second Sergeant, | Jno. H. Green |

| | |
|----------------------------|------------------|
| Third Sergeant, | I. S. Cunningham |
| Fourth Sergeant, | G. N. Williams |
| Fifth Sergeant, | C. L. Bryant |
| First Corporal, | Jno. O. Plummer |
| Second Corporal, | E. Quick |
| Third Corporal, | J. Cuoton |
| Fourth Corporal, | Jno. H. Dunn |
| Fifth Corporal, | A. J. P. Holcomb |

Each male student will be required to possess the college uniform which will be composed of a blouse, trousers and cap. Parents sending their boys need not purchase suits for them, but instead send the amount of \$9.75 to purchase the college uniform, which must be used on all school duties and on leaving the college campus.

The growth of the institution made it necessary for two general literary organizations. The Wise Literary Society was disbanded during the session and two societies, representing the Agricultural and Mechanical Departments, were organized.

The Agricultural society is known as the "Eclectic Literary Society;" the Mechanical as the "Collegian." Membership is optional. The meetings are held bi-weekly.

Eclectic Literary Society.

OFFICERS.

| | |
|-----------------------------|-----------------|
| Peter E. Robinson | President. |
| Charles C. Hunter | Vice President. |
| Hattie M. Short | Secretary. |
| Annie C. Wright | Treasurer. |
| James R. Quick | Editor. |
| Alma J. Carter | Critic. |

Collegian Society.

| | |
|-------------------------------|-----------------|
| Gilbert N. Williams | President. |
| Eugene S. Plummer | Vice President. |
| Susie P. Dasher | Secretary. |
| Linnie P. Wilson | Treasurer. |
| J. F. M. Thalley | Critic. |
| Jno. T. Havens | Editor. |

Y. P. S. C. E.

The Christian Endeavor Society owes its organization to conditions which the Y. M. C. A. cannot reach. Its work is effective and far-reaching.

OFFICERS.

C. H. Best President.
 Alma J. Carter Vice President.
 Mabel G. Yarborough Recording Secretary.
 Susie P. Dasher Corresponding Secretary.
 Edgar F. Colston Treasurer.

Y. M. C. H.

OFFICERS.

A. W. Curtis President.
 Jno. T. Havens Vice President.
 Adam Watson Secretary.
 Peter E. Robinson Corresponding Secretary.
 Gaston A. Edwards Treasurer.

Athletic Association.

OFFICERS.

Willie T. C. Cheek President.
 John H. Green Vice President.
 Roscoe C. Simmons Secretary.
 Jno. T. Havens Treasurer.

Library and Reading-Room.

A large and convenient room on the second floor in the main building, has been arranged for a Library and Reading-room. The books have been purchased with great care, and new ones are being purchased from time to time.

Col. T. B. Keogh, President of the Board of Trustees, made a valuable donation of books to the Library this season.

The Reading-room and Library tables are supplied with some of the best periodicals and the leading newspapers of the State. The students of the College are allowed to borrow books, periodicals and papers under necessary limitations. The Library and the Reading-room is open every week-day from 9 a. m. to 1 p. m. and from 3 to 6 p. m.

Location.

It is most fortunate for the colored people that their A. & M. College was located in the prosperous and growing city of Greensboro. Its

unsurpassed railroad facilities place it in rapid and direct communication with nearly all sections and make it the most accessible town in the State. With the North Carolina Railroad, the Northwestern North Carolina Railroad, the main line of the Southern Railway and the Cape Fear and Yadkin Valley Railway, Greensboro is a railroad centre with twenty-six daily train arrivals and departures which add greatly to the comfort and convenience of students and the travelling public generally.

Possibly nowhere in the state do as kindly inter-racial feelings exist and as friendly an attitude on the part of the white citizens towards Negro education obtain as among the liberal-minded people of Greensboro. On every hand local sentiment is found to be kind, encouraging and responsive. Parents, educators and public men generally can possibly more confidently appreciate the friendly and liberal feeling prevailing in Greensboro, by reverting to the significant fact that when the question of subscribing \$8,000 for the location of this institution in Greensboro was submitted to its citizens but one man voted in opposition thereto.

Religious Culture.

While the college is not a denominational institution, proper attention is given to the cultivation of a broad, liberal Christian spirit. Short devotional exercises are held morning and evening of each day, which are attended by the boarding students; at 7:45 each school morning, short devotional exercises are attended by all students. In the direction of religious culture, in addition to these very brief meetings and the fuller meetings of the Y. M. C. A., during the past session we have enjoyed a splendid series of instructive and spiritual sermons, for which we are indebted to the following named reverend gentlemen:

S. S. Sevier, Congregational Church, Greensboro.

Dr. J. H. Weaver, M. E. Church, Greensboro.

L. Johnson, Baptist (white) Church, Greensboro.

S. S. Henderson, Baptist Church, Greensboro.

S. H. Witherspoon, Baptist Church, Greensboro.

J. F. Lee, A. M. E. Z. Church, Greensboro.

Jno. Schmidt, Lutheran Church, Greensboro.

P. J. Jordan, A. M. E. Church, Greensboro.

M. M. Jordan, M. E. Church, Greensboro.

Prof. J. W. Wilson, Franklinton, N. C.

LECTURES.

Mr. T. T. Fortune, editor of the "New York Age," and Bishop J. P. Handy, of Baltimore, Md., also Mrs. Rorer, of the "Ladies' Home Journal," delivered lectures during the session.

Summer School.

The first session of the Summer School, held last year, was a decided success.

An energetic body of teachers gathered from various parts of the State and spent a few days of earnest study under the guidance of faithful instructors.

Representatives of almost every grade of educational work were present. They found the rest that comes from a change of surroundings, received new inspiration, increased their fund of knowledge and went forth to work—some to new and better paying fields, some to larger salaries—all to discharge their duties with greater efficiency resulting from attendance of the Summer School.

It was the unanimous opinion of all who attended the Summer Normal and who are acquainted with the educational matters of the State that the A. & M. College presented greater opportunities for Colored teachers than they had ever before enjoyed in this State.

The management of the institution, encouraged by such results, has decided to make this department more effective and beneficent. The courses of study have been arranged so as to lead to a college degree. This feature in connection with our Correspondence Department will enable persons who are prevented from attending College during the regular session to pursue a systematic course at home and to do some real college work in the summer, thereby enabling themselves to take and hold rank with progressive minds and to increase their usefulness in their chosen profession.

In addition to the regular College Faculty a carefully selected number of specialists has been secured to deliver a course of lectures in such branches as are of greatest value to teachers in either public or private schools.

It is confidently believed that great enthusiasm and inspiration will be received by all who will avail themselves of this opportunity to hear the instruction of those who are well known as successful teachers and educational leaders.

It will be noticed that the course of instruction covers more than the ordinary summer school course in that it contains such practical subjects as drawing, manual training and elementary science. It is believed that such instruction will be given in these branches as will enable teachers to successfully introduce them in their classes and thus keep abreast of the most progressive schools.

SPECIAL INSTRUCTORS :

Dr. E. E. Smith, Principal State Normal School, Goldsboro.

C. N. Hunter, Principal Graded School, Raleigh.

W. G. Pearson, Principal Graded School, Durham, N. C.

Alexander Graham, President of N. C. Teachers' Assembly and Supt. City Schools, Charlotte, N. C.

M. C. S. Noble, member of State Board of Examiners and Supt. City Schools, Wilmington.

Other instructors will be secured.

Special lectures will be delivered by distinguished and prominent persons.

COURSES OF STUDY.

The courses of study embrace instruction in Manual Training, Writing, Spelling, Elementary Science, Drawing, Geography, History, English Language and Literature, Mathematics, Latin, Physiology, Psychology and Pedagogy.

The teachers will not only give instruction in all of the branches named, but will also give frequent and practical illustrations of the best methods of teaching them.

Special attention will be given to the branches taught in the Public and Graded Schools, also to the subjects included in the professional course for teachers as arranged by the State Board of Examiners.

TEACHERS WHO ATTENDED LAST YEAR.

| | |
|--------------------------------|------------|
| Miss E. L. Ashe | Greensboro |
| Miss A. J. Austin | Wilmington |
| Mrs. M. J. Bullock | Greensboro |
| Miss Bessie N. Boyd | Wilmington |
| Mrs. H. A. Bullock | Greensboro |
| Mrs. Jno. T. Brown | _____ |
| Mr. W. A. Clark | Greensboro |
| Mrs. S. J. Clark | Greensboro |
| Miss N. C. O'Daniels | Durham |
| Mrs. M. E. Day | Greensboro |
| Mrs. Susie B. Dudley | Wilmington |

| | |
|--------------------------|--------------|
| Mr. Jas. Dick | Greensboro |
| Miss L. B. Edwards | Greensboro |
| Mrs. Ida Emerson | Greensboro |
| Miss Maggie W. Edens | Wilmington |
| Mrs. H. H. Falkener | Greensboro |
| Mr. D. B. Greer | _____ |
| Mrs. F. A. Garrett | Greensboro |
| Mrs. Minnie Gilmer | Greensboro |
| Mrs. A. M. Hunter | Greensboro |
| Mrs. Julia Howell | Greensboro |
| Mrs. Pattie E. Headen | Greensboro |
| Mrs. F. T. Husband | Durham |
| Mrs. L. A. Hawkins | Danville, Va |
| Mrs. A. C. Johnson | _____ |
| Miss Georgia E. Jones | Greensboro |
| Rev. J. F. Lee | Greensboro |
| Mrs. S. A. Logan | Greensboro |
| Mrs. Katie McMurray | _____ |
| Miss M. E. Moore | _____ |
| Mrs. J. P. Morris | Greensboro |
| Mrs. Sallie Morgan | Reidsville |
| Mr. U. S. Mumford | Greensboro |
| Miss Mary Morrow | Greensboro |
| Miss Mildred A. Matthews | Wilmington |
| Mrs. G. M. Nelson | Greensboro |
| Mrs. E. A. Page | Apex |
| Miss M. O. Pritchett | Greensboro |
| Miss Phereby Ray | Durham |
| Miss E. N. Ray | Durham |
| Mrs. E. E. Smith | Goldsboro |
| Miss N. J. Staley | Muller |
| Miss L. B. Searcy | Reidsville |
| Miss Bertha Thacker | Greensboro |
| Miss Minerva Thacker | Greensboro |
| Miss Katie R. Truman | Durham |
| Miss Maud Washburn | Greensboro |
| Mrs. A. V. U. Williams | Greensboro |
| Miss Mattie A. Williams | Castora |
| Miss Portia J. Whitted | Durham |
| Miss Laura A. Whitted | Durham |
| Miss Addie B. Whiteman | Wilmington |
| Miss A. Lenora Williams | Wilmington |
| Mrs. Mary Yancy | Greensboro |

VISITORS.

Rev. S. H. Witherspoon,
 Rev. S. S. Sevier,
 Prof. Jno. R. Hawkins,
 Mrs. J. C. Jones,
 Prof. N. C. Bruce,

Rev. J. D. Chavis, D. D.,
 Rev. S. J. Walker,
 Prof. C. Suggs,
 Rev. J. A. Savage, D. D.,
 Prof. S. G. Atkins.

LOCATION.

Greensboro is a most excellent location for a summer school. But little west of the geographical centre of the State, it is within easy reach of all sections by railroads which run in every direction—es-

pecially favored by a great trunk line which necessitates neither change of cars nor delay.

The A. & M. College occupies a high and beautiful site in the city. Its facilities are unsurpassed.

Handsome buildings and excellent appointments added to the painstaking work of competent instructors, make the institution an ideal one for study and recreation. Teachers who attend cannot fail to be pleased with every feature of the school.

TERMS :

| | |
|---------------------|--------|
| Tuition per session | \$2.00 |
| Lodging per session | 2.00 |
| Board per session | 6.00 |

Board and lodging can be secured either at the College or in the city.

Teachers upon payment of tuition fee may take as many courses as they desire.

Arrangements will be made for reduced railroad rates. Persons expecting to attend or desiring further information are requested to address

PRESIDENT DUDLEY,
A. & M. College, Greensboro, N. C.

Rules and Regulations.

1. The signal for rising will be given at 6:00 A. M. Dressing and arranging rooms 6.00 to 6.30. Morning prayers 6.30 to 6.45 A. M. Study 6.45 to 8.15. Breakfast 8.15 to 8.45 A. M. Class work 9.00 A. M. to 1.00 P. M. Dinner 1.00 to 2.00 P. M. Class Practice Work 2.00 to 4.00 P. M. Recreation 4.00 to 6.00 P. M. Supper 6.00 to 6.30 P. M. Study 6.30 to 9.00 P. M. Prayers 9.00 to 9.30 P. M. Retiring signal 9.45 P. M. Lights out 10.00 P. M.

2. Strict attention must be given to cleanliness and deportment. Each student is required to keep his room in good order and subject to inspection at any time; and to conduct himself at all times in a gentlemanly manner. To attain and maintain a high moral standard is one of the prime objects of this institution and any student known to have vicious habits or to indulge in vulgar language will be deemed an unfit associate and expelled from the College.

3. Students shall promptly attend prayers and chapel services, and all specific recitations, class and instruction work. Tardiness, or absence from these duties will, when not excused, subject a student to demerits. Loitering within the main building by the students is prohibited.

4. Students who interrupt the quiet and order of College life by noises in or near the buildings; or who commit intentional damage to College property; or who make nuisance by throwing slops near the buildings or otherwise, will not be allowed to room on the grounds.

5. Students who persistently absent themselves from chapel and class work, or who persistently neglect College duties, or who engage in drinking, card playing or other vices; or who absent themselves from College grounds contrary to the Rules and Regulations are not regarded as desirable companions for industrious and meritorious students, and will not be allowed to continue as students in the College.

6. Students must attend some Church on Sunday morning. Parents and guardians will designate to the President of the College what Churches they wish their children or wards to attend.

7. No student will be allowed to have upon his person, in his room, or in the College buildings, or upon or in the neighborhood of the College grounds, any deadly weapon.

8. The use of tobacco, spirituous, malt or vinous liquors in any form by the students is prohibited on, or in the neighborhood of the College grounds, or in the buildings. Students are forbidden to enter any disreputable house, including places where intoxicants are sold, while absent from the College grounds.

9. Students are forbidden to go upon the roofs of buildings, or to enter or depart from buildings through windows, and they are also forbidden to enter the kitchen, store-rooms or pantry. Students are prohibited from entering the dining-room except at meal time.

10. Strict discipline will be enforced in the dining-room during meals. Students guilty of ill-mannered conduct in act or speech will be removed from the dining-room and punished for insubordination. It is made the duty of the Matron to observe students during meals; instruct them in table manners, and report to the President of the Board of Trustees and also to the President of the College, bad conduct of any kind or nature in the dining-room, with the name or names of the student or students.

11. It is forbidden students to receive visitors in the dormitory building. At all times the students shall deport and express themselves respectfully towards the Faculty and every member of it, and also towards their fellow-students. Any deficiency in this particular will be punished. A student failing to respond to reasonable demands made by any member of the Faculty shall be held guilty of contempt of authority and punished accordingly. No student will be retained after he has received one hundred demerits in one year.

By order of

THE BOARD OF TRUSTEES.

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