

THE COLLEGE BUILDING.

CATALOGUE
OF THE
STATE COLLEGE,
FOR
COLORED STUDENTS.
DOVER, DELAWARE.
1895=6.

CALENDAR.

FALL TERM 1895.

October 1 Examinations for Admission
 October 1 First term begins Tuesday evening
 December 19, 20. Examinations
 December 20 First term closes

WINTER TERM 1896.

January 1 Second term begins Wednesday evening
 March 19, 20 Examinations
 March 20 Second term closes

SPRING TERM 1896.

March 23 Third term begins
 May 25, 26, 27 Annual Examinations
 May 28 Commencement

BOARD OF TRUSTEES.

HON. CHARLES B. LORE, LL. D., President . . . Wilmington
 HENRY C. CONRAD, ESQ., Secretary and Treasurer, Wilmington
 HON. WILSON T. CAVENDER Smyrna
 GEORGE W. MARSHALL, A. M., M. D Milford
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 WILLIAM C. JASON, *ex-officio* Dover

PRUDENTIAL COMMITTEE.

HENRY P. CANNON, WILSON T. CAVENDER,
 WILLIAM C. JASON.

FACULTY.

REV. WILLIAM C. JASON, A. M., B. D., President.
 Greek, Latin, Mental and Moral Science,
 English Classics.

SAMUEL L. CONWELL, A. B., Secretary.
 Common English Branches, Agriculture,
 Biology.

PROFESSOR LORENZO D. HILELAND, Librarian.
 Mathematics, Physics and Superintendent of Industrial
 Department.

Students.

SOPHOMORE CLASS.

Aiken, John Boyken	Lincoln, Del
Conaway, Jeremiah M.	Georgetown, Del
Dutton, Sarah Addie	Dover, Del
Dutton, Rachel Ann	"
Moliston, Emma L.	"
Stevenson, John Henry	Kirkwood, Del
Webb, Martin Wesley	Centreville, Md
Weston, John Benjamin	Dover, Del

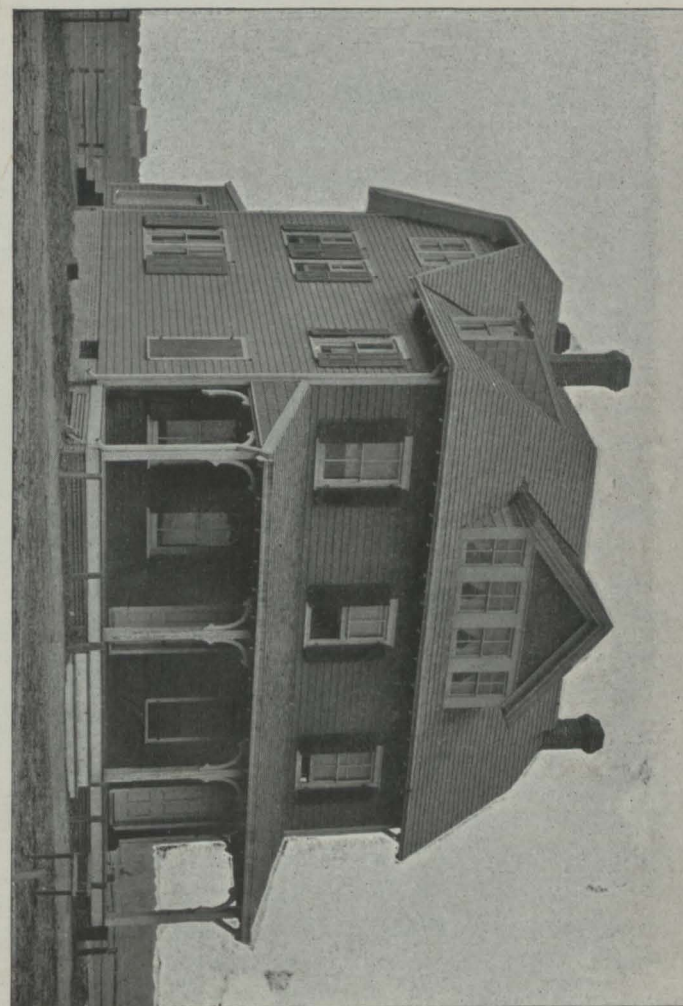
FRESHMAN CLASS

Brisco, Martha Ann	Cheswold, Del
Dennis, Rufas Quiney Washington	Easton, Md
Dutton, Bessie Arena	Dover, Del
Johnson, Siebert	"
Johnson, Reuben Anthony	Vioia, Del
Jones, James Raymond	Laurel, Del
Patten, William Henry	Marydell, Md
Robinson, Amanda	Dover, Del
Woodward, Thomas Ferrell	Leipsic, Del
Young, Howard Day	Argo, Del

PREPATORY.

Anderson, Harvey	Dover, Del
Fisher, Howard Elbert	"
Gibbs, Herbert Postles	Camden, Del
Harper, Charles Franklin	Dover, Del
Harris, Charles William	Leipsic, Del
Laws, Julius Baker	Dover, Del
Roach, Daniel Emery	"
Sammons, Westey Corsa	Cheswold, Del
Weston, Sarah Virginia	Dover, Del
Young, Jacob Robert	Argo, Del

THE PRESIDENT'S HOME.



History and Resources.

The State College for Colored Students has been established under the Act of Congress of 1890, and under the act of the Delaware Legislature of May 15, 1891. By the former act money is appropriated to the several States which "shall establish and maintain" colleges of agriculture and the mechanic arts. By the act of Delaware this money is appropriated to Delaware College, at Newark, and to the State College for Colored students, the latter receiving one-fifth of the amount. This gives us for the coming collegiate year \$4,200. This sum will be gradually increased until it shall reach \$5,000 annually. The act of Congress stipulates that the money appropriated by it shall "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 application in the industries of life, and to the facilities for such instruction." Land cannot be purchased nor buildings erected with this money. The Legislature of Delaware accordingly appropriated the money for these purposes; \$8,000 in 1891 and \$1,000 in 1893. It stands pledged by the terms of its acceptance of the Federal appropriation to "maintain" the college—to provide from time to time money to supply its necessities.

The college is located two miles north from Dover, the State capital, on the Loockerman farm, a tract of about one hundred acres. The facilities for instruction

are an ample equipment of chemical and philosophical apparatus of modern and approved character and a workshop which is amply fitted up with tools and machinery for teaching the industrial arts. These include a large boiler and engine, lathe, drill, press, shaper, forges and carpenter's benches, with the necessary tools for iron and wood working, and a set of farrier's tools. A plant for electric light has also been installed. The shop will be opened at the beginning of the fall term, under the charge of a competent instructor, and will be kept running throughout the college year. Thus facilities are afforded for acquiring skill in the trades—carpentry, blacksmithing, carriage making, etc.

The farm not only furnishes adequate facilities for instruction in the various branches of agriculture and horticulture, but also provides labor for the industrious student, who by this means and the long summer vacation, may earn a large part of his expenses by his own exertions during the college course.

The library contains several hundred volumes, selected with special reference to the needs of the student; and additions will be made to it, from time to time, of the best and most useful modern books.

Courses of Study.

CLASSICAL.

FRESHMAN.

First Term—Latin 5, Algebra 5, Physical Geography, Anatomy.

Second Term—Latin 5, Algebra 5, Geometry 5, Botany, Anatomy.

Third Term—Latin 5, Geometry 5, Botany, History (English.)

SOPHOMORE.

First Term—Latin 5, Greek 5, Geometry 5, History.

Second Term—Latin 5, Greek 5, Trigonometry 5, Chemistry.

Third Term—Latin 5, Greek 5, Trigonometry 5, Chemistry, General History.

JUNIOR.

First Term—Latin 5, Greek 5, Physics 5, Moral Science.

Second Term—Latin 5, Greek 5, Physics 5, Mental Science.

Third Term—Latin 5, Greek 5, Physics 5, Logic.

SENIOR.

First Term—Latin 5, Greek 5, Natural Science, English Literature, U. S. Constitution.

Second Term—Latin 5, Greek 5, Political Economy 5, English Literature, Mental Science.

Third Term—Latin 5, Greek 5, Logic, History of Civilization, Moral Science.

SCIENTIFIC.

FRESHMAN.

First Term—Arithmetic 5, Rhetoric 5, Anatomy, Physical Geography.

Second Term—Arithmetic 5, Algebra 5, Anatomy 5, Botany, English Analysis.

Third Term—Algebra 5, Biology 5, Botany, English Analysis, History (English.)

SOPHOMORE.

First Term—Algebra 5, Geometry 5, Zoology, English Classics, Latin.

Second Term—Geometry 5, Chemistry 5, Comparative Anatomy, Latin.

Third Term—Chemistry 5, Geometry 5, Mineralogy, Latin, General History.

JUNIOR.

First Term—Trigonometry 5, Chemistry 5, Surveying, Physics, Latin or French.

Second Term—Physics 5, Mental Science 5, Entomology, Latin or French.

Third Term—Physics 5, Logic, Entomology, Latin or French.

SENIOR.

First Term—Geology 5, Chemistry 5, U. S. Constitution, English Literature, Latin, Natural Science.

Second Term—Chemistry 5, Political Economy 5, English Literature, Latin, Mental Science.

Third Term—Chemistry 5, Logic 5, Entomology, Latin, Moral Science.

AGRICULTURAL.

FRESHMAN.

First Term—Arithmetic 5, Rhetoric 5, Anatomy, Physical Geography.

Second Term—Arithmetic 5, Algebra 5, Anatomy 5, Botany, English Analysis.

Third Term—Algebra 5, Botany 5, Biology, English Analysis, History (English.)

SOPHOMORE.

First Term—Algebra 5, Geometry 5, Zoology, English Classics, Latin.

Second Term—Geometry 5, Chemistry 5, Comparative Anatomy, Latin.

Third Term—Chemistry 5, Geometry (Analytical) 5, Mineralogy, Latin, General History.

JUNIOR.

First Term—Trigonometry 5, Chemistry 5, Surveying, Latin or French.

Second Term—Chemistry 5, Entomology, Breeding, Latin or French.

Third Term—Chemistry 5, Entomology, Draining, Feeding, Latin or French.

SENIOR.

First Term—Geology, Vegetable Physiology and Pathology, English Literature, U. S. Constitution.

Second Term—Dairying, Political Economy, English Literature, Microscopic Botany.

Third Term—Fruit Culture, Horticulture, Physics of the Soil, Microscopic Botany.

ENGINEERING.

FRESHMAN.

First Term—Arithmetic 5, Rhetoric 5, Anatomy, Physical Geography.

Second Term—Arithmetic 5, Algebra 5, Anatomy 5, Botany, English Analysis.

Third Term—Algebra 5, Botany 5, Biology, English Analysis, History (English.)

SOPHOMORE.

First Term—Algebra 5, Geometry 5, Zoology, English Classics, Latin.

Second Term—Geometry 5, Chemistry 5, Comparative Anatomy, Latin.

Third Term—Chemistry 5, Analytical Geometry, Mineralogy, Latin, General History.

JUNIOR.

First Term—Trigonometry 5, Mechanics 5, Surveying, Engineering, Physics.

Second Term—Physics 5, Mechanics 5, Calculus 5, Mechanical Drawing.

Third Term—Physics 5, Calculus 5, Strength of Materials, Mechanical Drawing.

SENIOR.

First Term—English Literature, U. S. Constitution, Steam Engineering, Descriptive Geometry.

Second Term—English Literature, Political Economy, Steam Engineering, Descriptive Geometry.

Third Term—History of Civilization, Hydraulics, Machine Designs, Strength of Structures.

REMARKS ON THE COURSES.

The minimum of work for any student is three studies averaging fifteen periods per week. Students in regular course, however, are required to take four subjects of five periods each, or their equivalent.

Each course contains a variety of subjects carefully selected with a view to securing the most practical outline of a thorough and liberal education. The distinctive features of the several courses are so arranged that some one line of study and investigation must be pursued carefully and consecutively. This insures the necessary mental discipline and gives also special preparation for the chosen occupation or profession.

All the courses, except the classical, are alike in their essential features during the first two years. By this arrangement the student is allowed a longer time to decide upon which course he will pursue. Changes from one course to another will not be permitted during the term. When a change is made the student must give satisfactory evidence of his proficiency in the previous studies of the course he finally adopts.

In addition to the work indicated in the schedules, all male students are required to take a course in shop work, or its equivalent in special educational work in agriculture and horticulture. Male students will also be required to receive instruction in military science or tactics unless excused by special arrangement with the faculty.

Laboratory practice and experimentation are prominent features of all instruction in botany, zoology, chemistry and physics. English composition and

declamation are regular requirements during the Freshman and Sophomore years, and essays and orations during the Junior and Senior years.

DEGREES.

The classical course leads to the degree of *Bachelor of Arts*; the engineering course to the degree of *Bachelor of Engineering*; the Agricultural course to the degree of *Bachelor of Agriculture*; and the Scientific course to the degree of *Bachelor of Science*.

OUTLINE OF INSTRUCTION.

THE CLASSICS.

The Classical course is the acknowledged standard for all who desire the advantages of the best collegiate training. The fact that it is considered the most difficult makes it also the most desirable to the student who is not compelled to enter at once upon some line of special work. It is the purpose to make this course as thorough and extended as circumstances will permit. Greek and Latin are its prominent features, but English will form an important part of the instruction in this as in all the other courses.

THE SCIENTIFIC COURSE.

The Scientific course has been arranged to accommodate the large number who prefer to spend all the time upon such subjects as are universally regarded as of practical utility, or as indispensable to a liberal education.

AGRICULTURE.

The history of Agriculture will be taught in connection with the topics under discussion.

For example:

When treating of the breeds of cattle the history of these animals will be studied, and so of dairying, of tillage or other subject. The history of the art will be studied and how it has reached its present position will be shown. The science of Botany, Entomology and Geology will be studied with special reference to their bearing upon agriculture. The application of mechanics to the operations of the farm will be pointed out, especially in their relation to farm implements. Physics will be studied in its applications to soil and climate; the relation of heat and moisture to crops and to tillage. As far as practicable the lessons learned in the classroom will be applied on the farm. Among the purely agricultural subjects are: Breeding—the history and characteristics of breeds, their adaptation to the varying conditions of soil and climate and other environments; the study of forms of animals as exemplified by the best breeds on the farm or in the neighborhood; general principles governing development; the laws of heredity; atavism correlation of the development of parts; and various other topics. General Farm Management—rotation of crops; soil fertility and fertilizers; farm buildings. Feeding Animals—the general laws of nutrition; the best ration for different animals and for different purposes; composition and value of feeding stuffs. The general principles of the propagation of plants by buds and seeds; budding, grafting, layering,

etc.; the production of improved varieties. The Orchard—special treatment of different kinds of fruit trees; pruning; gathering, storing and marketing fruits. Small fruit culture; soil, manures, varieties. The vegetable garden; ornamental plants; floriculture; greenhouse management.

The appliances for giving instruction consists of a farm of nearly one hundred acres, with orchards and small fruit plantations and a greenhouse. These will be improved and increased in extent and the greenhouse enlarged as conditions demand. Students will have the advantage of being instructed in the methods of these improvements, and will assist in making them.

Students are given the opportunity to labor at ordinary farm work to a limited extent and are paid fair wages for this labor. Farm and garden work that is chiefly educational in character is required without compensation.

ENGLISH.

The art of speaking the English language fluently and correctly is one of the most important and valuable, and the study of English may be made the equal of any other study in disciplinary or developing power. It should be as serious and as informing as the study of Latin. The results of such study, however, depend in a large measure upon the student's knowledge of other things. Its study must go hand in hand with other subjects. Other languages are especially helpful. For these reasons English extends throughout the whole course, not always as a separate study, but in connec-

tion with all subjects. English Literature is placed in the last year and is required in all the courses. The aim is to give the student an intimate acquaintance with some of the masterpieces of the language and a familiarity with the lives and thoughts of the authors of these masterpieces. The mere memorizing of the names of the authors who are never read, or the reading of criticisms upon works which the student has never seen, is a waste of valuable time.

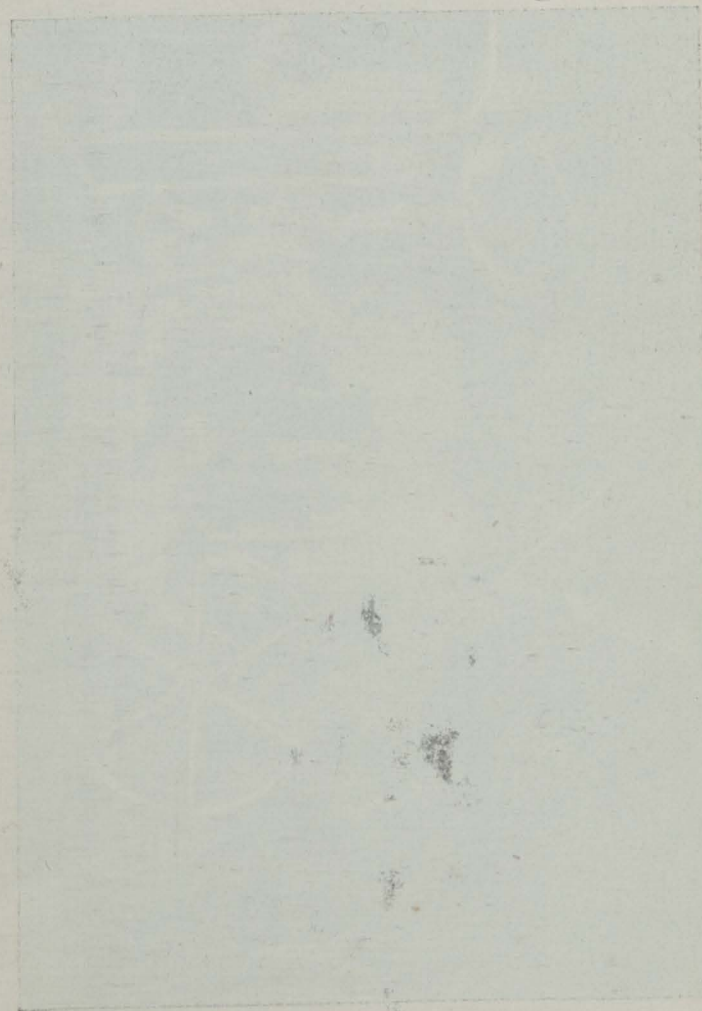
INDUSTRIAL DEPARTMENT.

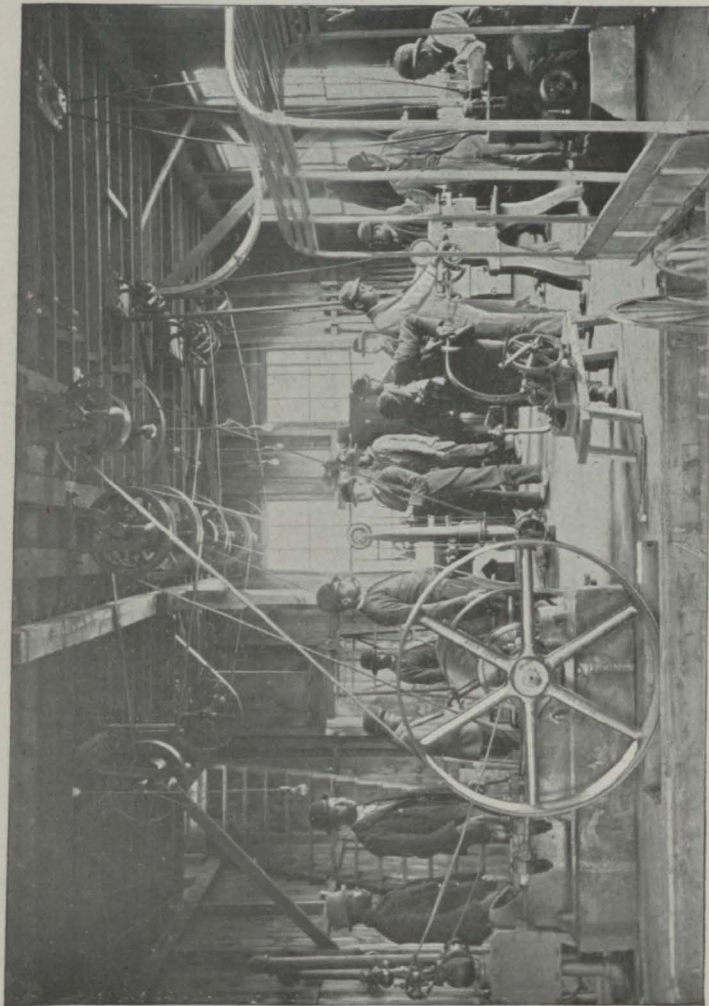
The best education is that which develops most completely the whole man, and places at his command the entire resources of his nature. There is no part of an education more important in this development than manual training. The mere association of the workshop is of great importance to the student because he is there brought into contact with a variety of materials, tools and machinery. In view of the many changes that are constantly taking place in every department of labor it is especially important that the knowledge of some trade be taught in connection with every literary and scientific course. No course should be considered complete that does not embody some form of industrial training.

This department is a part of the regular requirements of all courses, but at present is open to young men only. The shop has been well equipped. The facilities for instruction are a large two-story workshop equipped with the most modern and improved tools and machinery. These include a 60-horse power boiler, an engine, machine lathe, planing machine, jig saw,

circular saw, woodworking tools, blacksmith and farrier tools and complete set of carpenter tools and workbenches. The course covers two years. After this is completed those who wish to advance to greater proficiency in any one trade will be given special advantages. Four hours in every month are devoted to lectures and experiments, and thus theory and practice are combined, and the practice is devoted to making actual productions for the use of the college or for market.

Students in the shop are graded as in other recitations. Abuse of tools or waste of materials affects the average.





INTERIOR VIEW OF WORKSHOP.

COURSES IN WORKSHOP.

Woodworking includes the general principles of cabinet work, house carpentry, wood turning and carving, and carriage making.

FIRST YEAR.

First Term—Learn the names, use, and care of tools, selection of material, marking, sawing, planing, squaring, boring and cutting plain mortises.

Second Term—Campferring, jointing, laying out and cutting mortises and tenons at different angles, mitering, cutting, moulding, planing, sand papering and finishing surfaces for paint, hard oil, varnish, etc.

Third Term—Making glued joints, laying out and cutting double and single dovetails, building book cases, tables, washstands, towel racks, center tables, wheelbarrows, etc. Use of paints, oils, filling.

SECOND YEAR.

First Term—Building plain bodies and gear for light wagons.

Second Term—Paneled body making.

Third Term—Wood turning and scroll designing.

IRON WORKING.

FIRST YEAR.

First Term—Names and use of tools; building and care of fire; drawing, squaring, rounding, bending; making staples, hooks, hasps, bolts, etc.

Second Term—Upsetting; plain and curved welding; jump welding and tool making.

Third Term—Tool making continued; ironing wheelbarrows, etc.

SECOND YEAR.

First Term—Ironing farm wagons.

Second and Third Term—Machine work, as turning bolts, rods and different parts of machinery, thread cutting, shaping, drilling, care and general principles of iron working machinery.

GENERAL INFORMATION.

GIRL STUDENTS.

Arrangements have been made by which a limited number of girls will be accommodated in the President's house.

TERMS OF ADMISSION.

Applicants for admission must be at least fourteen years of age, and be able to pass a satisfactory examination in reading, writing, spelling, arithmetic, English grammar, and history of the United States. Applicants for admission to the classical course must also be examined in rhetoric, algebra to quadratics, and in English classics.

EXAMINATIONS.

Examinations are held at the beginning of the school year, but students may enter at any time during the term and are assigned to such classes as they are qualified to enter after special examination.

Students leaving school before the end of any term are not advanced in the studies pursued by their classes without a thorough examination.

The average standing of the student is obtained by grading on a scale of 100, and the average in any study in recitations and examinations must be at least 60, or the student is not allowed to pass.

EXPENSES.

Tuition is free to all Delaware students. Those from other States, unless admitted by special arrangement, will be charged for tuition \$8 for the first term, \$6 for the second term, and \$6 for the third term. ✓

A matriculation fee of \$2 is charged each student upon entering college.

Board is furnished at the college at a cost not exceeding \$2 per week.

Rooms furnished with beds, bedding, chairs, table and mirror, are free.

The total necessary expense is limited to about \$8 per month.

Students doing laboratory work will be required to pay a small sum for materials used in experiments.

Day students are charged 25 cents per week for incidental expenses.

All bills are payable monthly in advance.

DUTIES AND PRIVILEGES.

The rules are few and simple. Decorous deportment is required of all persons at all times. Students who board at the College are not allowed to leave the premises without permission and no student may be absent from recitations without an excuse. Classes are in session five days in the week, and laboratory work may be required on Saturday forenoons. Chapel exercises are held every school day morning and Sunday School every Sabbath. Students are allowed the free use of the library books under proper restrictions and of the

READING ROOM.

The following newspapers are sent free of charge by the publishers: *Every Evening*, *Morning News* and *Farm and Home*; of Wilmington; the *Record* and *Farm and Home*, of Philadelphia. The *Newark Ledger*; the *New Era* and *Transcript*, of Middletown; the *Smyrna Times*; the *Clayton Call*; the *Delawarean*, *Index* and *Sentinel* of Dover; The *News* and *Advertiser*, *Chronicle* and *Herald* of Milford; the *Sussex Journal* and *Sussex Republican* of Georgetown. The *Colored American*, of Washington, D. C., *Aggressive Presbyterian*, of N. Y.

PRIZES.

As a reward of diligence and an encouragement to industry prizes will be awarded as follows:

Scholarship prize to the student who maintains the highest average in all studies.

For excellence in agriculture.

" " " Mechanic Arts.

" " " Mathematics.

For the best English Oration.

" " " Declamation.