

1903

Langston University Catalog 1903-1904

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CATALOGUE

—OF—

*The Colored Agricultural and Normal
University*



AT

Langston, Oklahoma Territory,

—FOR—

1903 and 1904.

FOUNDED 1897.

Completed by D. E. ...

CALENDAR FOR 1904 and 1905.

First Term begins Thursday, September 1, 1904.
First Term ends Wednesday, November 23, 1904.
Second Term begins Friday, November 25, 1904.
Second Term ends Friday, March 3, 1905.
Third Term begins Monday, March 6, 1905.
Third Term ends Friday, May 26, 1905.
Emancipation Celebration, January 2, 1905.
Thanksgiving Day, Thursday November 24, 1904.
Christmas Holidays begin December 20, 1904.
Christmas Holidays end January 2, 1905.
Lincoln's Birthday February 12, 1905.
Washington's Birthday, February 22, 1905.
Closing Exercises, Friday May 26, 1905.

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*

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Instructor in Blacksmithing.

MARIA WILLIAMS,

Matron in Girls' Dormitory.

M. C. LYLE,

Matron in Boys' Dormitory.

P. T. ZEIGLER,

Farmer.

* To be supplied.

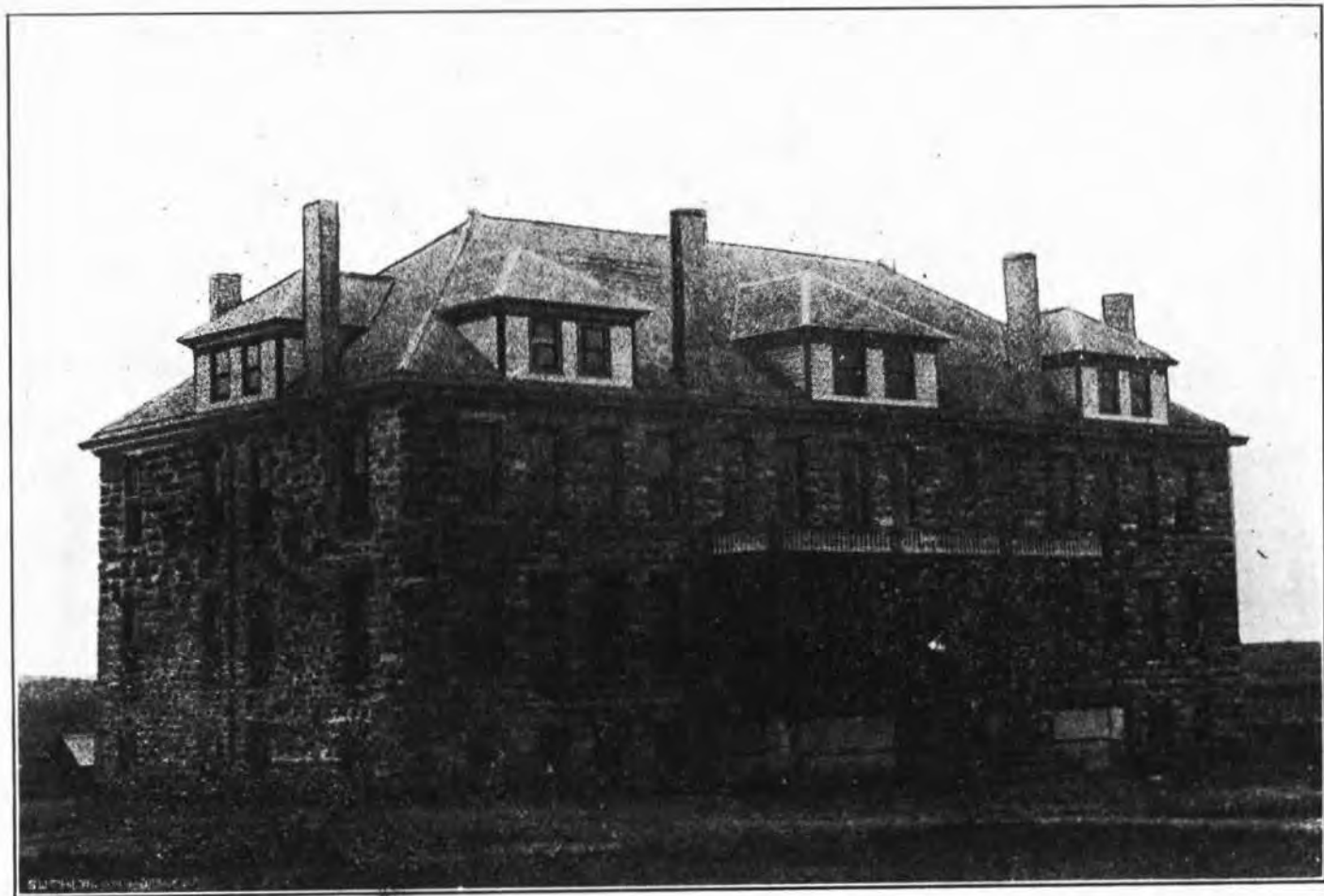
C. A. & N. UNIVERSITY
Historical Statement.

This institution was established at Langston by an Act of the Territorial Legislature in 1897, for the purpose of giving to the colored people of Oklahoma Normal, Collegiate, and Industrial training. Forty acres of land for building and agricultural purposes were donated by the people of Langston and its immediate vicinity. The same legislature which established the school, appropriated the sum of \$5,000 for its benefit. But this amount proved to be inadequate for the erection of a suitable building, employment of teachers and purchase of necessary equipment. Fortunately for the school at this time, Governor Barnes made such a division of the land lease money among the Territorial institutions as to make it possible for the school to continue its work without serious embarrassment until an appropriation could be made for its support by the next legislature.

So favorable was the impression made by the school upon the legislature which met in 1899, that it made an appropriation of \$10,000 for building purposes, provided a special fund by a tax levy of one-tenth of a mill, set apart one-fifth of the land lease money and one-tenth of the amount which is paid to the Territory annually by the Federal Government, in compliance with the Morrill Act, and made an appropriation of \$15,000 out of the accrued Morrill Fund for the maintenance and equipment of the University.

Owing to the fact that this last appropriation was not approved by the Secretary of the Interior because he was of the opinion that it was made in violation of law, the Regents, at the suggestion of Governor Barnes, adopted a resolution asking our Delegate in Congress to introduce a bill in the House of Representatives providing for the ratification of that part of the Act of the Legislature which contained this appropriation. Mr. Flynn immediately complied with this request, and secured the passage of the bill by both houses of Congress.

As a result of the action of this Legislature two new buildings were erected— a dormitory for young women and a Mechanic Arts building, and the number of acres was increased to 160. The appropriation of \$15,000 out of the Morrill Fund, which was ratified by Congress, has made it possible for the Regents to supply the



Young Men's Dormitory of Colored Agricultural and Normal University, Langston, Oklahoma.

University with books for the library, apparatus for the different departments, stock and implements for the Mechanical Department.

By an act of the Legislature of 1901 the University was not only well provided with funds for its support during the next biennial period, but also for the erection of an addition to the main building, a boys' dormitory and a residence for the President. These buildings have been completed, and are now used for the purposes intended by the Legislature.



General Statement of Courses.

COLLEGIATE DEPARTMENT. The mission of this institution is not only to give the young men and women of Oklahoma an elementary and an industrial education, however great may be the demand for it in this practical age, but also to give to as many as may desire it that higher training which will fit them to enter the learned professions, and thereby prepare them for leadership among the people with whom they are connected. It is the aim of the Collegiate Department to furnish this training. The students who prefer to give special attention to the ancient languages take the classical course, while those who prefer the physical and natural sciences take the scientific course.

COLLEGE PREPARATORY. This Department consists of two courses, the Classical and Scientific. Students taking the Classical are prepared for a similar course in the Collegiate Department, and those taking the Scientific are prepared either for a like course in that department or for the course in the Agricultural and Mechanical Departments. This arrangement is an accommodation to a large number of students who, on account of very limited means, are not

able to pursue the studies in the Collegiate Department.

NORMAL DEPARTMENT. This department is designed to prepare teachers for the colored public schools of Oklahoma, and is so conducted that the students who take the course are given instruction in both the theory and practice of teaching and also in the laws governing the schools of the Territory. Owing to the fact that students applying for admission to this department do not have sufficient academic training to confine their attention to Normal work, the course of study is so arranged as to give them a thorough knowledge of the branches which they will be called upon to teach in the different grades of the public school work.

ELEMENTARY DEPARTMENT. The object of this department is to fit students for the Normal and Preparatory Departments, to furnish an elementary education to those who are not provided with suitable school facilities at their homes, and to make it possible for students who are preparing themselves to teach in the public schools of the Territory to have a School of Practice where they can use the methods and theories which are taught them in the Normal Department.



Description of Courses.

Department of English Language and Literature.

FIFTH GRADE.

GRAMMAR. Maxwell's Introductory Lessons are used in this grade. The first thirty-three pages form the basis of the work done during the first term. Much stress is placed upon neatness, spelling and punctuation.

The second term's work extends to page eighty-three. During this term composition is made a specialty.

The third term's work extends to page ninety-nine. Previous work reviewed.

SIXTH GRADE.

Analysis, Synthesis, and Parsing are taken up in this grade.

term's work extends to page one hundred twenty-three (Maxwell's Introductory Lessons.)

The work of the second term extends to page one hundred and fifty. Much supplementary work is given.

The book is completed and reviewed during the third term. Much work in composition is done.

SEVENTH GRADE.

FALL TERM.

GRAMMAR. The study of the Parts of Speech. The study and classification of sentences. The principles of Orthography. Analysis and Parsing.

WINTER TERM.

Analysis and Parsing continued. Etymology, Spelling, and Composition.

SPRING TERM.

Etymology continued. Formation of words, Syntax, Phrases and Clauses. Composition.

EIGHTH GRADE.

FALL TERM.

GRAMMAR. Special study of the Parts of Speech, Sentence Building, Analysis, Parsing and Classification of sentences with respect to meaning and use. Composition.

WINTER TERM.

The study of words and clauses in the different kinds of sentences, Analysis and Parsing. Composition.

SPRING TERM.

The classification of Conjunctions and Connectives. The Modifications of Parts of Speech. Case-Forms, Forms of verbs, False Syntax. Composition. General review.

NINTH GRADE.

FALL TERM.

LESSONS IN ENGLISH. A short history of the English language. The elements of the language. Figures of speech and practice work in the same. Common errors in English. Composition.

WINTER TERM.

False Syntax. Diction with special exercises. Grammatical

and Rhetorical classification of sentences with special exercises in punctuation. Composition.

SPRING TERM.

Exercises in Letter-writing. Punctuation continued. Biographical sketches of American authors. General review.

TENTH GRADE.

FALL TERM.

RHETORIC AND COMPOSITION. The study of Good English. Punctuation and Letter-writing. Study of Nouns, Pronouns, and Verbs. Composition.

WINTER TERM.

The study of Verbs continued. The Articles, Adjectives, Adverbs, Prepositions and Conjunctions with practical exercises in the same. Composition.

SPRING TERM.

The study of Paragraphs, Words and Phrases. The importance of Unity, Clearness, Force and Ease. Composition. General review.

HISTORY

FIRST YEAR NORMAL.

FALL TERM.

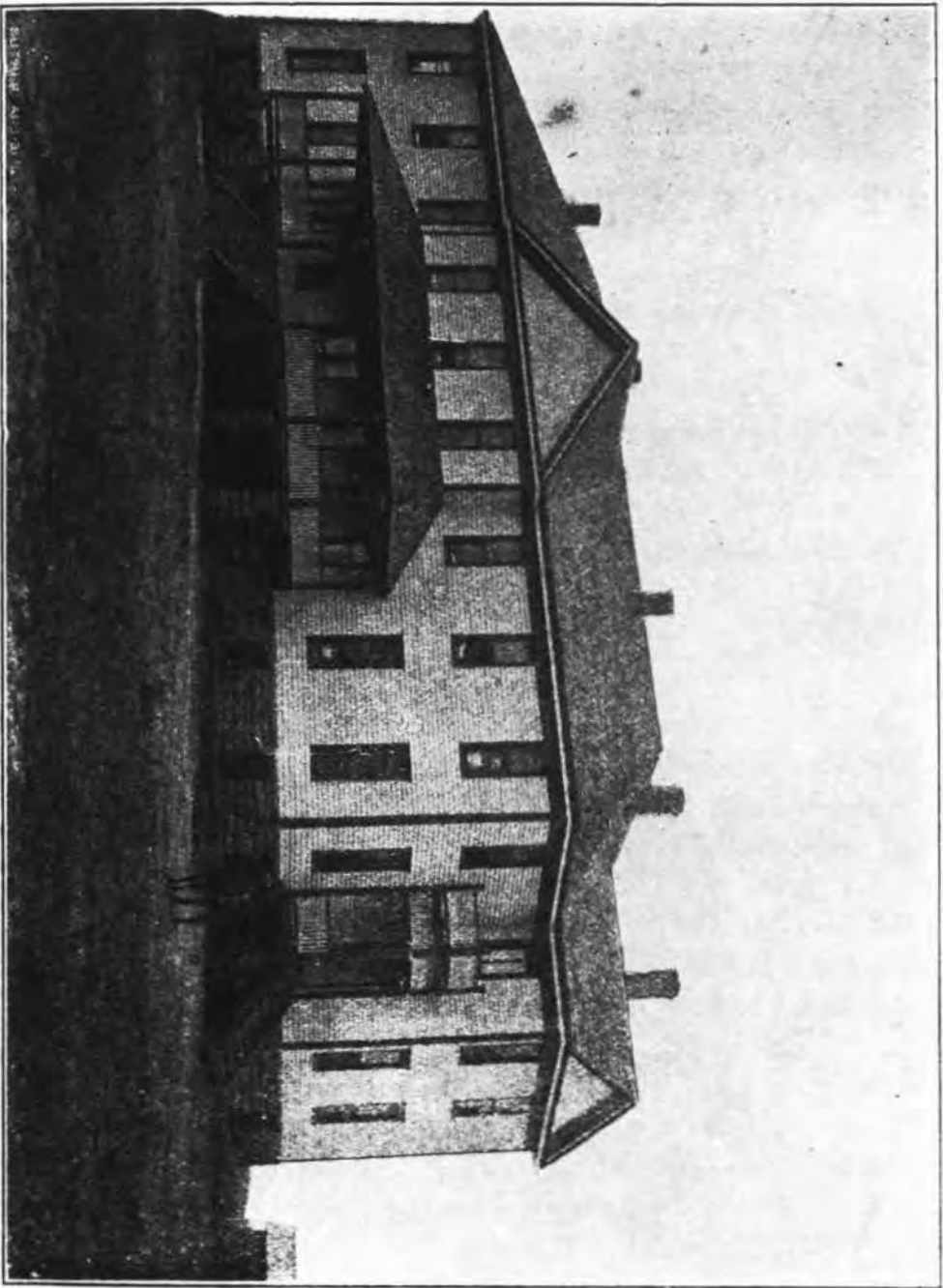
GENERAL HISTORY. Political History of Egypt, Babylonia, Assyria, and the Medo-Persian Empire. The Manners and Customs of these ancient nations. Grecian History and Literature. The rise of the Macedonian Empire.

WINTER TERM.

Roman History and Literature, including the manners and customs. Mediaeval History. Rise of the Saracens. The Crusaders. Mediaeval Civilization.

SPRING TERM.

The Introduction of Modern History. The Reformation. The Rise of the Dutch Republic. Civil-religious Wars in France. England under the Tudors. The Thirty Years-war and the causes. The Age of Richelieu. The Age of Louis XIV. The Stuarts in England and Russia. The French Revolution and the Napoleonic Wars. Germany and Italy. General review.



Young Ladies' Dormitory, Colored Agricultural and Normal University, Langston, Oklahoma.

SECOND YEAR NORMAL.

FALL TERM.

LITERATURE. Definitions and Outline of Study. The beginning of English Literature. Elizabethan Literature—Shakespeare—Bacon.

The Literature of the Commonwealth and the Restoration—Milton—Dryden. Literature of the Eighteenth Century—Swift—Burns.

WINTER TERM.

Literature of the Nineteenth Century with selections from English and American authors.

SPRING TERM.

Life of Lowell with selections. Short sketches of Macaulay and Froude with selections. Prescott, Bancroft, and Motley, with selections from each.

The study of Lyell, Tyndall, Huxley, Agassiz, Dana and Gray, with selections. General review.

EIGHTH GRADE.

FALL TERM.

UNITED STATES HISTORY. A short study of Indian life. The discovery of America by Columbus. Some of the early explorers and settlements. The early English settlements. The overthrow of New France.

WINTER TERM.

A study of the causes of the Revolution. The beginning and winning of Independence. The critical period in American History. The period of Weakness. Westward Expansion to Polk's Administration.

SPRING TERM.

Westward Expansion continued. War with Mexico. Review of the situation as to Slavery. The Slavery Question and Secession. Lincoln's Administration and the Civil War. The Era of Reconstruction. Recent events.

**DEPARTMENT of MATHEMATICS,
ELEMENTARY ARITHMETIC,
FIFTH GRADE.**

Pupils entering this grade must have a fair knowledge of addition, subtraction, multiplication and division. The first term is devoted to factoring, with a review of the four fundamental principles. Special attention is given to mental arithmetic, the aim being to train the pupil in systematic reasoning, rapidity and accuracy.

The second term is devoted to the study of Common Fractions. Decimal Fractions, Denominate Numbers and Simple Interest are studied during the third term.

SIXTH GRADE.

FIRST TERM. Review of Fundamental Operations, Factoring and Cancellation.

SECOND TERM. Common Fractions.

THIRD TERM. Decimals, Short Processes. A thorough understanding of Fractions is insisted upon in this grade.

SEVENTH GRADE.

Denominate Numbers, Longitude and Time, Practical Measurements are pursued the First Term.

SECOND TERM. Percentage and its applications to Interest.

THIRD TERM. Interest including Annual and Compound Interest.

EIGHTH GRADE.

Beginning with Bank Discount, Arithmetic is completed during the First Two Terms. Special stress is put upon Square and Cube Root.

Book-keeping is taught the Third Term for the purpose of giving those who take the Normal Course a sufficient knowledge of the subject to teach it in the common schools. The principles that underlie a successful management of one's affairs are insisted upon for those who may not pursue a more extended course.

NINTH GRADE.

ALGEBRA. FIRST TERM. Simple Equations, Fundamental Operations, Special Rules of Multiplication.

SECOND TERM. Factoring, Greatest Common Divisor, Least Common Multiple.

THIRD TERM. Fractions including Fractional Equations.



Chemical Laboratory, C. A. & N. University.



Latin Room, C. A. & N. University.

TENTH GRADE AND JUNIOR PREPARATORY.

ALGEBRA. FIRST TERM. Simple Equations, Simple Indeterminate Equations, Inequalities.

SECOND TERM. Involution and Evolution, Theory of Exponents, Radicals.

THIRD TERM. Imaginary Expressions, Quadratic Equations.

FIRST YEAR NORMAL AND MIDDLE PREPARATORY.

PLANE GEOMETRY. FIRST TERM. Book I.

SECOND TERM. Books II. and III.

THIRD TERM. Books IV. and V.

SECOND YEAR NORMAL AND SENIOR PREPARATORY.

SOLID GEOMETRY. First and Second Terms. Plane Trigonometry. Third Term.

FOURTH YEAR NORMAL.

Review of Arithmetic, Text Book, Beman and Smith's Higher.

ANCIENT and MODERN LANGUAGES.

LATIN.

The first year's work in Latin is done in the Ninth Grade Elementary Department, and presupposes a thorough knowledge of English Grammar. Two terms are given to Collar and Daniell's First Year Latin. The third term is spent in reading Part I. of Greenough D'Ooge and Daniell's Second Year Latin, a considerable portion of which is read. Special attention is paid to grammatical structure and smooth, idiomatic translation into English.

The Tenth Grade carries forward the work begun in the Ninth Grade. The first term is devoted to the more difficult selections in Part I. of Greenough D'Ooge and Daniell's Second Year Latin. Emphasis is laid also upon the translation of English into Latin, utilizing the exercises in prose composition found in the above text. During the second and third terms Part II. of the Second Year Latin is read in connection with D'Ooge's Latin Composition. Throughout the year, four days per week are given to the work of translation into English and one day to translation of English into Latin. The amount of Caesar read in Part II. is equivalent to three books of Caesar.

In the First Year Normal, the class studies Cicero and also Prose Composition, using Dodge and Tuttle's Latin Prose Composition and Allen and Greenough's New Cicero. An interpretation of

the thought is insisted upon. Close attention is paid to the grammar work. Four days are devoted to translation and one to prose composition. The four Catiline Orations are read.

The work of the Second Year Normal Class in Latin is the translation of the Aeneid of Virgil. Attention is paid primarily to a free yet consistent poetic translation. Grammatical structure and Latin Metre also receive attention. Six books are read. The text used is Greenough and Kittredge's.

The work of the Junior, Middle and Senior College Preparatory Classes in Latin corresponds to that of the Tenth Grade, and First and Second Year Normal Classes.

In the Classical Course, Collegiate Department, Freshman Year, those classic masterpieces of Latin thought and style, Cicero's *De Senectute* and *De Amicitia*, are read during the first and second terms. The Odes and Epodes of Horace close the work of the year.

The study of the Latin language and Literature closes in the Sophomore Year with a study of Latin Comedy and also of Latin Philosophy. The *Captivi* of Plautus, the *Phormio* of Terence and Lucretius' *De Rerum Natura* are read during the first, second and third terms respectively.

A Latin Library, the property of the department, has been begun.

GREEK.

Greek is begun in the Middle Preparatory Year of the classical course. A thorough drill is given upon the most important Greek forms and constructions with White's First Greek Book as a basis. The *Anabasis* is read in the Senior Preparatory Year, followed in the Freshman Year, by rapid reading and sight translation of the *Memorabilia*. Then follows a study of the *Odyssey*, the *Olynthiacs* and *Phillipics* of Demosthenes, *Oedipus Tyrannus* and Plato's *Apology*.

GERMAN.

German is studied in the Freshman and Sophomore classes, Scientific Course. An acquaintance with German thought and style is emphasized. Rapid and sight reading are required, the objective of the course being an acquaintance with the language sufficient to enable the student to further pursue scientific study. The subject is optional with students of the Fourth Year Normal Class.

C. A. & N. UNIVERSITY
DEPARTMENT OF NATURAL SCIENCE.
FIRST STEPS IN SCIENCE.
NINTH GRADE.

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The first work of the Scientific Department proper begins in the Ninth Grade. The text used is Bert's First Steps in Science. This Manual of the Natural Sciences is especially adapted to the use of students in the lower grades. The text contains an elementary treatise, not an abridgement, of the seven most important branches of science, viz: Animals, Plants (Stones and Rocks), Physics, Chemistry, Animal and Vegetable Physiology. The work continues throughout the entire year, and is so arranged that the first four subjects are taught during the fall and winter terms while the last three come in the spring.

TENTH GRADE AND JUNIOR PREPARATORY.
BIOLOGY.

The fall and one half of the winter term in the Tenth Grade (English) are given to the study of elementary Biology. Boyer's Elementary text is used. The course consists of laboratory work and experimental lectures.

The subjects of Elementary Zoology and Botany are placed upon a strictly laboratory basis and made largely inductive so as to train the senses, cultivate the habit of just discrimination and produce thoroughness of observation.

PHYSICAL GEOGRAPHY.

Hinman's Eclectic Physical Geography covers a period of one and a half terms, thus completing the Tenth Grade work in science. The subject is divided into six parts viz: Sea, Land, Water, Climate, Atmosphere, Earth and Life. Throughout the entire course the one idea of tracing the operations of the laws of nature upon the earth is constantly kept before the mind of the student.

FIRST YEAR NORMAL AND MIDDLE PREPARATORY.

PHYSIOLOGY.

Physiology by Blaisdell is introduced in the First Year of the Normal and the Middle Year of the Preparatory course. This course covers two full terms and is intended to give the student a thorough and practical knowledge of the subject. Besides the regular work as outlined, standard text books on Physiology are consulted with a minimum reading in Anatomy and His-

tology. Students are also required to present free hand drawings of different organs of the body.

During the fall term, lectures on the use of the microscope are given along with a study of cells and elementary tissues, bones, muscles, food and drink and physical exercise. The winter term completes the subject. In the order here given, the following subjects are carefully studied: Digestion, Blood and Circulation, Respiration, Skin and Kidneys, Accidents and Emergences, Nervous System. Yaggy's Anatomical Charts are constantly in use. Drawings are handed in at the end of the last term.

SECOND YEAR NORMAL AND MIDDLE PREPARATORY.

ZOOLOGY.

Zoology comes during the first term of the second year. An introduction to the study of Invertebrates is here given in the form of lectures. The microscope is used in the study of one-celled animals and tissues. The latter part of the term is given to the careful study of types of the various classes of Vertebrates.

SECOND YEAR NORMAL AND SENIOR PREPARATORY.

PHYSICS.

The fall and winter terms of the second year are given to the study of Physics. The course is designed to cover the first year's work in elementary Physics. A text is followed rather closely in the reading lessons, supplemented by new problems. The course is designed to present the general principles of Dynamics, Heat, Sound, Light and Electricity through the first three months. The last three months are given to elementary principles of experimentation with special reference to the laboratory. The text used is Carhart and Chute.

THIRD YEAR NORMAL AND PREPARATORY SCIENTIFIC.

CHEMISTRY.

Chemistry is taught during the fall and winter terms of the third year. During the fall term a series of lectures is given with parallel work by the students in the chemical laboratory. Particular attention is given to the properties and relations of elements and some of the most important compounds. Facts and considerations dealt with in this term's work are applied in an elementary

way to the process of chemical analysis, by which the student is taught some of the usual and simple methods of recognizing substances. During the winter term lectures are given on Carbon Compounds and a careful study made of metals. The text used is Williams's Chemistry.

BOTANY.

Botany comes in the spring term of the third year. Gray's School and Field Botany is used. Laboratory work in the study of plant histology is done throughout the entire year. Careful study is given to the morphology and ecology of the various groups of plants.

THIRD YEAR NORMAL AND PREPARATORY.

ASTRONOMY.

In the third year students are given a short course in descriptive Astronomy, which includes a study of Fundamental Notions and Definitions, Latitude, Longitude, the Earth, its form, rotation, dimensions etc. A careful study is made of the planets and stellar universe and their relations. (Young's Elements and General Astronomy are used.)

GEOLOGY.

During the winter and spring terms of the third year, Dana's Revised Text Book of Geology is introduced. During the fall term the subjects of Physiographic and Structural Geology are pursued. Under the subject of Physiographic Geology the student makes a special study of the general features of the Earth's surface, its form, relation to other worlds, form of ocean beds and depressions. Structural Geology covering the study of the constitution of rocks, their conditions, structure and arrangement completes the fall term. The winter term covers the study of Dynamical and Historical Geology.

GEOGRAPHY

FIFTH GRADE.

The work done in this grade furnishes an elementary course in Geography.

During the First Term the earth is studied as a whole. Special attention is given to nature study.

North America, South America and the United States are studied during the Second Term.

Frye's Elementary Geography is completed during the Third Term.

SIXTH GRADE.

The First Term's work extends to page sixty-one (Frye's Advanced). Much supplementary reading is required.

The Second Term's work extends to page one hundred and twenty. Special attention is given to map drawing and relief modeling.

During the Third Term, Canada, Central America, Mexico and the detached portions of the United States are studied. Map drawing and relief modeling are continued.

SEVENTH GRADE.

The work of the First Term is confined to the study of South America and Europe. Asia and Africa are studied the Second Term.

Frye's Advanced Geography is completed and reviewed during the Third Term. Special attention is given to the Geography of Oklahoma. Throughout the year much work is done in map drawing and relief modeling.

PSYCHOLOGY, PEDAGOGY AND PRACTICE.

In the Third and Fourth Year classes of the Normal Department, courses in Mental Science and Didactics are given as outlined below. These courses are not only arranged to give young men and women an opportunity for reviewing their common English branches, but to prepare them for the duty of the school room. The proper preparation of the teacher, broad scholarship, professional knowledge and skill are essentials upon which his success in after life depends. To this end these courses are planned.

PSYCHOLOGY.

This is a course in educational Psychology. Its aim is to give a foundation for all educational theory and method. The work gives a brief presentation of a study of Perception, Memory, Imagination, Thought and Will, in connection with the development of the child mind. Special study is given to the comparative physiology of the nervous system and sensory life of representative animals, as far as these studies bear upon the activities of the child.

PEDAGOGY.

The course in Pedagogy covers one term. It is preceded by



Museum, C. A. & N. University.

two terms of Psychology which serves as a foundation for the General Methods and Principles taught. Much collateral reading is required, the results of which are reported to the class in essays. These essays are read and discussed. White's Art of Teaching is the text used.

SCHOOL MANAGEMENT.

In this course the work is so arranged as to give the young teacher a correct knowledge of school organization and discipline, of the teacher, his preparation and qualification. School incentives and character building are carefully considered. The text used is White's School Management.

THEORY, PRACTICE AND REVIEW.

These three courses come together and are so arranged that the candidates for graduation, under the direction of a critic teacher, may learn, by practice, the best method of teaching in the school room.

Lectures upon the best method of teaching the elementary branches allied to their departments are periodically given to all normal students by the professors of the institution. During the first term of the fourth year of Normal work, Primary Methods are carefully studied.

HISTORY OF EDUCATION.

This course is planned to aid the student in the study of the Origin and Development of our educational work, and especially to give him an idea of the great educational system of the American public schools.

POLITICAL ECONOMY.

The study of Political Economy is designed especially to give those graduating a technical training in the theory and principles of Economics, and, in general, to assist the student in making a survey of the economic history of the United States.

ETHICS

In the Normal Course in Ethics, attention is given chiefly to the practical phases of the subject. Very little time is devoted to ethical theory. Only so much of that aspect of Ethics is studied as will furnish a basis for the practical application of the subject.

PENMANSHIP.

The Vertical system of writing is taught. Correct position of the body, hand and pen is insisted upon.

Such exercises are given as will develop free and easy movement as well as rapidity.

DRAWING.

Drawing is taught throughout the Elementary Department. The aim is to arouse and develop an appreciation of the beautiful, and to train pupils in neatness and accuracy. The Eclectic System and the Webb and Ware Series of Practical Drawing are used.

Pupils taking higher work are given special instruction according to the course pursued.

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OUTLINE OF COURSES.

Collegiate Department

Classical Course.

FRESHMAN YEAR.

FALL TERM.

University Algebra.
De Senectute,
Memorabilia,
Rhetoric

WINTER TERM.

University Algebra,
De Amicitia,
Odyssey,
Rhetoric,

SPRING TERM.

Surveying,
Horace,
Odyssey,
Botany.

SOPHOMORE YEAR.

FALL TERM.

Analytics,
Captivi of Plautus,
Olynthiacs and Philippics,
Chemistry,

WINTER TERM.

Calculus,
Phormio of Terence,
Oedipus Tyrannus,
Chemistry,

SPRING TERM.

Calculus,
De Rerum Natura,
Plato's Apology,
Geology.

JUNIOR YEAR.

FALL TERM.

Literature,
History of Civilization,
Astronomy,
Physics,

WINTER TERM.

Literature,
History of Civilization,
Astronomy,
Physics,

SPRING TERM.

Literature,
History of Civ'n.
Logic,
Physics.

SENIOR YEAR.

FALL TERM.

Psychology,
Political Economy,
History of Philosophy,

WINTER TERM.

Psychology,
Political Economy,
History of Philosophy,

SPRING TERM.

Psychology,
International Law,
Ethics.



Class Room In Department of Natural Science, C. A. & N. University.