

E. Conover.

CIRCULAR
OF
DELAWARE COLLEGE

Newark, Delaware.

1871.



PHILADELPHIA :
QUINN, PRINTER, S. W. COR. THIRD AND MARKET STS.

1871.

28 students

DELAWARE COLLEGE.

July 17th, 1871.

THE BALTIMORE FEMALE COLLEGE, under the Presidency of N. C. Brooks, LL. D. has been very successfully conducted, and is an excellent literary institution.

W. H. PURNELL.



Baltimore Female College.

This Seminary of learning, instituted for the liberal education of young ladies, was created a College proper by the Legislature of Maryland in 1849, with authority to confer degrees, and endowed with all the rights and privileges of the most favored female colleges in the country. In 1869 it was liberally endowed by the State.

LOCATION AND APPOINTMENTS.

It is situated on St. Paul Street, in a retired and pleasant neighborhood, and has cost for its buildings, apparatus, furniture and appointments, \$70,000. It has a good Library, Chemical and Philosophical Apparatus, and valuable Cabinets of Mineral Gems, Coins, and Medals, with a Painting Gallery of considerable extent.

DEPARTMENTS OF INSTRUCTION.

There are two Departments in the institution, the PREPARATORY DEPARTMENT, and the COLLEGIATE DEPARTMENT, with their appropriate branches. The course of study in the former is for three years, designated by as many different classes; in the latter, four years.

COURSE OF INSTRUCTION.

The course of instruction is intended to develop the intellectual, social and moral faculties, and by imparting a thorough, practical and accomplished Christian education, fit the pupil for the faithful discharge of the responsible duties that await her in life. It embraces Moral and Mental Philosophy, English and Belles-Lettres, Mathematics and Natural Science, the Ancient and Modern Languages, with Music, and the other usual ornamental branches.

PATRONAGE.

The College enjoys a liberal patronage from the different counties in Maryland, the District of Columbia, Illinois, Virginia, North Carolina, South Carolina, Georgia, Alabama, Mississippi, Louisiana, Texas, New Mexico, and California. Of 221 Graduates of the College, 82 have become teachers, and are in lucrative positions in Female Colleges, High Schools, Academies, &c.

ANNUAL SESSION.

The twenty-fourth annual session will open on the second Monday in September, 1871.

EXPENSES.

The annual expenses for board and tuition will be from \$250, to \$500, according to the studies pursued.

FACULTY OF INSTRUCTION:

Prof. N. C. BROOKS, LL. D., Ancient Languages,
*Prof. W. C. TRUEHEART, A. M. Mathematics, &c.
Prof. Signor C. GOLÀ, Inst. and Vocal Music.
Prof. LOUIS LAUER, German.
Prof. E. VAN REUTH, Painting and Drawing.
Prof. T. L. GALLEHER, Singing in Classes.

*Mrs. SARAH C. TRUEHEART, Belles-Lettres, &c.
Miss EDDIE LEE HILLYARD, English and History.
Mad'e C. U. CHAFFEE, of Paris, French.
Mrs. E. A. POLSTER, Piano and Guitar.
*Miss JENNIE DARE APPERSON, Piano and Sing.
Miss SARAH E. ALCORN, Matron.

For Catalogues, or any information, address

N. C. BROOKS, President.

*Late of the Wesleyan Female Institute, Staunton, Va.

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HON. WILLIAM H. PURNELL,

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WILLIAM H. PURNELL, A. M.

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EDWARD D. PORTER, A. M.

Professor of Agriculture, Natural Philosophy, and Civil Engineering.

* Professor of Mathematics.

WILLIAM D. MACKEY, A. M.

Professor of Ancient Languages, and Classical Literature.

CHARLES P. WILLIAMS, A. M.

Professor of Chemistry, Geology, and Natural History.

JULES MACHERET, A. M.

Professor of Modern Languages, and Military Science.

Instructor in German.

JAMES L. BEGGS,

Instructor in Vocal and Instrumental Music.

Librarian,

* This chair is filled for the present by PROF. EDWARD D. PORTER.

Under Graduates. = 28

As the College has been in operation but one year since its re-organization, this circular will contain only the names of the Freshman Class. Those students whose names are marked with a star, (*) were in the first Class in Scholarship, Conduct, Application and Attendance, through the entire collegiate year.

BISHOP, AUGUSTUS H.	<i>Berlin, Md.</i>
BLACK, SAMUEL H.	<i>New Castle, Del.</i>
BLACKWELL, THEODORE,	<i>McClellandsville, Del.</i>
BROWN, ARTHUR W.	<i>Wilmington, Del.</i>
BUSH, JAMES H. J.	<i>Wilmington, Del.</i>
BUSH, LEWIS P.	<i>Wilmington, Del.</i>
CAULK, THOMAS MCD.	<i>Newark, Del.</i>
CHEYNEY, GEORGE,	<i>West Philadelphia, Pa.</i>
CLOAK, E. MORRIS,	<i>Smyrna, Del.</i>
COLVIN, HARRY W.	<i>Baltimore, Md.</i>
DAVIS, HARRY,	<i>Middletown, Del.</i>
ELLISON, JAMES V.	<i>Kirkwood, Del.</i>
EMERSON, GOUVERNEUR,	<i>Slaughters, Del.</i>
*EVANS, ROTHWELL H.	<i>Middletown, Del.</i>
*HUSTON, J. NEWTON,	<i>New London, Pa.</i>
MACKAY, W. D. ARMSTRONG,	<i>New London, Pa.</i>
*MARSHALL, GEO. W.	<i>Milford, Del.</i>
*MARTIN, WILLIAM R.	<i>Snow Hill, Md.</i>
MCCABE, EDWARD H.	<i>Dagsboro, Del.</i>
MEARNS, JAMES A.	<i>Brick Meeting House, Md.</i>
MOTHERALL, NATHAN M.	<i>Newark, Del.</i>
MUMFORD, JOHN W.	<i>Dagsboro, Del.</i>
SAVILLE, BYARD,	<i>Wilmington, Del.</i>
STUCKERT, JOHN C.	<i>St. Georges, Del.</i>
TOMLINSON, THOMAS C.	<i>Frederica, Del.</i>
VALLANDIGHAM, EDWARD N.	<i>Newark, Del.</i>
WEBSTER, LEROY C.	<i>Wilmington, Del.</i>
WILLIAMSON, ALEXANDER F.	<i>Newark, Del.</i>

Academical Department. - 1904

ADAMS, CHARLES E.	<i>New York.</i>
ARBUCKLE, PAUL T.	<i>Cherry Hill, Md.</i>
BALDERSTON, OLIVER H.	<i>Newark, Del.</i>
BEESON, FRANKLIN,	<i>Newark, Del.</i>
BIGGS, ABRAHAM,	<i>Summit Bridge, Del.</i>
BLANDY, CHARLES G.	<i>Newark, Del.</i>
BRADLEY, WALTER,	<i>Newark, Del.</i>
CAMP, EDWARD B.	<i>Indiana Co. Pa.</i>
CANN, EDWARD R.	<i>Kirkwood, Del.</i>
CHEYNEY, JOSEPH,	<i>Philadelphia, Pa.</i>
CHILLAS, RICHARD B.	<i>Roseville, Del.</i>
CHOATE, S. RAYMOND,	<i>Newark, Del.</i>
CLAYTON, MACOMB,	<i>Middletown, Del.</i>
CLAYTON, JOSHUA,	<i>Middletown, Del.</i>
COLVIN, GEORGE W.	<i>Baltimore, Md.</i>
CORNOG, WILLIAM R.	<i>Newark, Del.</i>
CURTIS, CHARLES M.	<i>Newark, Del.</i>
CURTIS, WALTER C.	<i>Nonantum Mills, Del.</i>
CURTIS, WILLIE F.	<i>Newark, Del.</i>
DEVINE, WILLIAM J.	<i>Wilmington, Del.</i>
ENOS, JAMES C.	<i>Philadelphia, Pa.</i>
GRAHAM, J. LORD,	<i>Camden, Del.</i>
GREEN, THOMAS,	<i>Hazletville, Del.</i>
HAMILL, WILLIE S.	<i>Newark, Del.</i>
HEARN, WILLIAM T.	<i>Laurel, Del.</i>
HORSEY, JAMES C.	<i>Greensboro, Md.</i>
LAWS, WILLIE C.	<i>Newark, Del.</i>
LLOYD, JOHN B.	<i>Wilmington, Del.</i>
LUMB, THOMAS,	<i>Newark, Del.</i>
MACKEY, DANIEL H.	<i>Newark, Del.</i>
MORRISON, JAMES A.	<i>Wilmington, Del.</i>
MUSE, JAMES S.	<i>Cambridge, Md.</i>
NAUDAIN, JOHN M.	<i>Mt. Pleasant, Del.</i>
PONTIER, CHARLES E.	<i>Baltimore, Md.</i>

RUTH, ALFRED B.	<i>Christianna, Del.</i>
RAMBO, JOHN B.	<i>Newark, Del.</i>
SINGLES, PERRY D.	<i>Newark, Del.</i>
SPRINGER, FRANK L.	<i>Loveville, Del.</i>
STONE, HARRY G.	<i>Newark, Del.</i>
WARBURTON, JAMES F.	<i>Cecil Co. Md.</i>
WEBBER, THOMAS,	<i>Christianna, Del.</i>
WILSON, WILBUR T.	<i>Newark, Del.</i>
WRIGHT, HUGHES B.	<i>Newark, Del.</i>
ZIMMERMAN, E. M.	<i>Newark, Del.</i>



Classical Course.

ADMISSION. Candidates for admission to the Freshman Class must be at least fourteen years of age, must give satisfactory evidence of good moral character, and must sustain an examination in the following studies, viz: *Arithmetic, Geography, English Grammar, History of the United States, Elements of Algebra, Latin and Greek Grammar, Greek Reader and the First two books of Xenophon's Anabasis, Latin Reader, Sallust or Cæsar, Cicero's Select Orations, and Virgil*—or what shall be deemed equivalent. For admission to an advanced class, the candidate must sustain an examination in the Studies pursued by that class.

The Course of Study in this Department will extend through four years. Students who have completed it, will be entitled to a Diploma conferring the degree of Bachelor of Arts.

COURSE OF INSTRUCTION.

Freshman Class.

- | | | |
|-----|---|---|
| I. | { | Algebra, |
| | { | Livy begun. Latin Prose Composition. |
| | { | Ancient History. Rhetoric. |
| | { | Xenophon's Anabasis. Classical Geography. |
| | { | Anatomy. Laws of Health. (Lectures.) |
| II. | { | Algebra, finished. Geometry, begun. |
| | { | Livy. Latin Prose Composition. |
| | { | Ancient History. Rhetoric. |
| | { | Homer's Iliad. Classical Geography. |
| | { | Anatomy. Physiology. Laws of Health. |

- III. { Geometry, five books.
 Horace, begun. Roman Antiquities.
 Modern History. Rhetoric.
 Homer's Iliad. Latin Composition.
 Anatomy. Physiology. (Lectures.)

Sophomore Class.

- I. { Geometry, finished and reviewed.
 Horace, finished. Greek Prose Composition.
 Xenophon's Memorabilia. Greek Antiquities.
 Philosophy of English Language. Study of Words.
- II. { Trigonometry. Mensuration.
 Cicero de Amicitia and de Senectute.
 Herodotus. Greek Composition and Antiquities.
 English Literature.
- III. { Surveying and Navigation. Field Practice.
 Cicero de Officiis. Greek Antiquities.
 Herodotus, finished. Greek Composition.
 Logic. Elements of Criticism.

Junior Class.

- I. { Analytical Geometry.
 Tacitus. Demosthenes de Corona.
 Science of Government.
 Natural Theology. Evidences of Christianity.
 Natural Philosophy, begun.—Mechanics.
- II. { Differential Calculus.
 Tacitus. Greek Tragedies.
 Mental Philosophy.
 Natural Philosophy.—Mechanics of Fluids.
- III. { Integral Calculus.
 Andria of Terence. Clouds of Aristophanes.
 Moral Philosophy.
 Natural Philosophy.—Acoustics and Optics.

Senior Class.

- I. { Greek Literature.
 Political Economy.
 Astronomy.
 Electricity, Statical and Dynamical.
 Botany. Zoology. Comparative Anatomy.
 Chemistry. Laboratory Practice.
- II. { Latin Literature.
 Butler's Analogy.
 Magnetism. Principles of Telegraphy.
 Botany. Zoology. Physical Geography.
 Chemistry. Laboratory Practice.
- III. { Comparative Philology.
 Constitution of United States. International Law.
 Electro-Dynamics. Electro Plating and Gilding.
 Botany. Zoology.
 Chemistry.—Lectures on Geology. Laboratory Practice.

Throughout the entire course, Greek Testament every Monday morning, and weekly exercises in English Composition, Declamation, and Extemporaneous Speaking.



Scientific Course.

ADMISSION. Candidates for admission into the Junior Class of this Department, must be fourteen years of age; must produce testimonials of good moral character; and must sustain an examination in *English Grammar, Geography, Arithmetic, the Elements of Algebra, History of the United States*; and, in general, in such branches as form the basis of a complete English education, without which, no student can reap the proper advantages of this course. For admission to an advanced class, the candidate must sustain an examination in the studies pursued by that class.

This course of study will embrace three years. Students who have completed it will be entitled to a diploma, conferring the degree of Bachelor of Philosophy.

COURSE OF INSTRUCTION.

Junior Class.

- | | | | |
|-----|---|-------------------------------|----------------------------------|
| I. | { | Algebra. | |
| | | Ancient History. | Rhetoric. |
| | | Chemical Physies. | Inorganic Chemistry. (Lectures.) |
| | | Botany. | |
| | | Anatomy. Physiology. | Laws of Health. (Lectures) |
| | | French or German. (Optional.) | |
| II. | { | Algebra, finished. | Geometry, begun. |
| | | Ancient History. | Rhetoric. |
| | | Chemical Physies. | Inorganic Chemistry. (Lectures.) |
| | | Botany. | Mineralogy. Laboratory Practice. |
| | | Anatomy. Physiology. | Laws of Health. (Lectures.) |
| | | French or German, (Optional.) | |

- III. { Geometry ; five books.
 Modern History. Rhetoric.
 Chemical Physics. Inorganic Chemistry. (Lectures.)
 Botany. Mineralogy. Laboratory Practice.
 Anatomy. Physiology. Laws of Health. (Lectures.)
 French or German. (Optional.)

Middle Class.

- I. { Geometry, finished and reviewed.
 Philosophy of English Language.
 Natural Philosophy—Mechanics of Solids.
 Organic Chemistry. Qualitative Analysis.
 Geology. Natural History.
 French or German. (Optional.)
- II. { Trigonometry. Mensuration.
 English Literature.
 Organic Chemistry. Qualitative Analysis.
 Natural Philosophy.—Mechanics of Fluids.
 Geology. Natural History.
 French or German. (Optional.)
- III. { Surveying. Navigation. (*Field Work.*)
 Logic. Elements of Criticism.
 Natural Philosophy.—Acoustics, Optics, Photography.
 Organic Chemistry. Qualitative Analysis.
 Geology. Natural History.
 French or German. (Optional.)

Senior Class.

- I. { Analytical Geometry.
 Astronomy. Electricity, Statical and Dynamic.
 Natural Theology. Evidences of Christianity. Political
 Economy. Science of Government.
 Chemical Technology. (Lectures.) Quantitative Analysis.
 Civil Engineering.—Principles of Construction.
 French or German. (Optional.)

- II. { Differential Calculus. Physical Geography.
Mental Philosophy. Butler's Analogy. Moral Philosophy.
- III. { Magnetism. Principles of Telegraphy
Chemical Technology. (Lectures.) Quantitative Analysis.
Civil Engineering; Roads, Rail-Roads and Canals.
French or German. (Optional.)
- III. { Integral Calculus.
Moral Philosophy. Constitution of U. S.
Electro-Dynamics. Plating and Gilding.
Chemical Technology. (Lectures.) Quantitative Analysis.
Civil Engineering. Architecture. Field Work.

Weekly exercises in English Composition, Declamation, and Extemporaneous Speaking, are required of all Students, throughout the entire course.



Agricultural Course.

ADMISSION. Candidates for admission into the Junior Class of this Department must be fourteen years of age; must produce testimonials of good moral character; and must sustain an examination in *English Grammar, Geography, Arithmetic, the Elements of Algebra and History*. For admission to an advanced Class a corresponding amount of knowledge will be required.

The Course of study in this Department, will extend through three years, and students who have completed it will be entitled to a Diploma conferring the Degree of Graduate in Agriculture.

COURSE OF INSTRUCTION.

Junior Class.

FIRST TERM.

PRACTICAL AGRICULTURE—*Location of Farm*—Division into Fields. Soils—Classification and Mechanical Treatment. Principles of Drainage. Laying out and Construction of Drains.

NATURAL SCIENCES.—Botany and Physiology of Plants. Principles of Germination and Growth. Analysis and Classification.

CHEMISTRY—Chemical Physics. Inorganic Chemistry. Nomenclature. Laws of Chemical Combination and Study of the Elements.

RELATED STUDIES—Algebra from Quadratic Equations. Lectures on Human Anatomy. Physiology and Laws of Health. English Composition, Language and Literature

SECOND TERM.

PRACTICAL * AGRICULTURE—Farm Implements; principles of Construction and Use. Fencing. Hedging. Location and Plans of Farm Buildings.

CHEMISTRY—Inorganic Chemistry. Study of the Elements with Laboratory Practice. Lectures on Chemical Physics and Mineralogy.

NATURAL SCIENCES—*Systematic Botany*, or Classification of Plants; including a discussion of the general principles of Classification in the different departments of Natural History.

RELATED STUDIES—Algebra, finished. First book of Geometry. Lectures on Anatomy, Physiology and Laws of Health. Study of the English Language.

THIRD TERM.

PRACTICAL AGRICULTURE—*Horticulture*. Hot Beds; their construction and management. Methods of propagating Plants; by layers, by cuttings, by budding, by grafting, &c. Transplanting varieties of Small Fruits, and the best means of cultivating them. General Nursery Management.

CHEMISTRY—Lectures on Inorganic Chemistry. Chemical Physics and Mineralogy, with Laboratory Practice.

NATURAL SCIENCES—*Practical Botany*. Characteristics and Geographical Distribution of the Natural Orders, with their relative importance. The Genera and Species having Agricultural, Commercial, Medicinal or Ornamental value. Weeds and Poisonous Plants.

RELATED STUDIES—*Geometry*, five books. Lectures on Anatomy, Physiology and Hygiene. Modern History.

Middle Class.

FIRST TERM.

PRACTICAL AGRICULTURE—*General Principles of Farm Economy*. Care and Feeding of Stock. Manure; compo-

sition, manufacture and application. Farm Machinery; construction and management.

CHEMISTRY—Organic Chemistry. Qualitative Analysis with Laboratory Practice in the detection of alkalis and alkaline earths, metals, mineral and organic acids. Use of the Blow Pipe.

NATURAL SCIENCES—*Principles of Zoology*. Developments, Structure, Classification and Distribution of Animals. *Principles of Geology*; dynamical and descriptive.

RELATED STUDIES—Geometry, finished. *Natural Philosophy*. Properties of Matter, Force, Gravity. Pendulum Motion, Projectiles, Mechanical Powers. French or German. (Optional.)

SECOND TERM.

PRACTICAL AGRICULTURE—*Animal Husbandry*. Breeds and varieties of Domestic Animals: Dairy Stock, Horses, Sheep, Swine and Poultry. Principles of Breeding, Rearing, Training and Fattening. Composition and preparation of Food. Management of Honey Bees.

CHEMISTRY—*Organic Chemistry*. Qualitative Analysis, with Laboratory Practice in the detection and separation of the Elements. Chemistry of the Germination and Nutrition of Plants.

NATURAL SCIENCES—*Systematic Zoology*. Natural Orders, Families, &c. Embryology, and peculiar modes of Reproduction. *Geology*. Origin of Soils. Building Materials. Coal, Coal Oil and Metals.

RELATED STUDIES—*Mensuration* of lines, Surfaces and Solids. Measurement of Artificers' work, Timber, Lumber, &c. *Natural Philosophy*. Mechanics of Fluids. Construction and use of Barometer, Pumps, Springs and Wells. French or German. (Optional.)

THIRD TERM.

PRACTICAL AGRICULTURE.—*Horticulture*; Market Gardening; Varieties and Modes of Culture of Vegetables, and

their preparations for Market. *Fruit Culture*; Apples, Pears, Peaches, Plums, Grapes, &c. Methods of Pruning and Training, and study of Diseases of Fruit Trees, and Insects injurious to vegetation. Special attention given to Peach Culture, and management of Orchards.

CHEMISTRY—*Organic Chemistry*; Qualitative Analysis, with Laboratory Practice. Chemistry of Decomposition and Fermentation.

NATURAL SCIENCES—*Entomology*; Classification of Insects; Habits of those Injurious to Vegetation. *Geology* of Delaware and Eastern Shore of Maryland and Virginia, with special study of its deposits of Marl, Limestone, Iron Ores, and Building Materials.

RELATED STUDIES—*Surveying*, with Chain, Compass, and Transit. *Leveling* for Drainage, Mill-races, and Road-work; Field Practice and use of Instruments. Maps of Farm Surveys. *Natural Philosophy*; Sound, Heat, and Light. Steam and its applications. Construction and Uses of Thermometers, Telescopes, and Microscopes. French or German. (Optional.)

Senior Class.

FIRST TERM.

PRACTICAL AGRICULTURE.—*Farm Economy*; Principles of Rotation of Crops, their adaptation to Soils and Markets, Cultivation of Farm Crops, Wheat, Corn, Grass, and Roots, and their preparation for Market.

CHEMISTRY.—*Agricultural Chemistry*; Composition of Soils. Quantitative Analysis of domestic Manures, and Ashes of Plants.

NATURAL SCIENCES.—Lectures on Economic Geology and Mineralogy. Diseases of Domestic Animals, and Veterinary Surgery and Medicine.

RELATED STUDIES.—*Natural Philosophy*; Electricity, Static and Dynamical. *Civil Engineering*; Principles of Construction, Strength of Materials. French or German. (Optional.)

SECOND TERM.

PRACTICAL AGRICULTURE.—*Agricultural Book-keeping*; Farm Accounts. Herd Book, Farm Journal. Modes of conducting Experiments, and making them useful. Collection and Use of Agricultural Statistics. History of Agriculture.

CHEMISTRY.—*Agricultural Chemistry*; Quantitative Analysis of Artificial Manures, and their Influence on Plant growth.

NATURAL SCIENCES.—Lectures on Economic Geology and Mineralogy. Diseases of Domestic Animals. Veterinary Surgery and Medicine.

RELATED STUDIES.—*Natural Philosophy*; Magnetism. Construction and Use of the Telegraph. *Physical Geography*, and Meteorology; Laws of Dews, Frosts, Fogs, Clouds, Rain, Hail, Snow, and Winds, with local causes affecting climate. Meteorological Instruments, and their use to the Farmer. *Civil Engineering*: Construction of Roads, Rail-roads, and Canals. French or German. (Optional.)

THIRD TERM.

PRACTICAL AGRICULTURE.—*Horticulture*; Construction and Management of Hot Houses. Cold Graperies, and Orchard Houses. Landscape Gardening, and Rural Architecture. *Rural Law*, relating to Tenure and Conveyance of Land, Highways, Cattle and Fences.

CHEMISTRY.—*Agricultural Chemistry*: Quantitative Analysis of Dairy products. Chemistry, as applied to the Arts of Tanning, Dyeing, Bleaching; and the Manufacture of Glass, Porcelain and Iron.

NATURAL SCIENCES.—Excursions for practice in Geological Surveys, and collection of Specimens in Botany, Zoology and Mineralogy.

RELATED STUDIES.—*Natural Philosophy*. Electro-dynamics, Electrotyping and Gilding. *Civil Engineering*; Field and Office work. French or German. (Optional.)

Throughout the entire Course, weekly exercises in Composition, Declamation and Extemporaneous Speaking, will be required of all Students.

AGRICULTURAL DEPARTMENT.

It is the design of the College in organizing this Department, to give to young men of proper age and acquirements, a thorough course of Instruction directly pertaining to Agriculture, which will enable them to conduct the operations of a Farm both intelligently and profitably; and at the same time secure thorough mental discipline, by the introduction of such other studies as constitute a substantial education.

It is designed to give a thorough discussion of the most approved methods of conducting the practical operations of the Farm, Garden and Nursery; to give the results of well-tried experiments, and to show how they must be conducted to make them of practical value.

EXPERIMENTAL FARM.

In carrying out this design, the College has the advantage of using the farm of the Professor of Agriculture, embracing about seventy acres of well improved land, adjoining the town of Newark, containing meadow, tillage and pasture grounds, six acres in truck gardens, eight acres in small fruits and vineyards, five acres in apples, pears, peaches and plums, and the whole place well supplied with stock, tools and farm machinery.

Contributions to the College of books, new plants, seeds, implements and improved stock, are respectfully solicited from the friends of Agriculture throughout the country; such contributions, and the names of the contributors, will be acknowledged in the Annual Report to Congress.

EDUCATIONAL LABOR.

All Students in this Department who are not excused on account of physical inability, will be required to labor on the Farm, under the direction of the Professor of Agriculture, from *one to two* hours each day, except Saturday and Sunday. This labor is designed to be educational: to exhibit the *practical* applications of the *theories* taught in the Text-books and Lecture room,

to preserve habits of industry where they have been formed, and to form them where they do not exist; to give facility and precision in the use of implements, and skill in the application of labor, and to secure more valuable physical culture than can be furnished by any system of *Gymnastics*.

COMPENSATED LABOR.

In addition to the time thus devoted to *Educational Labor*, all students will have the opportunity of working on Saturday, and such other times as will not interfere with a thorough preparation for the recitation room, when there is any work to be performed; for such labor they will receive from eight to twelve cents per hour, dependent upon the ability and fidelity of the laborer. This plan will not only give the exercise which produces "A sound mind in a sound body," but will enable those students who wish it, to pay a part of their expenses by their labor, and thus reduce the cost of the Course.

CHOICE OF STUDIES. In addition to these regular Courses of Study, a student who does not wish to pursue a full course, may make such selections as his parent or guardian may desire, if found prepared to enter such classes. Entire liberty of choice is allowed in selecting the Departments which he will enter and the studies he will pursue, but each student is required to have at least fifteen lessons a week, or their equivalent, unless specially excused for cause; changes from one course of study to another can only be made at the opening of a term.

In accordance with the provisions of the Act of Congress, all students connected with the College must be connected with the classes in Military Tactics and Engineering, but the Faculty may, for sufficient reasons, exempt any student from the drill.



DELAWARE COLLEGE.

ITS LOCATION. *Delaware College* is located at Newark, a quiet and retired village, in the north-western part of the State of Delaware, within two miles of the Maryland and Pennsylvania line.

The village contains about ^{one}~~two~~ thousand inhabitants, most exemplary for intelligence and morality. The surrounding country is naturally fertile and beautiful, and has been brought by judicious culture to a very high state of improvement.

The climate is remarkably mild and healthful.

The College enjoys the further advantage of being situated at the head of the peninsula formed by the Chesapeake and Delaware Bays, at a point where the communication is constant with Washington, Baltimore, Wilmington and Philadelphia, by the Philadelphia, Wilmington and Baltimore Rail Road, and with all portions of Delaware, and the Eastern Shores of Maryland and Virginia, by the Delaware Rail Road, and its numerous branches.

All the Telegraph lines in the Country communicate with the office here.

These rare facilities give the institution the advantage of perfect retirement, so requisite for study, combined with ready and convenient access.

EXPENSES.

	First Term.	Second Term.	Third Term.
Tuition,	\$24 00	\$18 00	\$18 00
Room Rent	4 00	3 00	3 00
Fuel for Oratory and Recitation Rooms	1 00	75	25
Janitors' Wages	1 00	75	75
Use of Library	1 00	75	75
Incidental Expenses	1 00	75	75
	<u>\$32 00</u>	<u>\$24 00</u>	<u>\$23 50</u>

The above charges for Tuition are remitted to such Students as receive the State Scholarship.

Board may be obtained of the Steward of the College, or in private families in the town, at from \$3.50 to \$4.50 per week, Clubs may be formed among the Students by which the price of Board may be much reduced; Washing at the usual rates.

Fuel is furnished to the Student at cost. A sum equal to the probable cost is advanced by each Student; if more is consumed it is charged to him—if less, the balance is refunded.

Students in Chemistry incur a small annual charge for Chemicals consumed, and pay for all apparatus broken by themselves.

Students provide for themselves bed and bedding, furniture for their rooms, lights, books, stationery and washing. The Literary Societies also require small sums each session. If the furniture and books are sold when the student has no further necessity for them, the expenses incurred by their use will not be great.

PAYMENT. All College dues, for each term, *must be paid in advance*, and the Treasurer's receipt exhibited to the President before the student is admitted to his recitations. Students entering before the middle of the term, will be charged with full Tuition, Room Rent, and other items for the term. When entering at or after the middle of the term, with one-half such Tuition, Room Rent, &c.

If a student be removed from the College by his parent or guardian, by the faculty, or by sickness or other casualty, before the middle of the term, the money paid by him for the latter half will be refunded, otherwise not.

Damages are assessed on the perpetrators if discovered; otherwise, on all the students.

STATE STUDENTS. By the provisions of a recent Act of the Legislature, each county in the State is entitled to have ten students educated at the College, free of the charge for tuition.

The members of the Legislature are vested with the authority to make these appointments; each member having the right, in effect, to make one nomination.

It is desirable that the Senators and Representatives, holding this responsible trust, should execute it at the earliest practical period, so that their appointees may have time to make all necessary arrangements, and be present punctually at the beginning of the collegiate year.

The certificate of appointment should be addressed to the President of the College. The same qualifications in regard to scholarship and character, are required of these as of other candidates for admission to the College.

RESIDENCE. Students are required to occupy such rooms as may be assigned them. No student is permitted to change his room without leave of the Faculty. Each student must provide the furniture necessary for his own accommodation.

A student who does not return punctually at the commencement of the Term forfeits his room, and cannot take his place in his class, unless he presents a satisfactory excuse from his parent or guardian, and sustain an examination in the studies pursued by the class during his absence. The same rule applies to such as lose any part of their course by absence during the term, unless specially excused by the Faculty.

EXAMINATIONS. At the close of each term, the members of the class are publicly examined by the Faculty. At the close of each year, the students are examined *in all the studies of the year*, in the presence of the Faculty and a Committee of the Trustees, and their attainments are communicated to the Board of Trustees. The names of such as stand in the first class, are read in public by the President at commencement.

RELIGIOUS INSTRUCTION. In addition to daily morning and evening prayers, divine worship must be attended at least once every Sunday; and the recitation of the Classical Students on Monday morning is always in the Greek Testament. A student is permitted to attend any place of worship which the parent or guardian may select.

DISCIPLINE. The discipline is administered by the Faculty. The object is to join, as much as possible, mildness with effectiveness; to prevent, rather than to punish offences; to govern by the inculcation of correct principles, more than by mere coercion. Extreme punishments involving disgrace, are resorted to as seldom as possible. If immediate action be not necessary, the parent or guardian is generally informed of the misconduct, and advised to remove the delinquent. For the purpose of exercising greater vigilance, several members of the Faculty reside in the same building with the students.

No student is allowed to visit taverns, or other places of resort, that might injuriously affect his morals.

Particular note is taken of the *conduct* of each student, and the result for each session communicated in the Circular to the parent or guardian.

Calendar.

1871.

Sept. 12, EXAMINATION FOR ADMISSION INTO COLLEGE.

Sept. 13, FIRST TERM BEGINS, Wednesday evening.

Dec. 18-22, FIRST TERM EXAMINATIONS.

Dec. 22, FIRST TERM ENDS, Friday afternoon.

WINTER VACATION.

1872.

Jan. 3, SECOND TERM BEGINS, Wednesday evening.

March 25-29, SECOND TERM EXAMINATIONS.

March 29, SECOND TERM ENDS, Friday afternoon.

SPRING VACATION.

April 4, THIRD TERM BEGINS, Wednesday evening.

June 27, July 2, THIRD TERM & ANNUAL EXAMINATION.

July 3, ANNUAL MEETING OF THE BOARD OF TRUSTEES.

July 3, ANNIVERSARY OF ATHENÆN LITERARY SOCIETY,
Tuesday evening.

July 4, COMMENCEMENT EXERCISES, Wednesday morning.

July 4, ORATION BEFORE THE ALUMNI, Wedn'y afternoon.

July 4, ANNIVERSARY OF THE DELTA PHI LITERARY
SOCIETY, Wednesday evening.

SUMMER VACATION.

Sept. 11, EXAMINATION FOR ADMISSION INTO COLLEGE.

Sept. 12, FIRST TERM BEGINS, Wednesday evening.

NEWARK ACADEMY,

DELAWARE.

Prof. EDW'D D. PORTER, A. M., Principal.

This Preparatory Department of Delaware College is located within half a mile of that Institution, and is furnished with all the appliances of a *first-class Boarding School*. It is one of the oldest classical schools in the country, having been in successful operation since 1749.

INSTRUCTION.

The system of Instruction is thorough and practical, and has been re-arranged to meet the educational demands of the times. It embraces *three* separate courses of Instruction.

THE ENGLISH COURSE.

In which students are thoroughly and carefully instructed in Reading, Writing, Spelling, Arithmetic, mental and written, English Grammar, Geography, History and Algebra; special attention given to Composition and Declamation. Graduates in this Course are prepared to enter the Scientific or Agricultural Departments of the College.

THE CLASSICAL COURSE

Is designed to prepare students for admission to the Freshman Class of any College, and embraces in addition to the English studies above given, thorough and systematic instruction in Latin Grammar, Latin Reader, Latin Prose Composition, Caesar, Cicero, Virgil, Greek Grammar, Greek Reader, Greek Prose Composition, Xenophon's Anabasis, and Homer's Illiad.

THE COMMERCIAL COURSE,

Not only prepares young men for the Counting House and Mercantile pursuits, but gives them a substantial English edu-

education. It embraces in addition to the English Course, the study of *Book-keeping*, single and double entry, and its application to the wants of the Farmer, Merchant and Mechanic, Penmanship, Commercial Calculations, Principles of Banking and Insurance, and the thorough study of the *French* and *German* Languages.

INSTRUCTORS.

The Principal is aided in the management of the Academy, by a corps of able and well qualified Assistants, who are selected with reference to their qualification for their respective Departments; and no expense, labor or attention will be spared to secure the careful *moral*, *mental* and *physical* training of students sent to this Institution.

SESSIONS.

The Academic Year embraces *forty weeks*, divided into *Three Terms*, corresponding to those of the College. *New Pupils* are admitted at any time, and are charged only from date of admission; but it is very desirable that they enter at the beginning of a Term, as it is essential to their success that they start fair with their classes.

THE EXPENSES

Have been reduced to correspond with the fall in values, and are fully *one-third* below the average of schools of the same grade in the Middle States.

For Boarding, Washing, Mending, Fuel, Lights, Pew Rent, and Tuition in English and Mathematical Branches, Latin and Greek, for the

	First Term.	Second Term.	Third Term.	Whole Year.
Boarders, . . .	\$100.00	\$100.00	\$75.00	\$275.00
Day Scholars, . .	16.00 to 25.00	14 to 20.00	10 to 15.00	40 to 60.00
Modern Languages, .	16.00	16.00	8.00	40.00
Music—Piano or Organ, .	25.00	20.00	15.00	60.00
Music—Violin or Flute, .	10.00	10.00	10.00	30.00
Music—Vocal, . . .	5.00	5.00	5.00	15.00
Drawing,	10.00	10.00	10.00	30.00
Private Study Room, .	8.00	8.00	4.00	20.00

No extra charges are ever made unless by the order of the Parent or Guardian. The above charges will be strictly adhered to, never exceeded. Term Bills must be paid at the commencement of each Term, or on the entrance of the student.

For full information concerning Expenses, Text Books, Course of Instruction, Discipline, and general requirements of the School, and list of students for the past *ten years*, address the Principal, or the President of the College.

