

CATALOGUE

OF THE

Officers and Students

OF THE

Kansas State Agricultural College,

MANHATTAN, KANSAS.

1871-2.

MANHATTAN, KANSAS:
PRINTED AT THE OFFICE OF THE NATIONALIST.

1873.

BOARD OF REGENTS.

	Term Expires.
CHARLES REYNOLDS, D. D.....	<i>Fort Riley</i> ...1874
HON. B. J. F. HANNA.....	<i>Salina</i> ...1875
REV. R. D. PARKER.....	<i>Manhattan</i> ...1876
HON. H. J. STRICKLER.....	<i>Tecumseh</i> ...1876
HON. JOSHUA WHEELER.....	<i>Pardee</i> ...1877
HON. ALFRED GRAY.....	<i>Quindaro</i> ...1877
HON. GEORGE W. HIGINBOTHAM.....	<i>Manhattan</i> ...1877
L. STERNBERG, D. D.....	<i>Fort Harker</i> ...1878
HIS EXCELLENCY T. A. OSBORN, <i>Governor</i>	<i>Topeka</i> .
HON. W. H. SMALLWOOD, <i>Sec. of State</i>	<i>Topeka</i> .
HON. H. D. McCARTY, <i>Supt. Pub. Inst.</i>	<i>Topeka</i> .
REV. J. DENISON, D. D., <i>President</i>	<i>Manhattan</i> .

} *Ex-Officio
Members.*

Officers of the Board.

J. DENISON, D. D.....	<i>President.</i>
CHARLES REYNOLDS, D. D.....	<i>Vice President.</i>
REV. R. D. PARKER	<i>Secretary.</i>
E. B. PURCELL, ESQ.	<i>Treasurer.</i>
REV. E. GALE	<i>Loan Commissioner.</i>
HON. I. T. GOODNOW	<i>Agent for Sale of Lands.</i>
PROF. J. H. LEE.....	<i>Librarian.</i>
PROF. B. F. MUDGE.....	<i>Registrar.</i>
AMBROSE TODD.....	<i>Steward and Janitor.</i>

EXECUTIVE COMMITTEE.

J. DENISON, D. D., <i>Chairman</i>	<i>Manhattan.</i>
REV. R. D. PARKER, <i>Secretary</i>	<i>Manhattan.</i>
HON. B. J. F. HANNA	<i>Salina.</i>
CHARLES REYNOLDS, D. D.....	<i>Fort Riley.</i>
HON. H. J. STRICKLER.....	<i>Tecumseh.</i>
HON. ALFRED GRAY	<i>Quindaro.</i>
HON. GEO. W. HIGINBOTHAM	<i>Manhattan.</i>

FACULTY.

JOSEPH DENISON, D. D.,
President, and Professor of History, Political Economy, and Mental
and Moral Philosophy.

B. F. MUDGE, A. M.,
Professor of the Natural Sciences.

REV. J. H. LEE, A. M.
Professor of Latin and English Literature.

J. EVERTS PLATT, A. M.,
Professor of Mathematics and Teacher of Vocal Music.

DR. H. J. DETMERS, V. S.
Professor of Veterinary Science and Animal Husbandry.

Professor of Military Science and Tactics, and Civil Engineering.

MAJ. FRED. E. MILLER,
Professor of Practical Agriculture and Superintendent of the Farm.

REV. E. GALE,
Professor of Horticulture and Superintendent of the Nursery.

LIZZIE J. WILLIAMS,
Teacher of Drawing and Tutor.

HATTIE V. WERDEN,
Teacher of Instrumental Music.

JENNIE DETMERS,
Teacher of Chemistry and German.

AMBROSE TODD,
Superintendent of the Shop and Instructor in Mechanics.

S T U D E N T S .

Resident Graduates.

TODD, ALBERT.....Bluemont.
WILLISTON, S. WENDELL.....Manhattan.

Graduates, March, 1872.

HAINES, THEOPHANIA M.....Zeandale.
TODD, ALBERT.....Bluemont.
WILLISTON, S. WENDELL.....Manhattan.

College Classes.

SENIOR CLASS.

DAVIS, ELIZA Z.....Manhattan.
KIMBLE, SAMUEL.....Wild Cat Creek.

JUNIOR CLASS.

DENISON, EMMA J. ✓ *Bluemont.*
 MUDGE, EUSEBIA B. ✓ *Bluemont.*
 SANFORD, ALBERT H. ✓ *Zeandale.*

SOPHOMORE CLASS.

BROUS, HARRY A. ✓ *Blue Bottom.*
 CLARK, EDGAR F. ✓ *Manhattan.*
 DAVIS, WILLIAM B. ✓ *Manhattan.*
 GILBERT, WILLIAM D. ✓ *Grasshopper Falls.*
 GREEN, MARY E. ✓ *Blue Bottom.*
 HAINES, ANNA M. ✓ *Zeandale.*
 MCCLOURE, PATTISON F. ✓ *Junction City.*
 STEWART, ALICE E. ✓ *Bluemont.*
 WALKER, CLAUDIUS D. ✓ *Winchester.*
 WHITE, A. JUDSON. ✓ *Bluemont.*
 WHITE, WILLIAM F. ✓ *Bluemont.*

FRESHMAN CLASS.

CAMPBELL, ELLEN L. ✓ *Bluemont.*
 CAMPBELL, ALICE M. ✓ *Bluemont.*
 CALDWELL, STEWART S. ✓ *Iowa.*
 DENISON, GEORGE ✓ *Bluemont.*
 DAVIS, JOHN E. ✓ *Manhattan.*
 GALE, GEORGE A. ✓ *Manhattan.*
 GALE, ELLA M. ✓ *Manhattan.*
 HIGINBOTHAM, HORACE G. ✓ *Leavenworth.*
 HUGGINS, MYRA J. ✓ *Junction City.*
 KNIPE, LAURA B. ✓ *Bluemont.*
 KNIPE, MARY E. ✓ *Bluemont.*
 KIMBALL, CARRIE M. ✓ *Bluemont.*
 LOFINCK, REUBEN E. ✓ *Manhattan.*
 MOSES, GEORGE C. ✓ *Manhattan.*
 PARKERSON, HATTIE A. ✓ *Neosho Falls.*
 RUFT, LOUISA M. ✓ *New Eureka.*
 ROSE, EDGAR D. ✓ *Wabauinsee.*
 SOUPINE, JOHN C. * ✓ *Pleasant View.*
 THURSTON NETTIE, F. ✓ *Bluemont.*
 ULRICH, WILLIAM ✓ *Manhattan.*
 WHITE, J. DEWITT ✓ *Atlanta.*

* Deceased.

Preparatory Department.

SECOND YEAR.

GENTLEMEN.

BENSON, ALBERT L.	.....	Topeka.
BURROUGHS, CHARLES F.	.....	Bluemont.
*CLARK, WILLIAM J.	.....	Chetopa.
COLBURN, EDWARD F.	.....	Hays City.
CHENOWETH, SIMEON.	.....	Severance.
CORMACK, JOSEPH M.	.....	Junction City.
*CAMPFIELD, ELWIN.	.....	Centralia.
DAVIS, BUEL T.	.....	Junction City.
FORMAN, WILLIAM F.	.....	Centralia.
GILBERT, EMMERT H.	.....	Grasshopper Falls.
GRIFFING, JOHN S.	.....	Bluemont.
HALL, MARION J.	.....	Oskaloosa.
HANNA, EDWIN P.	.....	Salina.
HIPPLE, SAMUEL L.	.....	Monrovia.
HANCOCK, JOHN A.	.....	Iola.
HOWARD, WALTER C.	.....	Topeka.
HOUSTON, CHARLES S.	.....	Bluemont.
JACKSON, FRANK C.	.....	Manhattan.
JAY, JOHN W.*.	.....	Kit Carson.
JEFFREY, CHARLES H.	.....	Zeandale.
JELLISON, HORACE C.	.....	Cawker City.
LEEPER, GILBERT.	.....	Lawrence.
LITTLE, LAWRENCE A.	.....	New Eureka.
LAURENT, CHARLES L.	.....	Topeka.
LOWE, WILLIAM S.	.....	Salina.
LEE, FRANCIS C.	.....	Manhattan.
MALTBY, WILLIAM.	.....	Salina.
MARTIN, GEORGE T.	.....	Chetopa.
MURPHY, JAMES C. S.	.....	Irving.
PECKHAM, FRANK R.	.....	Manhattan.
PILLSBURY, A. JUFSON.	.....	Manhattan.

* Dismissed.

PIERCE, FRANKLIN M ^v	<i>Bluemont.</i>
POUND, BYRON H ^v	<i>Hiawatha.</i>
*PIERCE, WILLIAM H ^v	<i>Parkersville.</i>
PETTY, TRUMAN A ^v	<i>Pardee.</i>
QUINBY, FRANK B ^v	<i>Wakefield.</i>
REISNER, JOHN H ^v	<i>Atchison.</i>
RITCHIE, HALEY ^v	<i>Topeka.</i>
ROCKWELL, GEORGE A ^v	<i>Junction City.</i>
ROYSTER, LU ^v	<i>Yazoo City, Miss.</i>
RUST, EVERETT B ^v	<i>New Eureka.</i>
SMITH, MAHLON.....	<i>Waterville.</i>
STREETER, CHARLES A ^v	<i>Milford.</i>
VINCENT, WILLIAM D ^v	<i>Manhattan.</i>
WALKER, MARION D ^v	<i>Winchester.</i>
WEAVER, GEORGE L ^v	<i>Wabaunsee.</i>
WILSON, WILLIAM G ^v	<i>Junction City.</i>
WHEELER, CHARLES G ^v	<i>Pardee.</i>

LADIES.

BURROUGHS, J. ARLETT A ^v	<i>Bluemont.</i>
CAMPBELL, MARTHA C ^v	<i>Bluemont.</i>
CAMPBELL, FANNIE L ^v	<i>Bluemont.</i>
CHILD, ELLA S ^v	<i>Rocky Ford.</i>
DENNIS, ELLA N ^v	<i>Bluemont.</i>
DEARBORN, CARRIE A ^v	<i>Bluemont.</i>
DEARBORN, LEILA D ^v	<i>Bluemont.</i>
DOOLITTLE, FANNIE S ^v	<i>Grenada.</i>
GILBERT, ANNA E ^v	<i>Junction City.</i>
HIMES, ANNA P ^v	<i>Bluemont.</i>
HOYT, KATE S ^v	<i>Manhattan.</i>
HITCHCOCK, ELSIE A ^v	<i>Solomon City.</i>
KIMBLE, MARY A ^v	<i>Wild Cat Creek.</i>
LITTLE, HATTIE A ^v	<i>New Eureka.</i>
MITCHELL, ANGIE B ^v	<i>Junction City.</i>
MORGAN, LILLA M ^v	<i>Washington.</i>
PARKERSON, JULIA E ^v	<i>Manhattan.</i>
PARISH, EUGENIA F ^v	<i>Manhattan.</i>
PARISH, IDA H ^v	<i>Manhattan.</i>
PERRY, MARY E ^v	<i>Manhattan.</i>
PHILLIPS, MARGARET C ^v	<i>Blue Bottom.</i>
POUND, ISABELLA B ^v	<i>Hiawatha.</i>

* Dismissed.

PORTERFIELD, ELIZA J. ✓	.....	<i>New Eureka.</i>
SANFORD, SARAH A. ✓	.....	<i>Zeandale.</i>
STREETER, ABBIE J. ✓	.....	<i>Milford.</i>
WHITNEY, HATTIE E. ✓	.....	<i>Bluemont.</i>
WOODARD, JULIA M. ✓	.....	<i>Ashland.</i>

FIRST YEAR.

GENTLEMEN.

BILL, WILBER F. ✓	.....	<i>Bluemont.</i>
BROUS, ALFRED H. ✓	.....	<i>Blue Bottom.</i>
BEAL, CHARLES W. ✓	.....	<i>Ashland.</i>
DETMERS, HENRY EDWARD P. ✓	.....	<i>Manhattan.</i>
DICK, JAMES M. ✓	.....	<i>Oskaloosa.</i>
EDEE, MARION ✓	.....	<i>Holton.</i>
FINN, D. EMERSON ✓	.....	<i>Eskridge.</i>
FINN, CERENO C. ✓	.....	<i>Eskridge.</i>
FOOTE, OSCAR ✓	.....	<i>Zeandale.</i>
FORT, MATT W. ✓	.....	<i>Texas.</i>
FERRIS, EDWIN ✓	.....	<i>Lawrence.</i>
FIELDS, WILLIAM H. ✓	.....	<i>Manhattan.</i>
GREGG, HORACE P. ✓	.....	<i>Manhattan.</i>
GOODWIN, CHARLES H. ✓	.....	<i>Abilene.</i>
HAAS, ALEXANDER ✓	.....	<i>Leavenworth.</i>
HARDING, ROBERT ✓	.....	<i>Ashland.</i>
HAINES, HARVEY F. ✓	.....	<i>Manhattan.</i>
HOAR, SAMUEL J. ✓	.....	<i>Manhattan.</i>
HUMPHREY, LEWIS E. ✓	.....	<i>Milford.</i>
HOUSTON, NILE L. ✓	.....	<i>Bluemont.</i>
HORNER, WILLIAM H. ✓	.....	<i>Netawaka.</i>
JOHNSON, GOUGH ✓	.....	<i>Davenport, Iowa.</i>
KELLY, THEODORE A. ✓	.....	<i>Missouri.</i>
KNIFE, WILLIAM A. ✓	.....	<i>Bluemont.</i>
LITTLE, CHARLES C. ✓	.....	<i>New Eureka.</i>
MAYNARD, HENRY S. ✓	.....	<i>Troy.</i>
MCCONNELL, WILLIAM H. ✓	.....	<i>Minneapolis.</i>
MCCORMICK, LEVI ✓	.....	<i>Zeandale.</i>

MCBRIDE, J. HOWARD ✓	.....	Holton.
MORRIS, CHARLES H. S ✓	.....	Eureka Valley.
MONTGOMERY, FRANCIS A ✓	.....	Eskridge.
PATEE, JOHN S ✓	.....	St. Joseph, Missouri
PINKERTON, THOMAS E ✓	.....	Zenadale.
PLATT, JOHN W ✓	.....	Manhattan.
RIGGIN, EDWARD B ✓	.....	Lebanon, Ill.
ROPER, JOHN J ✓	.....	Irving.
RUSSEL, COLEMAN L ✓	.....	Wakefield.
SMITH, ALFRED A ✓	.....	Leavenworth.
SULLIVAN, BENJAMIN M ✓	.....	Manhattan.
SUTTON, JOHN T ✓	.....	Montgomery, Ohio.
WALKER, JOHN C ✓	.....	Pleasant Run.
WELSH, GEORGE W ✓	.....	Ann Arundel county, Md.
WAKE, GEORGE A ✓	.....	Wakefield.

LADIES.

BALDWIN, MARY L ✓	.....	Manhattan.
BATES, JENNIE M ✓	.....	Marysville.
BISHOP, JOSEPHINE M ✓	.....	Kit Carson, Colorado.
CAMPBELL, FLORA A ✓	.....	Bluemont.
CARNAHAN, MARTHA C ✓	.....	Carnahan Creek.
DODD, GENEVA ✓	.....	Fancy Creek.
ESDEN, MAGGIE E ✓	.....	Carnahan Creek.
FOREMAN, FANNIE M ✓	.....	Topeka.
GILLESPIE, MARTHA A ✓	.....	St. George.
GRISWOLD, FANNIE E ✓	.....	Wabaunsee.
GIDDINGS, MARY E ✓	.....	Table Rock.
HUNGERFORD, EFFIE ✓	.....	Union, Ill.
HIMES, PHOEBE E ✓	.....	Bluemont.
HOSMER, ETTA L ✓	.....	Manhattan.
HUNTINGDON, ETTA ✓	.....	Manhattan.
JACOBS, ADA E ✓	.....	Wabaunsee.
JACKMAN, ELLA M ✓	.....	Alert.
KEARNS, FLORENCE E ✓	.....	Big Blue.
KEARNS, AMELIA M ✓	.....	Big Blue.
KNIFE, LUCY A ✓	.....	Bluemont.
MORRIS, MARY E ✓	.....	Eureka Valley.
MCCREA, KATIE C ✓	.....	Clyde.
MALTBY, ELIZA J ✓	.....	Salina.
MALTBY, LUCRETIA ✓	.....	Salina.

MONTGOMERY, ELMAR I. ✓	Esleridge.
MCCREA, ANNA ✓	Clyde.
OWENS, LILLIE ✓	Leavenworth.
PETTY, HANNAH D. ✓	Pardee.
POMEROY, OLIVE I. ✓	Burlington.
REED, MARY C. ✓	Dover.
RICH, ELLA S. ✓	Minneapolis.
RHOADES, ANNA H. ✓	St. George.
RILEY, LIZZIE M. ✓	Manhattan.
SPANGLER, ALICE H. ✓	Auburn.
SIKES, MELVA E. ✓	Vienna.
SWEARINGEN, BELLE ✓	Marysville.
TAYLOR, EVA R. ✓	Manhattan.
THORP, ELSIE L. ✓	Manhattan.
TODD, IDA E. ✓	Topeka.
VANCE, MONA ✓	Myer's Valley.
WINNE, ELLA J. ✓	Bluemont.
WARNER, NANNIE E. ✓	Eureka Valley.
WOODARD, IDA F. ✓	Ashland.
WESTLAKE, MOLLIE C. ✓	Holton.

S U M M A R Y .

	Gentlemen.	Ladies.	Total.
RESIDENT GRADUATES.....	2		2
GRADUATES.....	2	1	3
SENIOR CLASS.....	1	1	2
JUNIOR CLASS.....	1	2	3
SOPHOMORE CLASS.....	7	3	10
FRESHMAN CLASS.....	12	10	22
SECOND PREPARATORY.....	48	27	75
FIRST PREPARATORY.....	43	44	87
TOTAL STUDENTS IN 1872.....	114	88	202

C A L E N D A R .

1873.

Winter Term BeginsJanuary 2.
Winter Term EndsMarch 26.
Spring Term BeginsApril 3.
Spring Term Ends.....June 25.
Fall Term BeginsSeptember 11.
Fall Term EndsDecember 24.

1874.

Winter Term BeginsJanuary 1.
Winter Term Ends.....March 25.
Spring Term BeginsApril 2.
Spring Term EndsJune 24.
Fall Term BeginsSeptember 10.
Fall Term EndsDecember 23.

CURRICULUM.

PREPARATORY DEPARTMENT.

FIRST YEAR.

FIRST TERM.—Arithmetic—written and mental, English Grammar, Latin Lessons, German, French.

SECOND TERM.—Arithmetic—written and mental, English Grammar, Latin Lessons, German, French.

THIRD TERM.—English Analysis, Arithmetic, Physical Geography, Cæsar, German, French.

SECOND YEAR.

FIRST TERM.—Drawing, Physical Geography, English Analysis, Cæsar, German, French, General History.

SECOND TERM.—Algebra, Book-Keeping, Drawing, General History, Natural Philosophy, Virgil, German, French.

THIRD TERM.—Algebra, Natural Philosophy, Cicero's Orations, German, French, Book-Keeping.

COLLEGIATE DEPARTMENT.

FRESHMAN CLASS.

FIRST TERM.—Algebra completed, Botany, Drawing, Chemistry, Salust, German, French.

SECOND TERM.—Chemistry, Geometry, Botany, Practical Horticulture, Anatomy, Georgics, German, French.

THIRD TERM.—Geometry, Zoology, Physics, Practical Horticulture, Physiology, Horace, German, French.

SOPHOMORE CLASS.

FIRST TERM.—Trigonometry, Physics, Comparative Physiology, Organic Chemistry, Agriculture, German, DeRustica, French.

SECOND TERM.—Agricultural Chemistry, Surveying, Physics, Morphology and Breeds of Horses, Agriculture, Livy, French, German.

THIRD TERM.—Mechanics, Optics, Conic Sections, Geology, Chemical Analysis, Farm Literature, Morphology and Breeds of Cattle, Hogs and Sheep, German, De Senectuti and De Amicitia, French.

JUNIOR CLASS.

FIRST TERM.—Analytical Geometry, Rhetoric, Geology, Medieval History, General Pathology and Clinic, Entomology, Military Science and Tactics, Mechanics.

SECOND TERM.—Civil Engineering, and Field Practice in Surveying, Meteorology, Logic, English Literature, Special Pathology and Clinic, Sylviculture, Pomology, Entomology, Military Science and Tactics.

THIRD TERM.—Special Surgery and Clinic, Astronomy, Political Economy, Horticulture, English Literature, Butler's Analogy, Military Science and Tactics.

SENIOR CLASS.

FIRST TERM.—Landscape Gardening, Mineralogy, Veterinary Jurisprudence and Clinic, Constitutional Law, Ornithology, Farm and Domestic Economy.

SECOND TERM.—Mental Philosophy, Art Criticism, the Dairy, the Flock, and the Hive, Farm Jurisprudence, Rural Architecture, Review of Languages studied.

THIRD TERM.—Moral Philosophy, Kames' Elements, the Dairy, the Flock, and the Hive, Outbuildings, Lawns and Fences, Review of Languages studied.

All the students are carefully exercised in Elocution, and are required to write an original Essay and to Declaim, at least as often as once in four weeks.

TIME TABLE.

FALL TERM.

FIRST HOUR.—Arithmetic.....	Prof. PLATT.
Latin Lessons.....	Prof. LEE.
Botany.....	Prof. MUDGE.
Exterior and Breeds of Horses.....	Prof. DETMERS.
Logic.....	Pres. DENISON.
Drawing.....	Miss WILLIAMS.
Instrumental Music. (N. E. Conservatory, Part 1st).....	Mrs. WERDEN.
SECOND HOUR.—English Grammar.....	Miss WILLIAMS.
Algebra.....	Prof. PLATT.
Chemistry.....	Miss DETMERS.
Meteorology.....	Prof. MUDGE.
English Literature.....	Prof. LEE.
Mental Philosophy.....	Pres. DENISON.
Instrumental Music, (N. E. Conservatory, Part 3rd).....	Mrs. WERDEN.
THIRD HOUR.—Virgil (<i>Æneid</i>).....	Prof. LEE.
French.....	Miss WILLIAMS.
Anatomy.....	Prof. DETMERS.
Surveying.....	Prof. PLATT.
Agricultural Chemistry.....	Miss DETMERS.
Instrumental Music (Czerney's Studies).....	Mrs. WERDEN.
FOURTH HOUR.—Natural Philosophy.....	Prof. MUDGE.
Geometry.....	Prof. PLATT.
Horticulture.....	Prof. GALE.
Virgil, (<i>Georgics</i>).....	Prof. LEE.
Astronomy.....	Miss WILLIAMS.
German.....	Miss DETMERS.
Instrumental Music, (Heller's Studies).....	Mrs. WERDEN.

- FIFTH HOUR.—Entomology, or Physics.....Prof. MUDGE.
 Livy.....Prof. LEE.
 Civil Engineering.....Prof. PLATT.
 Art Criticism.....Miss WILLIAMS.
 Instrumental Music, (N. E. Con-
 servatory, Part 2nd).....Mrs. WERDEN.
- SIXTH HOUR.—Clinic.....Prof. DETMERS.
 Afternoon Laboratory Practice.....Miss DETMERS.
- SEVENTH HOUR.—Oil PaintingMiss WILLIAMS.
 Music.....Prof. PLATT.
- From seven to ten hours practical instruction in Agriculture, under
 Superintendent MILLER; in Horticulture, under Superintendent
 GALE; and in Mechanics, under Superintendent TODD.

WINTER TERM.

- FIRST HOUR.—Book-keeping.....Maj. MILLER.
 Zoology.....Prof. MUDGE.
 Exterior and Breeding of Live Stock..Prof. DETMERS.
 CaesarProf. LEE.
 Moral Philosophy.....Pres. DENISON.
 Drawing.....Miss WILLIAMS.
 Arithmetic.....Prof. PLATT.
 Instrumental Music, (N. E. Con-
 servatory, Part 3rd).....Mrs. WERDEN.
- SECOND HOUR.—Chemistry.....Miss DETMERS.
 Cicero, (Orations).....Prof. LEE.
 Conic Sections.....Prof. PLATT.
 Political Economy.....Dr. DENISON.
 Botany, or Physical Geography.....Prof. MUDGE.
 Instrumental Music, (Czerney's
 Studies).....Mrs. WERDEN.
- THIRD HOUR—Anatomy.....Prof. DETMERS.
 GeometryProf. PLATT.
 HoraceProf. LEE.
 FrenchMiss WILLIAMS.
 Instrumental Music, (N. E. Con-
 servatory, Part 1st).....Mrs. WERDEN.

FOURTH HOUR.—Natural Philosophy.....Prof. MUDGE.
 Algebra.....Prof. PLATT.
 German.....Miss DETMERS.
 De Senectute.....Prof. LEE.
 Horticulture.....Prof. GALE.
 Drawing.....Miss WILLIAMS.
 Instrumental Music, (N. E. Con-
 servatory, Part 2nd).....Mrs. WERDEN.

FIFTH HOUR.—Pathology and Surgery.....Prof. DETMERS.
 Oil Painting.....Miss WILLIAMS.
 History.....Prof. LEE.
 Geology.....Prof. MUDGE.
 Instrumental Music, (Cramer's
 Studies).....Mrs. WERDEN.

SIXTH HOUR.—German.....Miss DETMERS.
 Clinic.....Prof. DETMERS.
 Vocal Music.....Prof. PLATT.

From seven to ten hours practical instruction in Agriculture, under
 Superintendent MILLER; in Horticulture, under Superintendent
 GALE; and in Mechanics, under Superintendent TODD.

SPRING TERM.

FIRST HOUR.—Arithmetic.....Prof. PLATT.
 Drawing.....Miss WILLIAMS.
 Cæsar.....Prof. LEE.
 Botany.....Prof. MUDGE.
 Pharmacology, Veterinarian Juris-
 prudence.....Prof. DETMERS.
 Cultivation of Soils.....Maj. MILLER.
 Landscape Gardening.....Pres. DENISON.
 Instrumental Music, (N. E. Conserv-
 atory, Part 1st).....Mrs. WERDEN.

SECOND HOUR.—Trigonometry.....Prof. PLATT.
 Organic Chemistry.....Miss DETMERS.
 Sallust.....Prof. LEE.
 Modern History.....Pres. DENISON.
 Astronomy.....Miss WILLIAMS.
 Instrumental Music, (Czerney's
 Studies).....Mrs. WERDEN.

THIRD HOUR—French.....Miss WILLIAMS.
 Physics.....Prof. MUDGE.
 Physiology.....Prof. DETMERS.
 De Rustica.....Prof. LEE.
 Rhetoric.....Pres. DENISON.
 Analytical Geometry.....Prof. PLATT.
 Instrumental Music, (N. E. Con-
 servatory, Part 2nd).....Mrs. WERDEN.

FOURTH HOUR.—German.....Miss DETMERS.
 Drawing.....Miss WILLIAMS.
 Algebra.....Prof. PLATT.
 Entomology.....Prof. MUDGE.
 English Literature.....Prof. LEE.

FIFTH HOUR.—Latin Lessons.....Prof. LEE.
 Oil Painting.....Miss WILLIAMS.
 Geology.....Prof. MUDGE.
 General Pathology.....Prof. DETMERS.
 Instrumental Music, (Heller's Studies).....Mrs. WERDEN.
 Mineralogy.....Miss DETMERS.

SIXTH HOUR.—Clinic.....Prof. DETMERS.

SEVENTH HOUR.—Vocal Music.....Prof. PLATT.
 Laboratory Practice.....Miss DETMERS.

From seven to ten hours practical instruction in Agriculture, under
 Superintendent MILLER: in Horticulture, under Superintendent
 GALE: and in Mechanics, under Superintendent TODD.

Students laboring in the Agricultural, Horticultural and Mechanical
 Departments are paid by the hour.

AGRICULTURE.

Those sciences relating to Agriculture, Meteorology, Physics, Botany, Vegetable Physiology, Entomology, Geology, Zoology, Animal Physiology, Anatomy, Veterinary Science, Chemistry, Surveying, Leveling and Landscape Gardening, are taught, so far as the condition of the College treasury will permit.

Opportunity is furnished Students, desiring so to do, to labor four hours per diem, and all of Saturday, on the College farm—in planting, cultivating and harvesting crops; in making and repairing tools, hedges, fences, drains, lawns, walks, drives, &c. &c.

After the completion of suitable farm buildings, the purchase of necessary appliances, and the advent of representative live stock—thus making complete the intricate machinery of Agricultural Economy, with its connecting balances and compensations—the application of the above named sciences to the Art of Agriculture will be more fully illustrated and enforced.

The present means of illustration consists of a farm of 255 acres—chiefly prairie upland,—and, in process of erection, a wing to a stock barn, 46 by 96, two stories high, to be fitted up with the most approved modern conveniences. There are three powerful mule teams, with wagons, harness, gang and other turning and subsoil plows, cultivators, harrows, roller, seed drill, reaper and mower, &c.

Experiments are in progress, testing the efficacy of subsoiling, and various processes of cultivation; the application of fertilizers, and the adaptability of new varieties of seeds to this climate. As fast as means are provided, more comprehensive experimentation will be inaugurated.

HORTICULTURE.

This department has now at its command, for the purpose of practical instruction, a valuable and carefully selected nursery of fruit and forest trees; an orchard of apples, pears and peaches: and also a vineyard; embracing in all, forty-five acres,—to which additions will be made during 1873.

Special attention is given to the experimental cultivation of forest trees, both deciduous and evergreen. Experiments are in progress with reference to modes and times of grafting: also, extensive experiments with reference to the adaptability of different varieties of fruit to our climate and soil.

The work in the orchard, vineyard and forest nursery, and ornamental department, will be performed, as far as practicable, by the students, under the direction of the superintendent.

A course of Lectures, extending through at least two terms in the year, will be given by the Superintendent of Horticulture, upon Pomology and Sylvaculture, which all students in the regular course are expected to attend. These lectures, in connection with the instruction given in Structural and Systematic Botany, Elementary, Organic and Analytical Chemistry, Entomology, Meteorology, Landscape Gardening and Drawing, will furnish to all students desiring it, a thorough course in Horticulture.

Full Course in Veterinary Science.

	<i>First, or, Spring Term.</i>	<i>Second, or Fall Term.</i>	<i>Third, or Winter Term.</i>
FRESHMAN YEAR..		Anatomy.	Anatomy and Physiology.
SOPHOMORE YEAR.	Physiology	Exterior and Breeds of Horses..	Exterior and Breeds of Cattle, Hogs and Sheep.
JUNIOR YEAR.....	General Pathology and Clinic..	Special Pathology and Clinic..	Special Surgery and Clinic.
SENIOR YEAR.....	Veterinary Jurisprudence, Pharmacology and Clinic.		

Miscellaneous Items.

RELIGIOUS SERVICES.

Preaching every Sabbath afternoon, at the College, by clergymen of the different denominations.

REQUIREMENTS FOR ADMISSION.

Candidates for admission to the Preparatory Department, must be fourteen years of age, and pass a satisfactory examination in reading; in arithmetic, through ground rules and common and decimal fractions; in English grammar, to syntax; and in geography: also a written examination in spelling.

DEPARTMENT AND SCHOLARSHIP.

A Roll of Merit and Demerit will be kept of each recitation, and the standing of each student faithfully made out at the end of each Term. This standing will be registered in the College Records, and opened to the inspection of parents and guardians of the students. A certificate of the standing, showing the department and scholarship of the student, will be sent to the parent or guardian when requested.

EXAMINATION.

The last four days of each term will be occupied in oral and written examination of the classes in all the departments.

EXHIBITION.

The Exhibition of the Academic and Preparatory Department occurs at the close of the Fall Term: the Commencement Exercises at the close of the academic year.

DEGREES.

"The Degrees conferred by this College, upon its graduates, shall be Bachelor of Science (S. B.) and Bachelor of Arts (A. B.); to be followed by the Master's Degree on the usual conditions.

The degree of S. B. will imply a thorough acquaintance with those branches of study connected with agriculture and the mechanic arts, together with a knowledge of at least one modern language.

The degree of A. B. will imply attainments in mathematics, science and literature equal to those required by other colleges: a thorough knowledge of Latin, and either German or French, as well as a competent knowledge of those branches which it is the main design of this college to teach.

MUSIC.

Vocal Music is taught in classes throughout the year, with excellent success. A graded system of Instrumental Music (organ, piano, melodeon, guitar) has been adopted in accordance with the most approved methods, by which the pupils are taught in classes, and pass regular examinations, as in other studies.

During the year two new instruments—an organ and a piano,—of excellent quality, have been added to this department.

EXPENSES.

TUITION is FREE in all the departments.

BOARD

At the Boarding House, (A. Todd, Steward) \$3.50 per week, payable monthly in advance, at the office of the Treasurer. Students furnish their own rooms, except stove and bedstead. Wood, washing and lights furnished by the Steward at reasonable rates.

A number of students board themselves at less expense.

RULES.

Each person who seeks to become a member of the College must present to the Faculty satisfactory testimonials of good moral character.

All students are required to faithfully perform the duties and exercises, and to pursue the studies assigned them by the Faculty, and promptly to give suitable reasons for tardiness in the performance of any of their duties, or absence from them.

Undue social attentions will not be allowed.

Any student who is idle or vicious, or whose moral character is bad, or whose influence is decidedly detrimental, in the opinion of the College Government, to the literary and moral interests of the College, may be reprimanded, suspended, dismissed or expelled, at the discretion of the Faculty, and their parents or guardians notified of the same.

Any student who, without just cause, shall fail to attend the examination, will be considered as under censure, and will not be allowed to advance with his classes without suitable amends.

Those who leave the College during the term time, without permission, will be liable to suspension or expulsion.

No student will be permitted to leave any class without the consent of the Faculty.

No meeting of the students can be held in the College, for the transaction of any kind of business, unless by permission of the Faculty.

Any student who shall injure or deface the buildings, in addition to such penalty as the Faculty may see fit to inflict, will be subject to the expense occasioned by the necessary repairs.

Habitual indolence, inattention to study, playing cards, or other games of chance, and attending balls in term time, will be regarded as offenses against the laws and the spirit of the institution, and will be made the subject of such discipline as the Faculty may deem expedient.

SOCIETIES.

AMATEURS OF SCIENCE :

Meet once in two weeks. Qualification for membership—a written examination in three branches of Natural Science.

B. F. MUDGE, *Pres't*

L. J. WILLIAMS, *Sec'y.*

WEBSTER SOCIETY :

Organized October 10, 1868. Chartered January 1871. Meets each Saturday evening.

SAMUEL KIMBLE, *Cor. Sec'y.*

ALPHA BETA :

Organized October 17, 1868. Chartered December 20, 1870. Meets each Saturday evening.

WM. D. GILBERT, *Cor. Sec'y.*

YOUNG MEN'S CHRISTIAN ASSOCIATION :

Organized February, 1872. Devotional exercises Sabbath evenings.

A. H. SANFORD, *Pres't.*

E. R. RUST, *Sec'y.*

ENDOWMENT.

The Endowment of the KANSAS STATE AGRICULTURAL COLLEGE was eighty-two thousand two hundred and sixteen acres of land, granted by act of Congress, of the 2nd of July, 1862. About one half of the land has been sold, and has created a fund of over \$180,000.

The larger part of this is in notes of parties who have purchased the land, and is bearing ten per cent. interest.

The portion paid in has been placed in the hands of the Regents to invest, and they have directed their Loan Commissioner, (E. GALE, Manhattan,) to purchase directly of School Boards, School District Bonds, legally issued. Thus they can pay the full market price of these bonds directly to the District, and make one educational fund of the State aid another.

APPARATUS, CABINET, LIBRARY, ETC.

The College is provided with a good assortment of Philosophical and Chemical Apparatus, sufficient to perform all experiments required in teaching Natural Philosophy and Chemistry. Valuable additions are being made from time to time, to supply the increasing wants of the Institution. An excellent Microscope, with three oculars and four lenses, (No's 2, 5, 8 and 10) magnifying eleven hundred diameters, has just been procured from Germany.

The Cabinet, donated by Prof. Mudge, consists of a very extensive variety of minerals and ores, collected by him during a residence of twenty-five years in New England. Many of them are quite rare and valuable. In addition to this, the College possesses a good collection of specimens, from various parts of this State, illustrating the geology of Kansas. To these, specimens are constantly being added. This Cabinet is of great value in pursuing the studies of Agriculture, Geology, Mineralogy and kindred Sciences.

The Library has nearly three thousand volumes, and will be increased by yearly accessions.

Skeletons, Models of the Eye, Plates and Diagrams, are provided for the use of the students of Anatomy and Physiology.

There is a fine assortment of plates, models and drawings provided for the department of Fine Arts.

A small blacksmith and carpenter shop affords a beginning to the department of Mechanics.