



STATE A. & M. COLLEGE OF TEXAS.

CATALOGUE

—OF THE—

== STATE ==

AGRICULTURAL AND **M**ECCHANICAL **C**OLLEGE

OF TEXAS.

SESSION OF 1878-9.

COLLEGE STATION P. O., BRAZOS COUNTY, TEXAS.

BRYAN:
PILOT JOB PRINTING ESTABLISHMENT.
1879.

BOARD OF DIRECTORS.

1878-79

HIS EXCELLENCY, O. M. ROBERTS, GOV. OF TEXAS,
EX-OFFICIO, PRESIDENT.

HON. J. D. SAYERS, LIEUT.-GOVERNOR,
EX-OFFICIO, MEMBER.

HON. J. H. COCHRAN, SPEAKER OF THE HOUSE,
EX-OFFICIO, MEMBER.

First District, HON. E. B. PICKETT,
OF LIBERTY.

Second District, HON. W. H. LYDAY,
OF BONHAM.

Third District, MAJ. J. K. DIXON,
OF HILLSBORO.

Fourth District, HON. J. W. DURANT,
OF CENTERVILLE.

Fifth District, HON. A. J. PEELER,
OF AUSTIN.

Sixth District, HON. GEORGE PFEUFFER,
OF NEW BRAUNFELS.

OBJECTS OF THE COLLEGE.

"Its leading object shall be, without excluding other scientific and classical studies, and including military tactics, to teach such branches of learning as are related to agriculture and the mechanic arts, in such manner as the legislature of the States may respectively prescribe, in order to promote the *liberal* and practical education of the industrial classes in the several pursuits and professions of life."—Act of Congress, 1862, Sec. 4.

"Whereas, we recognize the importance of said Agricultural and Mechanical College, and of securing to our State the land donated by the above cited act: Therefore,

"SECTION 1. *Be it enacted by the Legislature of the State of Texas*, That there be hereby established within this State an institution of learning under the name and style of the Agricultural and Mechanical College of Texas, to be located at such place and in such manner as herein provided."—Act approved April 17th, 1871.

In accordance with the two acts above quoted, and under which this College was organized, it holds as its leading object to afford the most thorough instruction which its means will allow in the branches of learning pertaining to the *industrial* arts, or necessary to "the *liberal* and *practical* education of the industrial classes in the several pursuits and professions of life." Its objects and purposes will be best understood by a general survey or brief synopsis of its course of instruction:

There shall be

FOUR COURSES.

- I. A COURSE IN AGRICULTURE.
- II. A COURSE IN MECHANICS AND ENGINEERING.
- III. A COURSE IN LANGUAGES AND LITERATURE.
- IV. A COURSE IN MILITARY TACTICS.

FACULTY.

THOS. S. GATHRIGHT, A. M.,
PRESIDENT AND PROFESSOR OF MENTAL AND MORAL
PHILOSOPHY AND BOOK-KEEPING.

ALEXANDER HOGG, A. M.,
PROFESSOR OF MATHEMATICS.

R. P. W. MORRIS,
PROFESSOR OF NATURAL AND EXPERIMENTAL PHILOSOPHY
AND ENGINEERING.

JOHN T. HAND, A. M.,
PROFESSOR OF LATIN AND GREEK LANGUAGES.

C. P. B. MARTIN, D. D.,
PROFESSOR OF PRACTICAL AGRICULTURE, CHEMISTRY AND
NATURAL SCIENCES.

WILLIAM A. BANKS, A. M.,
PROFESSOR OF MODERN LANGUAGES.

GEN. L. M. LEWIS, A. M.,
PROFESSOR OF ENGLISH LANGUAGE AND LITERATURE.

LOUIS L. McINNIS, A. M.,
ADJUNCT PROFESSOR OF ANCIENT LANGUAGES AND
ENGLISH.

CAPT. GEO. T. OLMSTED, JR., U. S. A.,
COMMANDANT OF CADETS.

D. PORTSMYTHE, M. D.,
SURGEON AND PROFESSOR OF ANATOMY, PHYSIOLOGY AND
HYGIENE.

Treasurer, PROF. MORRIS.

Secretary, PROF. McINNIS.

MILITARY STAFF.

CAPT. GEORGE T. OLMSTED, JR., U. S. A.,
COMMANDANT.

CADET 1ST LIEUT. J. D. PERRY,.....ADJUTANT.
CADET 1ST LIEUT. W. A. TRENCKMANN,.....QUARTERMASTER.
CADET KHLEBER VAN ZANDT,.....SERGEANT MAJOR.
CADET L. J. KOPKE,.....QUARTERMASTER SERGEANT.

COMPANY A.

CHARLES ROGAN, Captain.
Jesse J. Baker, 1st Lieut.
John Q. Tabor, 2nd Lieut.
E. G. Cochran, 1st Sergeant.
Searcy Baker, 2d Sergeant.
A. M. Rhodes, 3d Sergeant.
W. R. Goss, 4th Sergeant.
C. S. Miller, 5th Sergeant.
H. W. Munson, 1st Corporal.
W. S. Smith, 2nd Corporal.
W. G. Morrison, 3d Corporal.
W. J. Bryan, 4th Corporal.

COMPANY B.

JOHN C. CRISP, Captain.
R. L. Boren, 1st Lieut.
T. A. Fuller, 2nd Lieut.
F. T. Bledsoe, 1st Sergeant.
W. H. Brown, 2nd Sergeant.
M. L. Chambers, 3d Sergeant.
J. F. Sharp, 4th Sergeant.
J. H. Haden, 5th Sergeant.
S. A. Hare, 1st Corporal.
R. Chambers, 2d Corporal.
Rodney Gary, 3d Corporal.
J. T. Story, 4th Corporal.

COMPANY C.

W. M. SLEEPER, Captain.
T. E. Blakemore, 1st Lieut.
E. Y. Mullins, 2nd Lieut.
F. W. Fort, 1st Sergeant.
D. E. Alexander, 2nd Sergeant.
D. Campbell, 3d Sergeant.
H. Redmond, 4th Sergeant.
L. B. Webster, 5th Sergeant.
F. A. Calhoun, 1st Corporal.
R. Alexander, 2nd Corporal.
H. G. King, 3d Corporal.
W. A. Fort, 4th Corporal.

COMPANY D.

R. A. ROGERS, Captain.
H. G. Smythe, 1st Lieut.
A. Cunningham, 2nd Lieut.
R. C. Chatham, 1st Sergeant.
M. L. Burnitt, 2nd Sergeant.
W. L. Rogers, 3d Sergeant.
T. H. Brown, 4th Sergeant.
W. Hendricks, 5th Sergeant.
Leroy Davis, 1st Corporal.
E. Carothers, 2nd Corporal.
W. S. Brooks, 3d Corporal.
F. Fox, 4th Corporal.

TO THE PEOPLE OF TEXAS.

The Board of Directors would announce that in discharge of the duties imposed upon them by law, they have made such arrangements that the State Agricultural and Mechanical College, located near Bryan, will be again duly opened for the reception of students on the first Monday in October, 1879.

By reference to the annexed pages, all persons desiring to avail themselves of the advantages offered by this institution, can learn the age of students required for admission, terms of admission, the preparation, the expense and the course of study to be pursued.

The task of laying down rules for the government of the institution, was no light one, and the Board deem it proper to state that they are fully conscious of the fact that time and experience will suggest many changes and modifications in these regulations. All changes that will be found to add to its efficiency as a teacher of the youth of the State, will be promptly adopted.

When the fullness and completeness of the course of instruction is considered and a comparison instituted between this and like institutions of learning in this and other States, it will be found that the actual and necessary expenses attending a collegiate course, are very greatly less in this than in other institutions, and should its future success justify it, the rates may be reduced still further, so that the rising youth of all the industrial classes of our State can have the means placed within their reach of securing that complete and higher education which now by reason of its cost can only be afforded by the more wealthy classes in the community.

This is the first earnest practical step that our State has yet taken to afford, through an institution of its own, to the industrial classes of limited means the opportunity for ob-

taining a collegiate education. If instead of sending their sons abroad our people of all class will, with a becoming State pride, encourage it and give it a cordial support, in a very few years its humanizing and beneficial influence upon the youth of our State will be widely felt.

The Board of Directors take great pleasure in thanking the people of the State for the unprecedented support given the College, and feel sure that the institution will receive in the future that confidence to which it has shown itself eminently entitled.



CATALOGUE OF STUDENTS.

SESSION OF 1878-9.

✓ Adkins, Edmund William,	San Antonio, Texas.
✓ Alexander, David Ellington,	Marshall, Texas.
✓ Alexander, Robert Greenwood,	Marshall, Texas.
✓ Allen, Alsy Hudson,	Maysfield, Texas.
✓ Andrews, Benjamin,	San Antonio, Texas.
✓ Andrews, James Lafayette,	Bryan, Texas.
✓ Armstrong, Marion Cavitt,	Bryan, Texas.
✓ Arrington, John Smith,	Alleyton, Texas.
✓ Baker, Jesse Jane,	Plantersville, Texas.
✓ Baker, Searcy,	Plantersville, Texas.
✓ Banks, Aubrey Leonard,	College Station, Texas.
✓ Barnett, William Scott,	Long Point, Texas.
✓ Bartlett, Jones Churchill,	Marlin, Texas.
✓ Bates, Morris,	Brazoria, Texas.
✓ Bates, Sidney Johnston	Brazoria, Texas.
✓ Batte, Summer,	Cameron, Texas.
✓ Beall, Henry Martin,	Brazoria, Texas.
✓ Bennett, Thomas Lovick,	Columbus, Texas.
✓ Billert, George Antoine,	Columbus, Texas.
✓ Billert, Herman Ferdinand,	Columbus, Texas.
✓ Bishop, William Lucien,	Stephensville, Texas.
✓ Black, Malcom,	Caldwell, Texas.
✓ Blakemore, Lucius Murray,	San Marcos, Texas.
✓ Blakemore, Thomas Elma,	San Marcos, Texas.
✓ Bledsoe, Frank Tears,	Lindale, Texas.
✓ Bolton, Joel Lockett,	Washington, Texas.
✓ Bolton, William Dewees,	Washington, Texas.
✓ Bonneville, Albert Pierre,	Bryan, Texas.
✓ Bonneville, Eugene John,	Bryan, Texas.

✓ Boren, Richard Long,	Tyler, Texas.
✓ Bozeman, Beauregard Price,	Calvert, Texas.
✓ Brook, Arthur Granville,	Jasper, Texas.
✓ Brooks, William Smith,	Columbia, Texas.
✓ Brown, William Harrison,	Navasota, Texas.
✓ Brown, Thomas Henry,	Navasota, Texas.
✓ Bryan, William Jonathan,	Marlin, Texas.
✓ Burnitt, Martin Luther,	Calvert, Texas.
✓ Burnitt, Quitman,	Calvert, Texas.
✓ Burnitt, Seth,	Calvert, Texas.
✓ Burns, Frederick Allen,	Giddings, Texas.
✓ Calhoun, Francis Augustus,	Navasota, Texas.
✓ Calhoun, Patrick,	Navasota, Texas.
✓ Call, George	Orange, Texas.
✓ Camp, Robert Jefferson,	Madisonville, Texas.
✓ Campbell, Duncan,	Tilden, Texas.
✓ Campbell, Samuel William,	Galveston, Texas.
✓ Campbell, William,	Tilden, Texas.
✓ Carter, Arthur,	LaGrange, Texas.
✓ Carter, Joseph,	LaGrange, Texas.
✓ Caruthers, Eugene Eubanks,	Kimball, Texas.
✓ Casey, Henry Louis,	Fort Yuma, Texas.
✓ Cavitt, James Volney,	Wheelock, Texas.
✓ Chambers, Macon Lemuel,	Fort Worth, Texas.
✓ Chambers, Rufus Edward,	Fort Worth, Texas.
✓ Chance, John Parker,	Bryan, Texas.
✓ Chappell, John Hinds,	Chappell Hill, Texas.
✓ Chatham, Robert Carleton,	Navasota, Texas.
✓ Childress, Press,	Terrel, Texas.
✓ Chinski, Clarence,	Navasota, Texas.
✓ Cleveland, Oliver,	Galveston, Texas.
✓ Cochran, Edward Goodwin,	Navasota, Texas.
✓ Crews, Joseph Alexander,	Columbia, Texas.
✓ Crisp, John Claybourne,	Columbus, Texas.
✓ Crisp, William Mebane,	Columbus, Texas.
✓ Cunningham, Alexander,	Hempstead, Texas.
✓ Cushing, Edward Benjamin,	Houston, Texas.
✓ Dallas, John Cooper,	Independence, Texas.

- ✓ Darby, William Adison, West Point, Texas.
 ↓ David, Leslie Price, Alleyton, Texas.
 ✓ Davis, James Hart, Montgomery, Texas.
 ✓ Davis, Jefferson, China Springs, Texas.
 ✓ Davis, Joe, Jr., Websterville, Texas.
 ✓ Davis, Lee Roy, China Springs, Texas.
 ✓ Dibrall, Anthony, Galveston, Texas.
 ✓ Dickson, Frank Priestly, Moulton, Texas.
 ✓ Downs, James Richard, Waco, Texas.
 ✓ Downs, Pinckney Lovick, Waco, Texas.
 ↓ Dugan, George Henry, Sherman, Texas.
 Dyer, Joseph Osterman, Galveston, Texas.
 ✓ Edgar, Robert Breckenridge, Waco, Texas.
 ✓ Edgerly, William Hayden, Galveston, Texas.
 ↓ Edwards, William Lafayette, Butler, Texas.
 ✓ Ellis, Volney, Hallettsville, Texas.
 ↓ Ellison, Thomas Holly, Martindale, Texas.
 ✓ English, Thomas Archer, Bryan, Texas.
 ✓ Evans, Eddie Gammage, Fairfield, Texas.
 ↓ Evans, Willie Pope, Washington, Texas.
 ✓ Evers, Frederick Adolphe, Marshall, Texas.
 ✓ Fallon, George Edgar, Waco, Texas.
 Fitchugh, Edward Everett, Valley Mills, Texas.
 ✓ Fitzwilliam, James Henry, Bastrop, Texas.
 ✓ Flewellyn, James Edward, Washington, Texas.
 ✓ Flowers, Andrew Dana, Reggan Falls, Texas.
 ✓ Fontaine, William Overton, Navasota, Texas.
 ✓ Fort, Foster Wilson, Waco, Texas.
 ✓ Fort, William Aldridge, Waco, Texas.
 ✓ Fox, Frank Leslie, Fort Worth, Texas.
 ✓ Fuller, Tully Adams, Paris, Texas.
 ✓ Furrh, John William Franklin, DeBerry, Texas.
 ✓ Gary, Cæsar Rodney, Galveston, Texas.
 ✓ Gathright, Hugh Gaston, College Station, Texas.
 ✓ Gathright, Thomas Samford, Jr., College Station, Texas.
 ✓ Goss, William Russell, Richmond, Texas.
 ✓ Grant, Green Wiggins, Bryan, Texas.
 ✓ Grant, Reuben Hackett, Bryan, Texas.

✓ Green, Samuel,	Winton, Texas.
✓ Green, Wayne Bishop,	Waco, Texas.
✓ Greer, Crawford,	Navasota, Texas.
✓ Goode, Jesse Newton,	Sherman, Texas.
✓ Gould, John Caselton,	Hempstead, Texas.
✓ Haden, Joel Harris,	Dresden, Texas.
✓ Hairston, John Carter,	Bryan, Texas.
✓ Hagin, Albert Dexton,	DeBerry, Texas.
✓ Hand, Bartow B.e,	College Station, Texas.
✓ Hand, Clarence James,	Galveston, Texas.
✓ Harlan, Joseph,	Calvert, Texas.
✓ Hare, Silas Albert,	Sherman, Texas.
✓ Harris, John Boon,	Terrel, Texas.
✓ Harrison, Hendrick Joseph,	Longview, Texas.
✓ Hendricks, Wallace,	Fort Worth, Texas.
✓ Henry, John Armstrong,	Belton, Texas.
✓ Hill, Edward Pinckney,	Marshall, Texas.
✓ Hill, William Boxley,	Hempstead, Texas.
✓ Holman, Barnett,	Winnar, Texas.
✓ Holt, Henry,	Valasco, Texas.
✓ Hoskins, Isaac Colman,	Valasco, Texas.
✓ Hoskins, William Wharton,	Valasco, Texas.
✓ Houston, Temple,	Georgetown, Texas.
✓ Huggins, Eddie Mayes,	Pittsville, Texas.
✓ Hughes, Fred Venable,	Dallas, Texas.
✓ Huling, Proctor Hughes,	Lampasas, Texas.
✓ Hurt, Walter,	Galveston, Texas.
✓ Imboden, Mangum,	Madisonville, Texas.
✓ Irion, John Walker Jones,	Montgomery, Texas.
✓ Jack, David Mills,	Galveston, Texas.
✓ Jackson, William Townsend,	Groesbeeck, Texas.
✓ Jones, James Leonidas,	Gay Hill, Texas.
✓ Jones, Robert Fulton,	Austin, Texas.
✓ Jones, William Edmunson,	Terrel, Texas.
✓ Kane, William John Thomas,	Corsicana, Texas.
✓ Kellum, William Reil Cyrus,	Waco, Texas.
✓ Kelly, Collin Ashley,	Van Alstyne, Texas.
✓ Kerr, Thomas Orestus,	Flatonia, Texas.

✓ King, Henry Gill,	Caldwell, Texas.
✓ Kopke, Louis John,	San Felipe, Texas.
✓ Lane, Charles Dick,	Bosqueville, Texas.
✓ Lanier, James Fisher,	Jasper, Texas.
✓ Lathrop, Henry,	Brazoria, Texas.
✓ Leslie, James Perry,	Van Alstyne, Texas.
✓ Malone, William,	San Marcos, Texas.
✓ Martin, Carlisle Beman,	College Station, Texas.
✓ Martin, Duncan,	College Station, Texas.
✓ McCormick, Joseph Manson,	Brazoria, Texas.
✓ McGehee, Charles Lewis,	Bastrop, Texas.
✓ McLemore, John Clifton,	Galveston, Texas.
✓ McNutt, James Jefferson,	Sutton, Texas.
✓ Mercer, William Monroe,	Chappell Hill, Texas.
✓ Mike, John,	Bryan, Texas.
✓ Miller, Charles Stonewall,	Bellville, Texas.
✓ Mills, Edward Dumas,	Gay Hill, Texas.
✓ Mitchell, Edwin Calhoun,	Madisonville, Texas.
✓ Moore, John Matt,	Richmond, Texas.
✓ Moore, Walker Fleming,	Austin, Texas.
✓ Morrison, William Gwyn,	Wallace Prairie, Texas.
✓ Mullius, Edgar Young,	Corsicana, Texas.
✓ Munson, Henry William,	Oyster Creek, Texas.
✓ Munson, Joseph Waddy,	Oyster Creek, Texas.
✓ Nesbit, Thomas Alexander,	Butler, Texas.
✓ Nichols, John,	Fort Worth, Texas.
✓ Nichols, Robert Lee,	Bastrop, Texas.
✓ Oltorf, William Arthur,	Marlin, Texas.
✓ Palmer, Edward Gray,	Corsicana, Texas.
✓ Parker, Benjamin Joseph,	Oakwood, Texas.
✓ Perry, Jerrold Douglas,	Palestine, Texas.
✓ Porter, Rufus Choate,	Caldwell, Texas.
✓ Porter, Thomas Pyron,	San Antonio, Texas.
✓ Powers, Andrew Carroll,	Wilderville, Texas.
✓ Powers, Francis Marion,	Reagan, Texas.
✓ Price, Thomas Moore,	Bastrop, Texas.
✓ Proctor, Willie Frank,	Bremond, Texas.
✓ Ralston, William Paul,	Brenham, Texas.

✓	Randall, Harvey Gregg,	Dallas, Texas.
✓	Randall, William Gordon,	Dallas, Texas.
✓	Randall, Joseph Albert,	Galveston, Texas.
✓	Redmond, Henry,	Corpus Christi, Texas.
✓	Reichardt, Frank Augustus,	Houston, Texas.
✓	Reichardt, William Ernest,	Brenham, Texas.
✓	Rhodes, Albert Marshall,	Bryan, Texas.
✓	Roberts, Jefferson Davis,	Washington, Texas.
✓	Roberts, John Troy,	Weimar, Texas.
✓	Robins, James Holtzclan,	Mexia, Texas.
✓	Rogan, Charles,	Giddings, Texas.
✓	Rogers, Robert Allan,	Galveston, Texas.
✓	Rogers, William Lemuel,	Pursley, Texas.
✓	Routt, John Alexander,	Chappell Hill, Texas.
✓	Ryan, Xavier,	Bremond, Texas.
✓	Sample, Jesse Perry,	Calvert, Texas.
✓	Sandige, Claibourne,	Fort Worth, Texas.
✓	Saunders, Caldwell Calhoun,	Jonesville, Texas.
✓	Scurry, Richard Allen,	Houston, Texas.
✓	Schumacher, Henry Daniel,	Navasota, Texas.
✓	Seale, Christopher Columbus,	Bryan, Texas.
✓	Seale, William Mitchell,	Bazette, Texas.
✓	Seymour, Samuel King,	Columbus, Texas.
✓	Shands, William Oliver,	Austin, Texas.
✓	Shaw, James Butler,	Wortham, Texas.
✓	Shaw, Nathan Augustus,	Clarksville, Texas.
✓	Sherrod, Larry Lewellyn,	Marshall, Texas.
✓	Sharp, John Faucett,	Livingstone, Texas.
✓	Shindler, Charles Franklin,	Hempstead, Texas.
✓	Sleeper, William Markham,	Waco, Texas.
✓	Simmons, John Thomas,	Austin, Texas.
✓	Small, William Thompson,	Fort Worth, Texas.
✓	Smith, William Randolph,	Columbia, Texas.
✓	Smith, William Sumner,	Buckhorn, Texas.
✓	Smythe, Harry Gordon,	Bryan, Texas.
✓	Stinnett, Horatio,	Sherman, Texas.
✓	Stone, James Abner,	Washington, Texas.
✓	Story, John Thompson,	Lockhart, Texas.

✓	Story, William Herff,	San Antonio, Texas.
✓	Streetman, Willard,	Cameron, Texas.
✓	Stumberg, Louis Deidrich,	San Antonio, Texas.
✓	Tabor, John Quitman,	Bryan, Texas
✓	Talbot, Aaron,	Calvert, Texas.
✓	Talbot, Frank,	Calvert, Texas.
✓	Tamplin, Robert Hiram,	Gay Hill, Texas.
✓	Terrell, Robert Henry,	Navasota, Texas.
✓	Thompson, Frank Enos,	Nelsonville, Texas.
✓	Trenckmann, Wm. Augustus Frederick,	Milheim, Texas.
✓	Tuttle, Rufus Brown,	Flatonia, Texas.
✓	Underwood, John Carson,	Columbia, Texas.
✓	Van Zandt, Khleber Miller,	Fort Worth, Texas.
✓	Vance, Edwin Babbitt,	San Antonio, Texas.
✓	Walthall, William Byrd.	Willow Hole, Texas.
✓	Ward, James Thomas,	Bryan, Texas.
✓	Waters, Thomas,	Mexia, Texas.
✓	Watson, Daniel Hughes,	Brenham, Texas.
✓	Watson, Robert Alfred,	Bastrop, Texas.
✓	Webster, Lewis Beauregard,	Jonesville, Texas.
✓	Westall, Richard,	Brazoria, Texas.
✓	Wessendorf, Joseph Gustave,	Richmond, Texas.
✓	Whiteside, Joseph William,	Stephensville, Texas.
✓	Wilie, Alexander Livy,	Mount Calm, Texas.
✓	Wilson, James,	Macy, Texas.
✓	Wilson, James Henry,	Washington, Texas.
✓	Winston, Sidney Johnston,	Richmond, Texas.
✓	Wood, George Aker,	Waco, Texas.
✓	Yanch, John Julius,	Corsicana, Texas.

TOTAL 248.

DEPARTMENTS.

The labors of the College have been distributed by the Board of Directors into eight departments, each department under the charge of a Professor. The distribution is as follows :

COMMERCIAL DEPARTMENT.

Professor Gathright.

In this department will be taught the science of Single and Double Entry Book-keeping, the laws governing Commercial transactions, and the Philosophy and Morals of Business.

The method of instruction will be by lectures and recitations from approved text-books, with exercises in opening, conducting and closing books, and in the preparations of accounts current and all other business forms.

FIRST TERM.—Nayhew's Book-keeping.

SECOND TERM.—Mayhew's University Book-keeping.

DEPARTMENT OF MODERN LANGUAGES.

Professor Banks.

In this department instruction will be given in the German, French and Spanish Languages.

GERMAN.—Text-Books—Woodbury's New Method with German, Woodbury's Eclectic German Reader, Schiller's William Tell, Adler's Dictionary and Selections from Gœthe and Schiller.

SPANISH.—Text-Books—Monsanto & Languellier's Spanish Grammar, Vclasquez's Spanish Dictionary and Spanish Reader, Don Quixote, Calderon's El Principe Constante.

FRENCH.—Text-Books—Pujol and Van Norman's Complete French Class Book, Telemaque and Charles XII, Selections from Moliere, Racine and Voltaire and other standard authors, Spier's and Surrene's French Dictionary.

The literature of these languages, their origin, growth and progress and their idioms, will be discussed. Comparative Grammar and Philology will be brought prominently before the classes in this department. Lectures upon these different subjects will be given from time to time.

Each language in this department will be studied for two years, with daily exercises in translation and composition.

AGRICULTURAL AND SCIENTIFIC COURSE.

Professor Martin.

FIRST YEAR.—(Academic)—Botany and Natural History.

SECOND YEAR.—Physical Geography, and Mineralogy.

THIRD YEAR.—Chemistry and Geology.

FOURTH YEAR.—Agricultural Science, embracing Chemistry, Farm-Tillage, Horticulture, Arboriculture and Care of Stock.

In this course, the student commences the study of Natural Science by directing his attention to a consideration of those existences which constitute the organized kingdoms of Nature—the vegetable and animal worlds. In the study of Botany, the instruction will be so conducted that the student will be made acquainted not only with the classification and naming of plants, but with their modes of growth—the chemical elements which enter into their composition and those agencies which promote or injure their healthful development—thus making the study of Botany a fitting introduction to the great subject to which all the instruction in this Department is intended ultimately to look, the Science of Agriculture.

In the study of Natural History, the student is farther led to a knowledge of Animated Nature in the classification

and structure of animals and those laws of organization, which are seen governing and controlling alike in the beings now living on the globe and those ancient specimens of animated existences, whose fossil remains lie entombed in the rocks of past geologic ages. The study of Physical Geography still farther prepares the student for those grand sciences of nature—Chemistry and Geology—and these, in their turn, prepare him for the practical application of all the sciences in Agricultural Chemistry, Horticulture, Arboriculture and Practical Farming. Agricultural Chemistry brings to the consideration of the student subjects of absorbing interest and vital importance, bearing alike upon individual and national prosperity. Some of these are the nature and composition of soils, their fitness or unfitness for the growth of crops, the nature and composition of manures, mode of saving and preparing them, with a multitude of other topics, whose study enters into the Science and Practice of Agriculture. This course of study passing through the regular college period of four years, the different studies mentioned will be finished in the year in which they are placed, when carried on synchronously with other studies in other departments, but will be varied to suit the wishes of students taking a special course in the Scientific Department.

Text-Books in Botany—Wood's and Gray's. Natural History—Hooker's. Physical Geography—Maury's. Chemistry—Barker's. Geology—Dana's. Agricultural Chemistry—Pendleton's. In the last mentioned study, as well as in Chemistry, Geology, and Botany, much of the instruction will be given by lecture.

DEPARTMENT OF ANCIENT LANGUAGES.

Professor Hand.

The course of study in the Latin includes the Language, History and Literature of the Romans. An exact and intimate

acquaintance with the Language is obtained by carefully translating Latin into English and English into Latin.

The doctrines of Latin Syntax are discussed, and the peculiarities of the Language explained.

For Reference—Andrew's and Stoddard's Grammars, Anthon's Classical Dictionary, Baird's Classical Manual, Andrews' Lexicon.

The studies in the Greek include the forms and structures of the language, with a rapid survey of History and Literature.

Daily exercises and frequent reviews are employed in acquiring a familiarity with the numerous inflections of the Language.

Written translations of English into Greek, or Greek into English, are required in every class at least once a week.

For reference throughout the whole course, Hadley's Grammar, Liddell and Scott's Greek-English Lexicon, Yonge's English-Greek Lexicon, Anthon's or Smith's Classical Dictionary, and Baird's Classical Manual, are recommended.

This department embraces four years; one Academic, and three Collegiate.

ACADEMIC.

LATIN.—Latin Lessons, Allen and Greenough's Latin Grammar, Andrews' Cæsar, and Andrews' Latin Exercises.

GREEK.—Bullions' Greek Grammar, and Bullions' Reader.

COLLEGIATE.

LATIN—Junior.—Æneid of Virgil, Cicero's Orations, Arnold's 1st and 2nd Latin Book, Allen and Greenough's Latin Prose Composition.

GREEK—Xenophon's Anabasis, Johnson's Herodotus, Arnold's Greek Prose Composition.

LATIN—Intermediate.—Satires and Epistles of Horace, Odes of Horace; Arnold's Latin Prose Composition, Prosody.

GREEK.—Memorabilia of Socrates, Homer's Iliad, Arnold's Greek Prose Composition, Prosody.

LATIN—Senior.—Germania and Agricola of Tacitus, Cicero's Tusculan Disputations, and De officiis, Arnold's Latin Prose Composition.

GREEK.—Alcestis of Euripides, Thucydides, and Plato's Gorgias, Prose Composition.

DEPARTMENT OF NATURAL AND EXPERIMENTAL PHILOSOPHY AND ENGINEERING.

Professor Morris.

The object of this department is to collect the truths as developed in the exact sciences, whether mathematical or otherwise, and to apply them to the practical work of the Engineer, Mechanical, Civil or Mining; to fit the student to stake out a lot, survey a farm, to locate a railroad or canal; to design a building, to make plans with specifications and costs of the same. In a word, to prepare those completing this department for the practical duties of real life.

The work of this department will be divided into two classes:

THE JUNIOR CLASS—*Studies.*—Surveying, Plane or Compass, Topographical and Town, Theory and Practical; Descriptive Geometry, Drawing—Plane and Projection, Natural Philosophy.

THE SENIOR CLASS—*Studies.*—Shades, Shadows and Perspective; Descriptive Astronomy with Lectures on Practical Astronomy; Railroad Surveying; Location and Construction; Strength of Materials; Arches; Framing; Bridges; Machines; Drawing—Free-Hand; Mapping; Profile and Sections of Railroad Surveys; Sketches of Tools; Designs for the Component parts of Machines and for Bridges and other Structures.

Text-Books—Plane Surveying, Davies' (New Edition); Higher Surveying, Gillespie; Roads and Railroads, Gillespie; Mechanics, Peck; Projections, Warren; Astronomy, Lockyer; Civil Engineering, Mahan.

For this department, as well as that for Mathematics, students are advised to furnish themselves with a box of Drawing Instruments.

DEPARTMENT OF MATHEMATICS.

Professor Hogg.

In this department there will be

FOUR CLASSES,

subdivided into as many *sections* as may be required to do successfully the work of the class room.

First Course: A class not "*preparatory*" in the common acceptation, but formed for the purpose of *reviewing*, and thereby well-grounding those who may not have had sufficient time or proper instruction in the elementary principles, lying at the very foundation of all mathematical progress; a thorough knowledge of Fractions in Arithmetic, and familiarity with the operations of Elementary Algebra. Texts: Olney's Arithmetic and Algebra.

Examination upon these, or their equivalent, will be required for admission into the college; or

Second Course, distributed into three classes:

JUNIOR CLASS—Plane Geometry; Advanced Algebra; Theory of Logarithms; Construction, and use of Tables; Plane Trigonometry; Practical Applications.

INTERMEDIATE CLASS—Geometry of Solids; Spherical Projections; Spherical Trigonometry; Applications to Geodesy and Nautical Astronomy, Analytical Geometry, of two Dimensions; Lines of the Third and Higher Orders; Graphical Representation of Natural Laws.

SENIOR CLASS—Higher Plane Curves; Analytical Geometry of Three Dimensions; Surfaces of Revolution; Differential and Integral Calculus; Applications to Mechanics; Higher Analysis; the Construction, and Interpretation of the Equation.

Books as Texts.—University Algebra, Geometry and Trigonometry, Olney; Analytical Geometry, Differential and Integral Calculus (latest, separate and distinct volumes), Loomis.

Books for Reference.—Todhunter's Theory of Equations; Todhunter's Differential and Integral Calculus.

From an inspection of the classification and arrangement of the subjects, and the further division of the same subjects, it will be seen that the main object of this school is more to reach results, than to develop theories—to store, as well as discipline the mind, hence--

The Method of Instruction: By class-recitations, and daily examinations upon the text assigned, *supplemented* by explanations, pointing out the practical bearing of every mathematical truth, where it is used, whether on the farm, in the workshop, or still higher, in the plans and specifications of the Civil Engineer.

Illustrative of their applications, *original problems*, based upon the principles developed, will be formed, whose solutions will be required of the classes as regular exercises. For the solution of these as well as a proper study of the text, it is necessary for each student to provide himself with a set of drawing instruments.

DEPARTMENT OF MENTAL AND MORAL PHILOSOPHY.

Professor Gathright.

In this department are taught Mental and Moral Philosophy, Logic and Political Economy and the History of Philosophy.

To complete this course requires two years.

During the intermediate year Logic and Mental Philosophy receive attention.

In the Senior year Moral Philosophy, Political Economy and the Science of Government will be taught by recitation from Text books and by lectures.

Every topic is thoroughly examined. Free discussion by students is not only permitted but encouraged, in the class room and by essays, the object being to inspire the class to investigate for themselves the great laws that control Mental and Moral action and regulate the relation of labor and capi-

tal, and to familiarize young men with the constitution and methods of legislation and government.

TEXT-BOOKS.—Logic, Coppee; Mental Philosophy, Haven; Moral Philosophy, Wayland; Political Economy, Wayland; History of Philosophy, Uberweg; Science of Government, Nordhoff, and Lectures.

DEPARTMENT OF ENGLISH LANGUAGE
AND LITERATURE.

Professor Lewis.

In this department will be taught the history and structure of the English language and its analogies to other tongues, ancient and modern; and a number of the masterpieces will be examined.

This department will occupy three years of the College course. Those not well grounded in the elementary principles of the language will spend one year in the Academic Department.

ACADEMIC YEAR.—Quackenbos' English Grammar and English Composition and American History.

JUNIOR CLASS.—Quackenbos' Advanced Course of Composition and Rhetoric; Fowler's English Grammar; Trench on Words; Smith's Etymology; Reed and Kellogg's Higher English.

INTERMEDIATE.—Hepburn's Rhetoric; Cleveland's Complete Manual of English Literature; Kames' Criticism; Bronson's Elocution and Ancient History.

SENIOR.—Shakespeare's plays; Milton; Modern History; Exercises in the composition and delivery of addresses.

Composition and declamation will be required throughout the course.

Text books as above, and Wilson's Outlines of History.

GRADUATION AND DEGREES.

1. **GRADUATE IN ANY DEPARTMENT.**—A diploma is conferred on any student upon his completing and standing an approved examination in all the studies of that Department. In the Department of Modern Languages, proficiency in two Modern Languages is required for graduation.
2. **DEGREE OF A. S.**—This degree is conferred upon those who graduate in the department of Mathematics, English Language and Literature, and in the department of Natural Sciences, Chemistry and Practical Agriculture.
3. **DEGREE OF C. E.**—This degree is conferred upon all who graduate in the departments of Mathematics, Natural and Experimental Philosophy and Engineering, the English Language, one Modern Language, General Chemistry and Geology.
4. **DEGREE OF A. B.**—This degree is conferred upon all who graduate in the departments of Mathematics, Ancient Languages, Mental and Moral Philosophy and Belles-Lettres, Astronomy, Mechanics, Chemistry, Geology, English and one Modern Language. One additional Modern Language may be substituted for Greek, for graduation in this course.

The examination for these degrees will be thorough and exhaustive.

PLAN OF INSTRUCTION.

The plan of instruction is by recitations from text-books and by lectures. In the less advanced classes the instruction is conducted chiefly by text-books. In the more advanced, after the student has acquired the habit of attention, lectures form a prominent feature.

RECORDS AND EXAMINATIONS.

SESSION RECORDS.

Daily records of the various exercises of the classes are kept by the officers of instructions in form adapted to permanent preservation. These are returnable weekly to the President, and give full information with regard to each student's position, both as respects observed characteristics of general conduct, and the knowledge displayed by him of the current subjects of study. From this record a circular or *monthly* statement is sent to the parent or guardian.

SEMI-ANNUAL EXAMINATIONS.

Public examinations of all the classes of the College are held immediately preceding the close of each semi-annual term. These examinations, which are partly oral and in part written, are continued through a period of about *ten days*, and are made to cover the entire field of study for the term. An average of these with the daily, or sessional, standing determines the standing or grade of the student.

RESULTS OF THE EXAMINATIONS.

Full records of the examinations are made; full credit is also given to each student for his good conduct; and from these data collectively each student's qualifications for being considered *passed* or *deficient* are determined. No change in class membership in passing from the *first* to the *second* term necessarily happens from the results of the first examination. At the close of the *second term* each student is required to be "passed" not only in the various studies of this term, but in all those studies of the previous term for which a record of deficiency had been entered against him, *in order to satisfy the essential requisite for transference from a lower to a higher class*, in passing from the studies of one year to those of the succeeding year. *No student is permitted to be absent from these examinations.*

Examinations for Degrees or Certificates of Proficiency are held at such time as may be selected by the Faculty, usually during the last *four weeks* of the last term, and embrace in their scope the entire subjects of study in the course.

GOVERNMENT.

GENERAL REGULATIONS.

As it is required that Military Tactics shall be taught in this Institution both by the law of Congress and by act of the State Legislature, the government and discipline will be modeled after that of the best military schools. But military science is not made a leading object of the course, since it is not the aim of this College to make proficient in arms, but simply to teach to all students the tactics, and even this more as a means of discipline and gymnastic exercise than as preparatory to the profession of the soldier. The government of the College therefore is administered by the President, Commandant, and Faculty, in accordance with a Code of Laws and Regulations enacted by the Board of Directors and published; each student upon matriculating being furnished with a copy. These rules, in addition to the regulations immediately governing the internal management of the College, will be published hereafter.

The President devotes himself to the duties of his office, occupying a room in the buildings to which the students have free access at stated times. He attends all examinations, presides at all meetings of the Faculty, and by the reports of the several Professors, he is made acquainted with the standing and deportment of each student. All cases of irregularity receive his personal attention.

Students receive the admonition and counsel of the President before being subjected to any penalty, except in case of flagrant offenses. Those who are habitually neglectful of their duties, or who do not regularly attend their classes, will be required to withdraw from the College.

No student is allowed to leave the College during the session without the permission of the President, on application through the Commandant.

The strictest attention to study and the most exact punctuality in attendance on recitations, and all other duties, will be made the *condition* of every student's continuance

at the College; and any student who without authority absents himself from recitation or any other duty, deserts his class, or refuses to attend when warned, shall be dismissed, or less severely punished, at the discretion of the Faculty.

Students are prohibited, under penalty of dismissal, from having in their possession ammunition, weapons or arms not issued for the performance of military duty; nor shall these be retained loaded in quarters under any pretext.

Students are prohibited entering into combinations under whatever pretext. One who shall begin, excite, cause or join in any boisterous or riotous conduct, or becomes a party to any agreement to avoid or violate any regulation, to hold no intercourse with a comrade, or to do any act to the prejudice of good order and military discipline, shall be dismissed.

No student shall have in his possession, or play at, cards, or games of chance, engage in a raffle, or in any manner wager money or other things, on penalty of dismissal.

Permission to attend private parties, or places of public amusement, will not be granted during the term.

No cadet can be granted a leave of absence during a term of twenty weeks, without an urgent necessity.

A student who shall drink, or bring, or cause to be brought within the Cadet's limits, or have in his room, or otherwise in his possession, any fermented or intoxicating liquor, or fruits or viands preserved in intoxicating liquor, shall be dismissed.

A student who shall cut, mark, or otherwise injure or deface the buildings, furniture or appurtenances; the trees, shrubbery, green-sward, grounds, fences; stables, or out-houses; or who shall lose, injure, destroy, or improperly dispose of the arms, accoutrements, or other property of the College, shall make good all damage, and be dismissed or otherwise punished, according to the nature of the offense.

To each recorded delinquency a number of from one to ten proportional to the degree of the offense in a moral and military view, is assigned to express demerit.

If any student receives 150 demerits for the whole or any

part of a half-year, or 250 for a greater period, he shall be declared deficient and dismissed.

RELIGIOUS AND MORAL CULTURE.

Religious services are held every morning in the Chapel. The students are required to attend these exercises, and are expected to attend preaching in the Chapel at least once on Sunday. Opportunities are also afforded for attending Bible-classes every Sunday.

LOCATION.

This College, four miles from Bryan, is immediately on the Houston and Texas Central Railroad, the great thoroughfare connecting Galveston, Houston, Dallas, Sherman and Denison. Passenger trains, besides freight and accommodation trains, pass daily, making close connection with the International and Great Northern, Missouri, Kansas and Texas, Galveston, Harrisburg and San Antonio, and Texas and Pacific Railroad, thus rendering the College very accessible from every portion of the State.

BUILDINGS.

The College-building is equal to the best in the country. It is new and in good repair. The recitation rooms are large and well constructed.

LITERARY SOCIETIES.

Two literary societies, the Austin and Calliopean Literary Societies, have been organized for the improvement of students in discussion and oratory.

APPARATUS, CABINETS AND MUSEUM.

Ample means will doubtless be appropriated by the Legislature for the fitting up and furnishing these. Every care will be taken to make the Chemical and Philosophical Apparatus equal to any in the country. Citizens of the State are earnestly requested to forward to the Professor of Natural Sciences any specimens which may be useful in the geological study of Texas.

MILITARY TACTICS.

By the act of Congress for the endowment of Agricultural and Mechanical Colleges, in prescribing the required studies, the words "*including military tactics,*" are used. The act is designed to be faithfully carried out, by imparting to each student, not physically incapacitated to bear arms, practical instruction in the school of the soldier, of the company, and the battalion. The duties of guards, outpost and picket service are practically taught. The college is provided, by the State, with a complete set of breech-loading cadet rifles, swords and accoutrements.

The following uniform has been prescribed for dress, viz: Frock of cadet gray, one row of College buttons; gray pants and forage cap, trimmings black. A very neat and serviceable dress suit can be obtained here for \$18, and a fatigue suit for \$12—sufficient, with proper care, for one year's service. This is less expensive than the usual clothing. All students are required to wear this uniform at all times during the term. In attendance upon drills and guard, students lose no time from academic duties.

The drills are short, and the military duty involves no hardship. The military drill is a health-giving exercise, and its good effects in the development of the *physique* and improvement of the carriage of the cadet is manifest.

The entire body of students is divided into companies. The officers are selected for proficiency in drill and deportment.

Each company is officered by one Captain, one First Lieutenant, one Second Lieutenant, with a proper number of Sergeants and Corporals. The officers and non-commissioned officers are distinguished by appropriate insignia of rank. These appointments are conferred by the Faculty, upon the recommendation of the Commandant of Cadets, as honorary distinctions, and are continuous for the Collegiate year unless forfeited by misconduct.

Cadet-officers are regarded as *assistants in the enforcement of discipline*; their orders are to be considered as duly authorized and to be obeyed accordingly. They are expected to set examples of military deportment and general good conduct to other cadets. Cadet-officers, squad-marchers and sentries are required, under pain of being themselves reported delinquent, to report all *facts* of delinquency falling under their notice in the performance of their duties. It is made the especial duty of every non-commissioned officer to report lateness, disorder in ranks, and all infractions of rules falling under his notice while on duty with his company, guard, or other detachment.

No cadet, or other person, shall be questioned in any way on account of reports rendered by him, nor shall he hold any conversation relating to it with the cadet reported.

Appointments and promotions in Corps are honorable distinctions for military proficiency, scholarship and good conduct.

Promotions will take place in the order of original appointment only when efficiency, fidelity, progress in studies, conduct or other qualifications warrant them.

Every officer, commissioned and non-commissioned, upon appointment or promotion, is required to pledge himself to a faithful discharge of his official duties.

Every cadet to whom arms and accoutrements are issued, will be held strictly accountable, not only for their preservation, but for their perfect good order at all times.

The prescribed dress will be strictly adhered to, nor will the slightest deviation be allowed. The wearing of fancy cravats, fancy caps, etc., will not be tolerated upon any pre-

tense whatever. Hair will be worn short and whiskers and moustaches not allowed.

TERMS OF ADMISSION.

Applicants for admission must be at least fifteen years of age, and be thoroughly prepared to enter on the subjects of study laid down for the lowest class. For advanced standing a completion of studies to that point in the course will be required.

Satisfactory testimonials of good moral character are in all cases required.

Applicants on arrival at the College must report themselves immediately to the President of the College.

The proper time—that is, the BEST time—for entering the classes is at the beginning of the scholastic year. Students are admitted, however, at the beginning of each term, or at any other time in the year, but if not fully prepared in the previous work of the class they are then obliged to make up their deficiencies by EXTRA EFFORTS during the term.

EXPENSES.

ESTIMATE FOR EACH TERM.

FIRST TERM.

Matriculation Fee.....	\$20.00
Board, (\$12.00 per month).....	54.00
Uniform, (two suits).....	30.00
Washing.....	6.00
Fuel and Lights.....	3.50
Incidental Fee, (embracing medical attendance).....	6.50
	<hr/>
	\$120.00

 \$85.00 IN ADVANCE.

SECOND TERM.

Board, (\$12.00 per month).....	\$54.00
Washing.....	6.00
Fuel and Lights.....	3.50
Incidental Fee, (embracing medical attendance).....	6.50

\$ 70 00
120.00

Total for One Session.....\$190.00

It is estimated that the books for each student will cost from \$10.00 to \$15.00. These books can be brought from home by the student, or will be furnished at the College, the student making a sufficient deposit therefor.

This College is especially designed for the education and improvement of the industrial classes, and hence it has been decided by the Directors that in time provision shall be made for the admission of students free of charge, upon condition that they work out their expenses.

QUARTERS FOR THE STUDENTS.

Students will be furnished rooms in the building free of rent, together with bedsteads, mattresses, tables, chairs, washstands, basins, and water-buckets.

Each student is required to bring with him, and keep himself constantly supplied with a sufficient supply of bed-clothing for his comfort, towels, etc., and underclothing sufficient for one year's wear.

Students will be required to take their meals at the Steward's Hall, and at each meal a Professor will be present.

SCHEDULE.

First Term begins Monday, October 6th, 1879.

Second Term begins February 14th, 1880.

Commencement Day fourth Wednesday in June, 1880.

SPECIAL NOTICE.

The President of the College is charged with the execution of such regulations as the Board of Directors may enact. He has no power to change any rule prescribed by the Board, and, when he does so, he becomes responsible for whatever may be lost to the College thereby.

Parties reading this catalogue, therefore, will please observe the rules laid down by the Board.

Books and stationery are not the property of the College,

or of the Professors, and are sold for cash. Students would do well, therefore, to make a deposit sufficient to meet all expenses for such articles.



TO THE PUBLIC.

The A. & M. College of Texas has finished its third scholastic year and has done much upon which to congratulate itself. It has been assailed by parties who are interested to prostrate it. It has not reviled again, when it has been reviled. It has sought to damage no school, by any word or deed, but has gone quietly along in the work assigned it, and has made sure the doctrine that the people are competent to decide. So harsh and general were criticisms upon the College at the meeting of the Legislature, that a committee was appointed to visit the institution and investigate its management. The report of the committee was all that the College could have asked, and all the country could have expected.

Young as the College is, it presents to the country the largest academic class of any Southern institution save one. Universities, by numbering professional students, show a greater number. Take the academic students, and our College surpasses them, as stated above. We attribute this success to the sagacity and generosity of the people, and to our methods of discipline and instruction.

We do not complain at the fiery ordeal through which we are passing, and have passed. We feel that it is proper to suffer that we may be strong. We know that the press of the State will ultimately do us justice; and will commend where it now condemns. The magnificent destiny that awaits this College is full recompense for all to be suffered in its accomplishment.

Its sons, strong in the instructions received in its halls, and in affection and gratitude, will soon appear among the rulers to vindicate the good name of the College and to secure the favor and fostering care of our fellow-citizens. Until that time comes, we appeal to the good people of the State to investigate, by personal information, the merits of

the College and the advantages it affords to those who may desire to acquire a good education.

A course of study has been adopted by the Faculty. This course was prepared to meet the wants of all classes. The first division is designed for those who propose to make themselves useful as farmers or commercial men. The second for those who shall adopt the pursuit of the Mechanic, Engineer or Architect, and the third for those who aim to embark in one of the learned professions or in literature. Intelligence is required for all pursuits. No matter how humble the calling, the more knowledge one has, the more cheerfully and successfully he will engage in its duties and discharge its obligations. It requires considerable powers of thought and comparison to enable a man to extract a proper measure of contentment from any occupation. A good education, therefore, is necessary in every department of human employment. That education alone can be called good, which makes a man master of himself and of every situation.

It is the intention of the Board of Directors to develop, as fast as possible, every feature contemplated in the organization of the College. During the present year experiments were had in wheat, oats and corn. The severe drouth in the early spring prevented the growth of small grain. Composts have been made, a large garden cultivated, and four hundred trees set out on the grounds. All this has been done without charge to the State.

One of the current rumors, industriously circulated by those who would damage us, is, that the College is supported by taxation. The truth is the State, neither by taxation nor otherwise, has paid one cent, for or on account of the College, since its organization. The United States Government gave the State land to endow the College, upon condition that the State would erect and equip buildings. The State accepted the grant with its conditions, and erected and partially equipped the buildings, and three years ago organized the College. Since that time not one cent has been given by the State. Nothing has been appropriated to put into opera-

tion the Agricultural and Mechanical departments. The United States Government equipped and furnished the Military department. The academic department has been developed, and as much prominence as possible has been given to those branches that relate to Agriculture and the Mechanic Arts. So far as possible the College farm has been supplied with implements, and the Faculty are hopeful that before long a model, experimental farm will be established.

Comparisons are always odious; but it may not be improper to state that Texas is perhaps the only State that has never made an annual appropriation for the advancement of higher education, and this College, the only one that has achieved and held high position; in the face of opposition from all sides, and without support from any. It is confidently believed that the State and the people will come to the aid of the College, equip it thoroughly, cherish it warmly, and make it correspond in capacity and appointments with the imperial area of Texas and the just expectations of mankind.

To do this, citizens, legislators, and all classes of people must cease to carp, and learn to assist. Half million dollars go annually from Texas to other States for Collegiate education, and that sum and more will continue to go, until equal facilities and opportunities are offered here. When that shall be done, the young men of Texas will gather in the halls of this College, and a State pride, worthy of indulgence, will animate the people.

Looking to the great interests involved, to the advancement of other States and communities in the march of an aggressive civilization, and then to the fact that the only State College of Texas has been three years on her soil and not one dollar has been given towards an equipment, we are encouraged by our success. By severe management the value of \$10,000 has been added to the buildings and College property.

Our Faculty is complete, our instruction full and most approved, our buildings of the very first quality, and our discipline firm, methodical and consistent.

The United States Government has furnished the College

with improved Cadet rifles, and with two six-pounders, caissons, &c.

The Faculty has every reason to be proud of the work done, as they are thankful to all the people and grateful to Almighty God.

With these expressions, the College is, for the fourth time, presented to the people of Texas for the education of the young men of the country, with the belief that in no other school can superior advantages be secured, and certainly no other college offers its instructions at rates so much within the means of all classes. It is believed, too, that the Legislature, acting in concert with the Governor, will, by the beginning of our next session, supply all that is needed to meet the demands made upon the College.



