

Long Papers *B*

INTRODUCTORY. *(small piece borrowed)*

Agricultural and Mechanical Colleges in the United States owe their origin to an act of Congress, entitled "An act donating public lands to the several States and Territories which may provide colleges for the benefit of agricultural and mechanic arts," approved July 2, 1862. The amount of land donated was 30,000 acres for each Representative in the National Congress. Under this allotment Kentucky received 330,000 acres. Several years elapsed before the Commonwealth established an Agricultural and Mechanical College under the act. When established, it was not placed upon an independent basis, but was made one of the Colleges of Kentucky University, to which Institution the annual interest of the proceeds of the Congressional land grant were to be given for the purpose of carrying on its operations. The land scrip had meanwhile been sold for fifty cents per acre, and the amount received—\$165,000—invested in six per cent. Kentucky State bonds, of which the State became the custodian in trust for the College.

The connection with Kentucky University continued till 1878, when the act of 1865, making it one of the colleges of said University, was repealed, and a Commission was appointed to recommend to the Legislature of 1879-'80 a plan of organization for an Institution including an Agricultural and Mechanical College such as the necessities of the Commonwealth require. The city of Lexington offered to the Commission (which was also authorized to recommend to the General Assembly the place, which, all things considered, offered the best and greatest inducements for the future and permanent location of the College) the City Park, containing fifty-two acres of land, within the limits of the city, and thirty thousand dollars in city bonds for the erection of buildings. This offer the county of Fayette supplemented by twenty thousand dollars in county bonds, to be used either for the erection of buildings or for the purchase of land. The offers of the city of Lexington and of the county of Fayette were accepted by the General Assembly.

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By the act of incorporation, and the amendments thereto, constituting the charter of the Agricultural and Mechanical College of Kentucky, liberal provision is made for educating, free of tuition, the energetic young men of the Commonwealth whose means are limited. The Normal Department, for which provision is also made, is intended to aid in building up the Common School system by furnishing properly qualified teachers. This College, with the associated departments which will, from time to time, be opened as the means placed at the disposal of the Trustees allow, will, it is hoped, in the no distant future, do a great work in advancing the educational interests of Kentucky. Being entirely undenominational in its character, it will appeal with confidence to people of all creeds and of no creed, and will endeavor, in strict conformity with the requirements of its organic law, to afford equal advantages to all, exclusive advantages to none. The liberality of the Commonwealth in supplementing the inadequate annual income arising from the proceeds of the land scrip invested in State bonds will, it is believed, enable the Trustees to begin and carry on, upon a scale commensurate with the wants of our people, the operations of the institution whose management and oversight have been committed to them by the General Assembly of Kentucky.

Turner

Brew

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Board of Trustees of the Agricultural and Mechanical College ^{S.P.C. (Kc)}
of Kentucky.

Chairman & officio ^(Brew)
(Ital)

Hon & cllency Wm J. Forster Knott. (cops)

Secretary (Ital)

Assistant Secretary

James R. Patterson

Trustees whose term of office expires January 10 1888 (Brew Ital)
(18 piece) (8 piece)

Judge Wm B. Kin Read ----- Lumpkin

& Chief Justice B. J. Peters Montgomery County

Genl. D. C. Bull Louisville

Hon W. H. Mad worth Mason County

Trustees whose term of office expires January 10 1890

Hon. J. M. Un tham Bell County

Philip Brid Esq Shelby County

Genl. S. B. Buck ner Hart County

Dr. R. J. Spur ray Fayette County

Brew

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Trustees whose term of office expires January 10 1892

Capt. W. D. Nicholas

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Hon. R. A. Spurr

Haystack Co.

Col. L. J. Bradford

Levinston

Dr. J. D. Clardy

Christian Co.

Executive Committee

Indy W. B. Kirkhead Chairman

x -----

Col. L. Bradford

x -----

Dr. R. J. Spurr

Levins R. Patterson Asst. Secretary

Long Primer

The ensuing vacancies in the Executive Committee consequent upon the not re-appointment of the term of office of Trustees P. P. Johnston and R. S. Bullocke will be filled by the Board at its annual meeting.

(over)

Faculty of ^{S.P.C. (copy)} Instruction

(= Put each line in center)

James K. Patterson Ph.D., A.S.A. President,

Professor of Metaphysics and Civil History. - (lc)

Robert Peter M.D.

Professor of Chemistry and Experimental Physics

John Shackelford A.M.

Professor of the English Language and Literature.

James White

Professor of Mathematics, Physics and Astronomy.

A. R. Randall A.M. Ph.D.

Professor of Natural History and Director of the Med. Dept.

A.M. Helati

Professor of the French and German Languages and Literature.

John H. Arvill A.M.

Professor of the Latin and Greek Languages and Literature.

Maurice Kirby A.M.

Professor of Moral and Political Philosophy and Principal of
the Normal Department.

Albert A. Mentee

Professor of Agricultural Chemistry, Agriculture and Horticulture.

Bones

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J. R. Potter A.B.

Professor of Theory and Practice of Teaching (1c)

H. E. Phelps 1st Lieut. U.S.A. Commandant

Professor of Civil, Mechanical and Mining Engineering and Military Science

Walter R. Patterson

Principal of the Preparatory Department

J. M. L. Ponce M.S.

Instructor in Book-keeping and Assistant in Preparatory Dept.

W. D. Lambuth A.B.

Instructor in Latin and Greek and Assistant in Prep. Dept.

L. L. McLean

Assistant in Preparatory Department

Alfred M. Peter M.S. Assistant Professor of Chemistry

David King,

Professor of Practical Mechanics

James Morris Jones M.S. Practical Agriculture Horticulture

William B. Maple

E. H. D. White

Instructors in Prep Dept.

2

ANNUAL REGISTER

OF THE

STATE COLLEGE

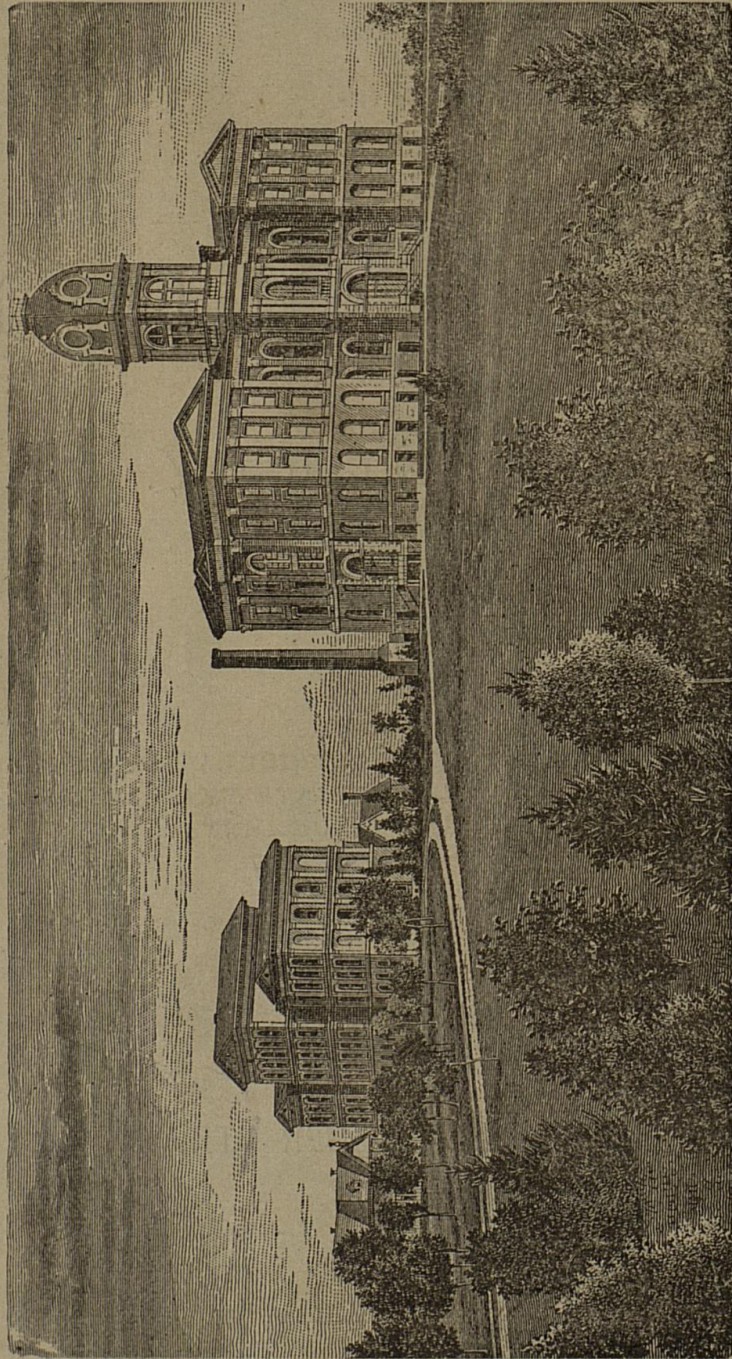
OF KENTUCKY.

STATEMENT OF THE CONDITION, MATRICULATES, AND COURSE
OF STUDY FOR THE COLLEGIATE YEAR 1884-5, 5-6
WITH THE ANNOUNCEMENTS
FOR 1885-6, 6-7

SESSION BEGINS

WEDNESDAY, SEPTEMBER 8th, 1885⁶

~~S. F. WILSON,
BOOK AND JOB PRINTER,
LEXINGTON, KY.~~



COLLEGE BUILDING.

DORMITORY.

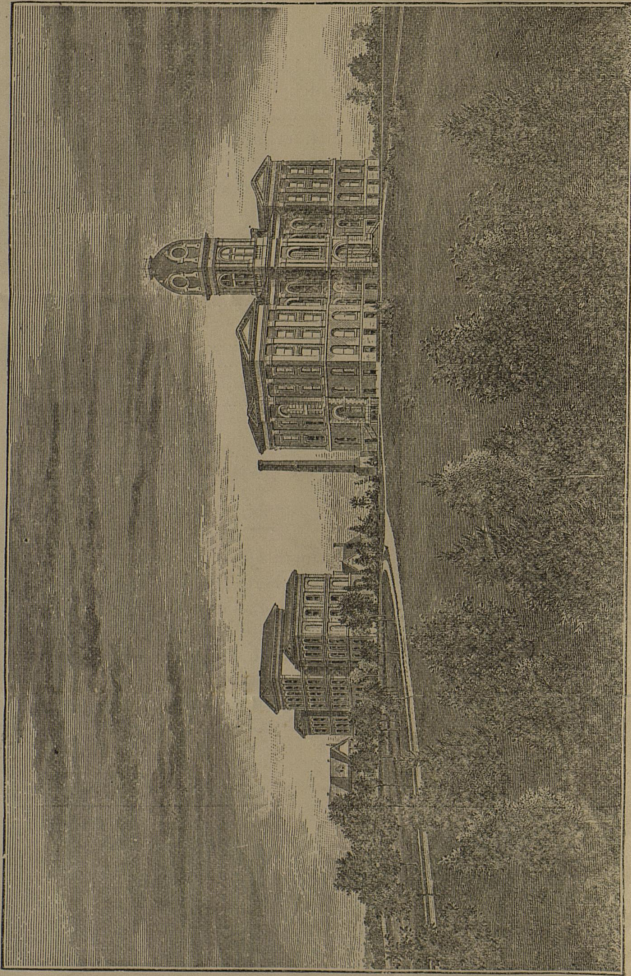
PRESIDENT'S HOUSE,

A. T. M. College
W. J. R. Morgan

July	25	Wd	2 Shors	50
Aug	25	"	Mending bolster	75
"	27	"	8 Shors	2 00
				<hr/>
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ATM College

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STATE COLLEGE OF KENTUCKY.

BOARD OF TRUSTEES.

CHAIRMAN EX OFFICIO,

His Excellency, Governor J. Proctor Knott.

Maj. R. S. Bullock	Lexington.
Col. L. J. Bradford	Covington.
Hon. A. R. Boone	Mayfield.
Hon. P. P. Johnston	Fayette County.
Judge W. B. Kinkoad	Lexington.
Judge B. J. Peters	Mt. Sterling.
Judge A. G. Rhea	Russellville.
Hon. J. M. Unthank	Bell County.
Philip Bird, Esq.	Shelby County.
Gen. S. B. Buckner	Hart County.
Dr. R. J. Spurr	Fayette County.

FACULTY.

JAMES K. PATTERSON, Ph. D., F. S. A.,
President, Professor of Metaphysics, Civil History.

ROBERT PETER, M. D.,
Professor of Chemistry and Experimental Physics.

JOHN SHACKLEFORD, A. M.,
Professor of the English Language and Literature.

JAMES G. WHITE,
Professor of Mathematics, Physics, and Astronomy.

A. R. CRANDALL,
Professor of Natural History and Director of the
Mechanical Department.

C. R. TYLER, Second Lieutenant U. S. A.,
Professor of Civil, Mechanical, and Mining Engineer-
ing, Drawing, and Military Science.

F. M. HELVETI,
Professor of the French and German Languages and
Literature.

JOHN H. NEVILLE, A. M.,
Professor of the Latin and Greek Languages and Lit-
erature.

MAURICE KIRBY, A. M.,
Professor of Moral and Political Philosophy, and Prin-
cipal of the Normal Dept.

ALBERT A. MENKE,
Professor Agricultural Chemistry, Horticulture, and
Agriculture.

WALTER K. PATTERSON,
Principal of the Preparatory Department.

W. G. THORNBURY,
Instructor in Practical Mechanics.

M. L. PENCE, B. S.,
Professor of Book-keeping and Assistance in Prepar-
atory Department.

J. W. TAYLOR,
Instructor in Greek and Latin.

FELIX I. BARTON,
Tutor in Preparatory Department.

The Agricultural and Mechanical College of Kentucky, established in 1866, and reorganized and placed on an independent and undenomination basis in 1880, affords facilities for a wider and more extended range of instruction, than any College in Kentucky. It has a Faculty of fifteen Professors and Instructors. It provides Agricultural and Mechanical, Scientific, Engineering, Normal School, Classical and Commercial courses of study. Its buildings are all new; its Chapel and Recitation rooms, large and commodious; lighted by gas and heated by steam. Its main building has capacity for instructing 600 pupils.

Each Legislature Representative district is entitled to send four properly prepared students, free of tuition. The qualifications for entering under this appointment, are Reading, Writing, English Grammar, Geography and Arithmetic. Appointments are made by the County Court. When the County Court fails to appoint, an appointment made by the County Judge, or by the Representative or Senator of the District, will be recognized. Each county is also entitled to send four teachers, or persons preparing to teach, to the Normal School Department, free of tuition. Appointments for the Normal School Department may be made by the Common School Commissioner.

For the benefit of those whose means are small, provision is made for board and lodging in the dormitory, a large four story brick building on the College grounds. For appointees occupying a room in the dormitory, the necessary expenses will be as follows:

Tuition	\$0 00
Room fee	5 00
Matriculation	5 00
Cost of furnishing room, about	10 00
Fuel and gas	8 00
Washing	10 00
Board, 38 weeks at \$2.25 per week	85 50
Books, about	10 00
Total	\$133 50

Each room must be provided by the occupants thereof with neat and comfortable bed and bedding, table, washstand, looking glass, chairs, bowl and pitcher, water and slop buckets.

The furniture bought at the outset can be sold at the end of the collegiate year or retained for further use, at the option of the owner.

For students who are not supplied with appointments from the Legislative Representative Districts of the Commonwealth, and who board in private families, the necessary expenses will be as follows:

Tuition fee	\$15 00	
Matriculation fee	5 00	
Board and lodging, 38 weeks, at \$4 to \$5 per week,	152 00 to	190 00
Washing	10 00	
Books and stationery	10 00	
Total	\$190 00 to	\$240 00

Compensated labor will be furnished by the College to a limited number to assist them in providing for their maintenance while at the College.

The aim of this Institution, supported partly by an income derived from lands given by the General Government, and partly by the State, is to bring a good education within the reach of those, to whom it has hitherto been practicably denied. It aims to give an education of a practical character to the industrial classes. It aims moreover to cheapen education, and to help those to obtain it, who desire to help themselves.

For catalogues and other information, address Judge William B. Kinkead, Chairman of the Executive Committee, or Jas. K. Patterson, Ph. D., President of the College.

(Breiner)

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Experiment Station of the State College of Kentucky

(S.P.C.)

Board of Control

Judge W. B. Kimball

Dr R. J. Spurr

Col. L. J. Bradford

Geo R Patterson President of the College

M. A. Scovell ^{M.S.} Director of the Station

Executive Committee

Officers of the Station

M. A. Scovell M.S. Director

Robert Peter M.D. Professor of Chemistry.

A. R. Cozad A.M. Professor of Botany

A. E. Allen D.Sc. F.C.S. Professor of Agriculture and Agri. Chem.

A. T. Parton Microscopist.

A. M. Peter M.S. Ass't. in Chemistry.

James Murray Practical Agriculture & Horticulture

(non-P) * Vacancies to be filled by Board of Trustees

10

Graduates of 1883-4 S. P. Leland

Thomas Hunt Morgan ~~Lee~~

William Permitt

Robt. Lee Permitt

Amis James Westernfield

Allen Claude

Allin Peter Duna

Anderson Richard Thomas

Arnett I

Flat Lake

Lexington

McAfee

Lexington

Salysville

Baker Annie

Baker Bertha

Baker Noah Cross

Baker Sallie Bell

Barr Robt. McCreary

Bartlett Frederick Vincent

Basham Arthur Peyton

Bealst Alice

Benthall James Lewis

Berry Barley Dawson

Berry Henry Stillman

Bird Bettie Clark

Bosworth So. Hrazer

Bosworth Madison Adams

Bonnyman Alexander

Boyd Clarence

Buckler Robt.

Alex. Houston

St. Allen

Redd

Lexington

Lexington

Lexington

Lexington

Lexington

Lexington

Stephensport

Lexington

Oakton

Berry

Lexington

Bagdad

Slitaway

Lexington

Lexington

Minerva

Mount Olivet

Lexington

Willisburg

Lexington

Shreve

Leesburg

Brown	Robt. Anderson	Meadow Creek
Brownell	Claude Sylvester	Louisville
Boonston	Alice Julia	Richmond
Boyan	George Earl	Windom
Bryant	Robt Milligan	Windom

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Calhoun	Clarence Chapman	Orwinstown
Calhoun	Lelia Zevilda	Orwinstown
Cassidy	John Cabell	Bethany
Cassell	Robt. Lee	Windom
Coons	Annie	Lexington
Coover	William Ellsworth	Angola, Ind.
Cochrane	Clara Warfield	Lexington
Coyle	Harry Bodley	Russell Cave
Curtis	Henry Ernest	Greendale
Curtis	Richard Allen	Greendale
Curtis	Susie Spurr	Greendale
Check	Blanche	Lexington
Clay	Laura	Lexington
Clubb	H.	St. Pleasantsville
Clubb	B.	Franklin
Conne	Floyd Jacob	Louisville
Conford	Victor Lee	Milton

<u>Drane</u> <u>Harry</u> <u>Foster</u>	<u>Lexington</u>
Dr Conroy James Osborne	Greenville
Dr Logan Charles E	Williamsburg
Dr Roode Rudolph John Julius Jr.	Lexington
Denny Franklin Clark	Geodora
Denny Joseph Ambrose	Geodora
Denny William Butler	Geodora
Dillard Florence Dudley	Lexington
Dodds Sydney Lee	Hickman
Dolan Thomas Francis	Rineyville
Dowis Green Elliott	Woodbine
Doty Lawrence Izal	Orwinton
Dunville R. W. Anderson	Slaughtersville

Eversole John Cornett	Hazara
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Harley Edward Young	Lexington
Harnan William	Lexington
Henny Augustus	Payne's Depot
Henny Michael	Payne's Depot
Helix Charles William	Claton
Fitzgerald John Edmund	Lexington
Fitzpatrick Rufus	Bronside
Horston Her Keene Richard	Lawrenceburg
Hlanzey Jacob Widdington	Newfoundland
Hlanzey William Harvey	Newfoundland
Hraze Hugh Miller	Lexington
Hraze Mary Francisco	Lexington
Hrazonam John	Hulton

Haggard Leonard	Winchester
Haggard Gordon Augustus	Winchester
Hamerick Florence Bodley	Lexington
Hanson Jennie Magie	Parris
Hardwick J W	Stanton
Hardisty Hattie Belle	Lexington
Hardisty Francis Leonard	Lexington
Harrison Lena Tilford	Lexington
Hatcher James Samuel	Pastonsburg
Hatcher John William	Pastonsburg
Hick John Neal	Rockport
Hinsley Henry M	Big Lake
Horr Hardin Helen	Ormsboro
Hill Thomas Chestin	Sharp
Hring Charles	Lexington
Howard Lyons	Calloway
Howard William Harry	Wallen's Creek
Howerton Virgie May	Parris
House Robt. Edmund Lee	Manchester
Hodges Mary	Lexington
Holladay Ben Lewis	Pink Cove
Holliday Lucy Ann	Lexington
Hornbrook Ernest Adams	Lexington
Hornbrook Fannie Adams	Lexington
Hornston Amanda	Lexington
Hornston Price	Lexington
Hunt Leonora Irene	Lexington
Hunter William M	Spears
Hugzely Evert Marston	Richmond

Garrod	Wlysses Anderson	Louisa
Garrod	Lee Alvin Hatten	Louisa
Gay	Katie Suddath	Lexington
Gay	Fannie Mary	Lexington
Gibson	Canton James	Dayton
Gibson	Elizabeth Dunster	Lexington
Golden	Ben. Bristol	Barboursville
Gormley	Philip	Lexington
Grithie	Wallace Cox	Flag Fork
Gunn	Robert Travis	Lexington
Gunn	John	Lexington
Gunn	Belle Clement	Lexington
Graves	Sidney Montgomery	Lexington

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Hunt Richard Eugene	Lexington
Hurst William D.	Pineville
Ingram Marie Letitia	Henderson
Ingram Mary Annie	Henderson
Innes Geo. Whitney	Russell Cave
D	
Jackson Thomas Rowland	Winchester
Jackson Thomas Russell	Altamont
Lagoe Walter Marshall	Sacramento
James Geo. Lee	Coat Orchard
Jones Howard	Jerry, Miss.
Kline John Sime	Pikeville
Kendall John Reble	West Liberty
Redhofen Starr	Dayton
Keller David Henry	Lexington
Kilgore Frank	Cabetsburg
Kienstra William Herbert	Arncliffe La.
Kimbrough Thaddeus Lee	Cynthiana
Klinz John Sime	Pikeville
Lackey John Harris	Paint Lick
Lancaster Pearl Anna	Lexington
Lancaster George	Lexington
Land George Washington	Lexington
Land Charles	Lexington
Landfair Robert Blaine	Celina, Ohio
Long Henry May	Georgetown
Lasby Daniel Lewis	East Eagle
Laxon Lena Kingate	Lexington

Mulligan Louis Huston Coitenden	Leicester
MacConnell Sallie	Leicester
Maddox Elijah Anne	Waterford
Maple William Basnett	Smyrna
Marcum Philip D	Manchester
Marcum James Franklin	Manchester
Marshall Harry Craig	Cincinnati O.
Mason William	Alton
May Edward E	Callettsburg
Muller Charles	Onwansboro
Mitchell Fred	Callettsburg
Moore Charles Calton	Leicester
Morrow Thomas Lantzinger	Somerset
Morgan Marcus Ewing	Goatz
Morgan Thomas Hunt	Leicester
Morgan Charlton H.	Leicester
Mulligan Louis Huston Coitenden	Leicester
Murrell H William P.	Hullton
Muncey Victor Emmanuel	Louisa
McCarthy Dennis Edward	Stamping Ground
McElhiney Mattie	Leicester
McDonald Geo. Lawrence	Owensboro
McGawley Geo. Washington	Dipout
McKinley Benjamin Franklin	Hustonville
McMannon Edward Wood	Owensboro
McManama Geo Boashe	Calhoun
Mappin William Campbell	Chavies
Nicholas John Vanmeter	Leicester
Noth Grant	Pineville

O' Bannin	John Bryant	Hester
O' Connor	Jeremiah N.	Shelbyville
Oldham	Thomas Edward	Lexington

Packer	Ambrose Combland	Alton
Patterson	Alvin Stephens	Harrodsburg
Patterson	William Andrew	Lexington
Patton	Samuel Ellis	Stanton
Payne	Daniel Macarty	Lexington
Payne	Robt. Treat	Athens
Peace	Marion	Frankfort
Peters	James Monroe *	Coal Run
Pittit	Harry	Lexington
Pizzozzi	Georgia	Lexington
Purnell	Mary	Lexington
Putman	Ellie Harrison	White Plains
Phelps	Edward Marshal	St Mary's Ohio
Poist	Mary Virginia	Harrodsville
Prewitt	Anna	Athens
Prewitt	Margaret	Athens
Prewitt	Robt. Lee	Athens
Prewitt	William	Athens

Rankin Allen Gilmore	Mill Spring
Railey Charles Elmer	Midway
Rees Manette	Lexington
Reese Kirk	Iron Leaf
Rice Henry J.	Stanton
Richardson Agnes Sait	Lexington
Richardson William Darby	Mount Sterling
Roberts William Tilford	Bronside
Robertson James B.	Lexington
Roddick William Wallace	Chicago Ills.
Rucker John William	Lexington
Rusk Ruth	Lexington
Ryan William Henry	Hopkinsville
Saffarans Cowles Meade	Yazoo City - Miss.
Salmon John Thomas	Oakton
Seals Eland	Ferry Miss
Szpenfeld Henry Philip	Carrollton
Simmons Margaret Lee	Richmond
Sistomik Joseph Franklin	Crystal Springs, Miss
Sistomik William Thomas	Crystal Springs, Miss
Sutherland Harry Beroy	Winchester
Schmidt Mary Elizabeth	Lexington
Scovell Ada Paula	Arnoton Ills.
Scovell Lizzie Jennie	Arnoton Ills.
Scovell Frank Elmer	Arnoton Ills.
Shackelford Thomas Wheatley	Lexington
Shupe Geo. Arnoton	Lexington

Shelby, David Hart	Levington
Shropshire William Boyan	Levington
Skane John Augustine	Levington
Sledd Georgia	Mount Sterling
Sleet Church William	Appleton
Smith Alice Maud	Levington
Smith John Dishman	Manchester
Smith John William	Levington
Spears Lewis Alfred	Orvinton
Steadman Samuel Maddox	Spears
Stephens Robert Lee	Russell Canal
Stivers Anne Adelia	Newton
Stockell Evan Warner	Levington
Swope Henry Ben.	Levington
	Orvinton
Lambert James Menifee	Hazel Green
Layton John Calvin	Red house
Layton Leslie Lee	Red house
Fries John	Louisville
Todd Harry Swift	Levington
Tudor Edgar	Saint Luke
Troener John Edward	Louisville
Thomas Samuel Beauchamp	Leroy, Miss.
Thompson Lulu Villiers	Ormsboro
Thompson Robt. Mitchell	Beechland
Thornton John Wilgus	Levington
Underwood Ernest	Levington
Underwood Vollenwider Otto	Hamden Junction, Ohio

Walker, Percy Mortimer	Leington
Walker Robt. Bernie	Leington
Walker William	Shore
Wallingford Herbert	Mount Christ
Warner Callie	Leington
Wazler Rufus Lee	Frazier
Weddington Ballard	Coal Run
Wilson Bettie Walker	Moorefield
Wilson William Lee	Leington
Witham William Wall	Madville
Witt Owen Walter	Spears
Woodams ^{Jessie} Jessie Patterson	Leington
Woodward Rector Elkannah	Windom
Woodfolk John Governor	Leington
Wood James Walker	Haretsburg
White Elias Harmon	Newfoundland
Young Ida Glenn	Leington
Yates William Lee	Richmond
Yates James Anderson	Bush's Store

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DEPARTMENTS OF STUDY, — *S. P. Clarendon, cap*

The Departments of Study comprise the following:

- Mathematics.
- Physics and Astronomy.
- Chemistry, Elementary and Applied.
- Mental and Moral Philosophy.
- Civil History and Political Economy.
- Agriculture and Horticulture.
- English Language and Literature.
- Latin Language and Literature.
- Greek Language and Literature.
- French Language and Literature.
- German Language and Literature.
- Civil, Mechanical, and Mining Engineering and Drawing.
- Natural History—Botany, Comp. Anatomy, Geology, &c.
- Veterinary Science.
- Practical Mechanics.
- Theory and Practice of Teaching.
- Book-keeping and Penmanship.
- Military Art and Science.
- Architecture and Landscape Gardening.

Scientific Course. — *(see below clarendon)*

- Mathematics.
- Physics and Astronomy.
- Chemistry, Elementary and Applied.
- Agriculture and Horticulture.
- Veterinary Science.
- Civil History and Political Economy.
- Mental and Moral Philosophy.
- Natural History—Botany, Zoology, Comp. Anatomy, Geology, Mineralogy, &c.
- Latin, Partial Course.
- French or German.
- Practical Mechanics.
- English Language and Literature.
- Civil, Mechanical, and Mining Engineering and Drawing.
- Landscape Gardening.
- Military Art and Science.

English Grammar, Geography, Descriptive, and Commercial
Rhetoric, Composition.
Higher Arithmetic, Algebra, Geometry.
Political Economy; Moral Philosophy.
French and German.

All other departments are open, without extra fees, to students in the Commercial Course. To those who do not take the entire course of study, but confine themselves mainly to book-keeping, certificates are given when the required degree of proficiency is attained.

Classical Course. — *le bres clas*

- Mathematics.
- Physics and Astronomy.
- Chemistry.
- Mental and Moral Philosophy.
- Latin and Greek Languages and Literature.
- English Language and Literature.
- French and German Languages and Literature.
- Civil History and Political Economy.
- Natural History—Botany, Comp. Anatomy, Zoology, Geology, &c.

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~~Classical~~ Engineering Course. *le bres clas*

Mathematics

Physics

Chemistry — Elementary, organic, qualitative & quantitative analysis

~~Chemical Technology~~

History

Political Economy

Mental & Moral Philosophy

English Language & Literature

Natural History — Botany, Zoology, Geology, Mineralogy

Drawing

Practical Mechanics

French and German are also recommended.

Civil Mechanical & Mining Engineering

Course of Study Required for Diploma in Normal School. — *le bres clas*

- Elementary English Branches.
 - Mathematics, including Geometry and Trigonometry.
 - Experimental Physics.
 - Descriptive Astronomy.
 - Natural History—Botany, Physical Geography, Physiology.
 - Penmanship and Book-keeping, Drawing.
 - Rhetoric, Elements of Criticism, Composition, Logic.
 - History and Political Economy.
 - Theory and Practice of Teaching.
 - French and German.
 - Latin Language and Literature, partial course.
 - Mental and Moral Philosophy.
- All other departments of study in the College are open, without extra fees, to students in the Normal course. To those who do not take the course required for a diploma, certificates of qualification to teach are issued for those branches in which the required degree of proficiency is attained.

le bres clas The Course of Study Required for a Diploma in the Commercial Course is as follows

Penmanship, Book-keeping, general

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Ward

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AGRICULTURAL COURSE.

	First hour.	Second hour.	Third hour	Fourth hour.
FIRST YEAR.				
First term.....	English.	Mathematics.	Physics.	
Second term.....	English.	Mathematics.	Chemistry.	
SECOND YEAR.				
First term.....	Mathematics.	German.	Org. Chemis'y.	Anatomy & Phy.
Second term.....	Mathematics.	German.	Agr. Chemis'y.	Botany.
THIRD YEAR				
First term.....	German.	English.	Prac. Chemis'y.	Prac. Chemistry.
Second term.....	German.	English.	Zoology.	Astronomy. Shop work in af- ternoon.
FOURTH YEAR.				
First term.....	Veterinary science.	History.	Geology.	Agriculture.
Second term.....	Veterinary science.	Hist. & Polit. Econ.		Horticulture.

SCIENTIFIC COURSE.

FIRST YEAR.				
First term.....	English.	Mathematics.	Physics.	French.
Second term.....	English.	Mathematics.	Chemistry.	French.
SECOND YEAR.				
First term.....	Mathematics.	German.	French.	Anatomy & Ph'y.
Second term.....	Mathematics.	German.	French.	Botany.
THIRD YEAR.				
First term.....	German.	English.	Mechanics.	Math. or Pract'l
Second term.....	German.	English.	Zoology.	Chemistry, Astronomy.
FOURTH YEAR.				
First term.....	Mental and Moral Philosophy.	History.	Geology.	Civil Engine'g.
Second term.....	Mental and Moral Philosophy.	History and Politi- cal Economy.		(Optional) Civil Engine'g.

CLASSICAL COURSE.

FIRST YEAR.				
First term.....	English.	Mathematics.	Physics.	Latin.
Second term.....	English.	Mathematics.	Chemistry.	Latin.
SECOND YEAR.				
First term.....	Mathematics.	German.	Latin.	Greek.
Second term.....	Mathematics.	German.	Latin.	Greek.
THIRD YEAR.				
First term.....	German.	English.	Greek.	Anatomy & Ph'y.
Second term.....	German.	English.	Greek.	Botany.
FOURTH YEAR				
First term.....	Mental and Moral Philosophy.	History.	Geology or Ear- ly English.	Math. or Pract'l
Second term.....	Mental and Moral Philosophy.	History and Politi- cal Economy.		Chemistry. Astronomy.

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Engineering Course

Year & Term	1 st Hour	2 nd Hour	3 rd Hour	4 th Hour	Prac
1st Year 1st Term	English	Mathematics	Physics		Work in shop
1 st Year 1 st Term	English	Mathematics	Physics		Work in shop
2 nd Year 1 st Term	English	Mathematics	Chemistry		Do Do
2 nd Year 2 nd Term	Mathematics		Organic Chemistry		Use of tools
3 rd Year 1 st Term	Mathematics		Drawing Agricultural Do	Botany	Do Do
3 rd Year 2 nd Term	Civil Engineering	English	Mechanics	Calculus	Practical work
4 th Year 1 st Term	Civil Engineering	English	Levelling	Astronomy	Do Do
4 th Year 2 nd Term	Mil. Engineering	Right Line Drawing	Mineralogy		Practical Surveying
	Do Do	Drawing of Plans	Geology		Field work

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COURSE OF INSTRUCTION. *(S. 1st class caps)*

I. Department of Civil History. — *(SP class e/s)*

PROFESSOR PATTERSON. *(new caps)*

Junior Class. *(see new)*

First Term—Freeman's General Sketch of European History.

Second Term—Sime's History of Germany; Doyle's United States.

Senior Class.

First Term—The Student's Hume; English Constitution; Lectures.

Second Term—The Student's Hume; Constitutional History; Lectures.

II. Department of English. — *s r c (le)*

PROFESSOR SHACKLEFORD.

Freshman Class.

First Term—Rhetoric.

Second Term—Studies in English Literature.

Junior Class.

First Term—Sir William Hamilton's Logic, with lectures on inductive reasoning.

Second Term—Shaw's Manual of English Literature and Whately's Rhetoric.

Senior Class;

First Term—Early English.

III Course in Mental and Moral Philosophy.

PROFESSOR PATTERSON.

Senior Class.

First Term—Metaphysics, Hamilton's Lectures.

Second Term—Metaphysics, Hamilton's Lectures; Calderwood's Moral Philosophy.

IV. Department of Latin and Greek.

PROFESSOR NEVILLE.

LATIN. — *(6 c)*

First Year.

First Term—Grammar, with daily exercise in writing Latin.

Second Term—Grammar continued; Nepos.

Second Year.

First Term—Caesar and Grammar.

Second Term—Virgil and Latin exercises.

Third Year.

First Term—Cicero's Orations, Sallust.

Second Term—Livy; Exercises in writing Latin.

Fourth Year.

First Term—Horace; Cicero de Senectute.

Second Term—Tacitus; Juvenal; Exercises.

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ANNUAL REGISTER OF

GREEK: (Lc)

Preparatory.

First Term—Grammar, with a daily exercise in White's Lessons.
Second Term—Grammar; Exercises; Xenophon's Anabasis.

Freshman Class.

First Term—Xenophon's Anabasis; Homer's Iliad.
Second Term—Selections from Herodotus; Plato's Apology.

Sophomore Class.

First Term—Thucydides; Exercises.
Second Term—Demosthenes; Lysias.

Junior Class.

First Term—Euripides; Aeschylus.
Second Term—Sophocles; Aristophanes or Lyric Poets.

V. Department of Mathematics. (S P C)

Freshman Class.

First Term—Wentworth's Complete Algebra, chapters 15, 16, 17, 18, 20, 21, 24, 27, 30, 33, and 34.
Second Term—Wentworth's Geometry to Book 6.

Sophomore Class.

First Term—Wentworth's Geometry completed; Loomis' Plane and Analytical Trigonometry and Surveying.
Second Term—Peck's Analytical Geometry and Field-work in Surveying.

Junior Class.

First Term—Peck's Mechanics; Peck's Integral and Differential Calculus; Loomis' Spherical Trigonometry.
Second Term—Snell's Olmsted's Astronomy.

VI. Course in Chemistry and Physics. (S P C)

PROFESSOR PETER.

Freshman Class.

First Term—Lecture or Recitation daily; Elementary General Physics and Chemical Physics, with Experimental Illustrations and Applications.
Second Term—Same, continued into Elementary Chemistry.

Junior Class.

Both Terms—Lecture or Recitation daily, General Chemistry, with its application to Agriculture, Medicine, and the Mechanic Arts, full illustrated by Experiments.

Practical Chemistry. (Lc)

Preparations are made for full instruction in Practical Chemistry under the Professor of Chemistry and Physics. Each student will be charged with the apparatus he may break, and a small additional fee for the course.

VII. Department of Natural History. (S. P. cl)

PROFESSOR CRANDALL. *br caps*

To enter the Sophomore Class of this school students must have attended at least one course of lectures upon Organic and Inorganic Chemistry, and must present a certificate of having sustained a thorough and satisfactory examination therein. Those wishing to enter any advanced class must sustain an examination upon the studies of the previous classes, or present proof of having done so elsewhere.

Sophomore Year. *small caps*

First Term—Anatomy, Physiology, Hygiene (Huxley & Youmans).

Second Term—Botany, Plant Physiology and Histology (Kellerman & Bessey); Microscopy—Lectures on the history, use, &c., of the Microscope.

Junior Year.

First Term—Continued studies in Botany or Microscopy (optional).

Second Term—Zoology, Comparative Zoology, Text-book, laboratory, and lectures.

Senior Year.

First Term—Geology; Text book (Dana) and lectures.

Second Term—Geology continued; Paleontology (optional).

VIII. Department of Modern Languages. (S. P. cl)

PROFESSOR HELVETHI.

FRENCH. *br caps*

First Year.

First Term—Ahn-Henn's French Course, First Book and Part of Second; Ahn Henn's First French Reader.

Second Term—Ahn-Henn's French Course, Second and Third Book; Conversation; Erkman-Chatrain; LeConscriit de 1813, Charles XII.

Second Year.

First Term—Keetel's Collegiate French Grammar; Exercises; French Readings, W. J. Knapp; Conversation

Second Term—Keetel's Collegiate French Grammar; Composition; X. de Maistre; Voyage autour de ma Chambre; Modern Plays; Primer of French Literature—Saintsbury.

Third Year (optional).

First Term—E. Borel's Grammaire Francaise; Composition and Conversation; One of Moliere's Plays; One Modern Play.

Second Term—E. Borel's Grammaire Francaise; Composition and Conversation; one of Racine's and one of Corneille's Dramas.

GERMAN. *br caps*

First Year.

First Term—Ahn-Henn's German Course, First Book and part of Second; Exercises; Reading.

Second Term—Ahn-Henn's German Course, Second Book; Ahn-Henn's First Reader; Conversation.

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The work done in some of the Departments
will be better understood from the following:

Summary Summaries.

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XI. Department of Agriculture and Horticulture. (S. P. C. Co)

PROFESSOR MENKE.

Instruction by lectures and recitations with demonstration and experiments. The course of study which follows is preceded by Elementary Zoology and Botany in the Preparatory Department. The lectures to the freshman class in general chemistry by Dr. Peter, form a suitable introduction to the more distinctive work of this Department.

Sophomore Class.

First Term—Organic Chemistry.
Second Term—Agricultural Chemistry.

Senior Class.

First Term—Veterinary Science, Agriculture.
Second Term—Veterinary Science, Horticulture.

XII. Normal Department.

COURSE OF INSTRUCTION.

PROFESSOR KIRBY, PRINCIPAL.

First Year.

English Grammar and Composition.
Geography—Descriptive and Political.
Chemistry, Elementary; Drawing, Experimental Physics.
Arithmetic, Elementary Algebra.
Latin Grammar and Reader.
History, Outlines of.
Theory and Practice of Teaching.
French and German.

Second Year.

Rhetoric and Composition.
Physical Geography, Botany, Drawing.
Higher Arithmetic, Higher Algebra.
History United States, Political Economy.
Latin—Cæsar, Cicero.
Theory and Practice of Teaching.
French and German.

Third Year.

Elements of Criticism, Logic, Mental Philosophy.
Anatomy, Physiology and Hygiene, Drawing.
Geometry and Trigonometry; Latin—Cicero, Virgil.
Theory and Practice of Teaching.
French and German.

XIII. Practical Mechanics. (8 p.c. etc)

PROFESSOR CRANDALL.

Instruction in Practical Mechanics includes such elementary Practice in the workshop as will enable the student to apply the principles of experimental physics taught in the class-room, and familiarize him with the use of tools, machinery, and mechanical processes. The course of instruction is based on what is known as the Russian System, now generally adopted in the Agricultural and Mechanical Colleges of this country. It embraces mechanical drawing, the study and care of tools, work in wood and metals at the bench, the lathe, and the forge. This department is under the care of one of the most skillful of practical mechanics.

XIV. Ethics and Political Economy.—

COURSE OF INSTRUCTION.

PROFESSOR KIRBY.

Calderwood's Moral Philosophy, with Lectures.

Fawcett's Political Economy, with Lectures.

(S.P.C. copy)

Preparatory Department

The College has an excellent Preparatory Department under the charge of a Principal and a competent staff of assistants, the object of this is to provide the elementary training and proficiency required to enter the regular College classes. It goes considerably beyond the ordinary ^{ordinary subjects} of Preparatory instruction in that it includes a good deal of work especially in the scientific course which is not ~~commonly~~ usually performed included in the work of the College proper.

Very pleasant

Preparatory Department (broch)

~~Head of~~

English Grammar - Elementary

English Gram - Advanced

Geography - Descriptive and Political

Philological Studies in English

Compositum

Synonyms

Geography Descriptive and Political

Elementary History ^{Practical, Robinson's}

Arithmetic - ~~Intermediate~~

Arithmetic - Higher, White's Robinson

Algebra - Elementary, Robinson's

Algebra - Higher ^{through} to Quadratics, Wentworth's

Elementary Zoology - with ^{illustrations & dissections} ~~illustrations~~

Elementary Botany - with Analysis of Plants

Physical Geography.

Broch

For those who intend to pursue a classical course Latin and Greek are ^{required} substituted for

addition to the foregoing.

~~Zoology Botany and Physical Geography~~
~~The Latin and Greek~~

Daily written exercises, translating ~~Latin into~~ ^{English into} Latin and Greek form an integral part of the instruction in these languages from the very outset. Preparatory instruction in the classics carries the student through Caesar and Virgil, and through the Anabasis of Xenophon.

The conditions of admission into the Preparatory Department are a good knowledge of Arithmetic as far as percentages of Elementary Grammar through Syntax, and of Geography.

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Those who enter at any other time than the beginning of the year will be required to pass a satisfactory examination on the work already or gone over by the classes which they propose to enter.

Henry Brine

Department of Civil History (Boscler caps)

Various forms of Government, - Monarchy, Aristocracy, Democracy
 Early History of Greece, - Persian wars, Artemian Spartan
 and Theban Supremacies, Macedonia's supremacy and
 conquests of Alexander, Early History of Rome, - Period of the
 Kings, Conquest of Italy, Carthaginian wars, Expansion of the ^{Roman Power} Republic,
 Roman Constitution, Fall of the Republic, the Empire, its greatness
 decline and fall, The new Rome or the Byzantines, Rise of the
 Saracenic power, The Crusades, Rise ^{& Progress of} of the Frankish and German
 Monarchies, Feudal system, development of the States & States-system
 of modern Europe, era of Spanish Ascendancy, French Ascendancy
 Rise of Russia,
 Celtic Britain, Saxon Britain, ~~Law of Alfred and Edward~~ Norman
 Conquest, The Plantagenet Kings, Relations of Normandy to England and
 France, the Hundred years war and wars of the Roses, Freedom of
 the early English, Laws of King Ethelbert, Ina, Alfred and the
 Confessor, Early English Charters, Magna Charta, Origins
 of Parliament and growth of free institutions, Social Religion
 and Political Conditions of the early and ^{medieval} middle English, Feudalism
 in England and on the Continent, Accession of the Tudors.

Age of Elizabeth, Reformation, Beginning of Puritanism, Era of the Stuarts
 The Puritan Rebellion, Protectorate, Restoration, Revolution of 1688, England,
 Holland and France, ^{Age of Louis XIV.} War of the Spanish Succession, Accession of the
 House of Hanover, War of the Austrian Succession and Seven years war,
 Colonial epoch, French English and Spanish Colonial dominions,
 Rivalry of France and England in Asia and America, Beginning
 and growth of British Empire in India, Revolt and ~~and~~ ^{and} ~~the~~ ^{the}
 American Colonies, War of Independence, Principles underlying the
 quarrel with the Mother Country, British Constitutionalism,
 Relations of America to the British Constitution. Era of the
 French Revolution, French Republic, Consulate, Empire, ^{fall} ~~Overthrow~~
 of Napoleon and Settlement of Europe by Treaty of Vienna.
 Course of events in Europe and America since 1815;
 Development and growth of Parliamentary government, in England
 United States, France, Germany, Unification of Italy, Eastern
 Question, its origin and Progress. Balance of Power, Commerce,
 Education, Naval and Military Armaments of modern times,
 Republicanism in the United States, conditions of its perpetuity,
 Relations Influence ^{of} ~~of~~ American Republics upon European Politics.
 Literature of the English speaking People, Possible future of the
 English speaking States.

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Department of English
Professor Shackelford.
Freshman Class.

copy
Brewster

First Term - Rhetoric and Composition.
Diction and sentence-construction.
Punctuation. Recitations and exercises
on the blackboard.

Second Term - Narrative composition.
Written essays read in class and
corrected. Synonyms. Prosody

Sophomore Class.

First Term - English prose and poetry
Interpretations of masterpieces of
English prose and poetry.
Written essays read in class, and
corrected

Second Term - Studies in English
Literature

Each pupil is required to commit
to memory, and recite in class
... from the great English poets

and prose writers, including parts
of ~~the plays of~~ ^{Shakespeare's} Julius Caesar and
the Merchant of Venice; Bacon's
Essays on Studies and Friendship;
Milton's L'Allegro and Il Penseroso,
and extracts from the Arcopagitica;
Bunyan's Golden City; Dryden's Alexander's
Feast; Gray's Elegy; parts of Goldsmith's
Deserted Village; passages from
Burke's Speech on the Spirit of Liberty
in the American Colonies; Burns'
Letter, Saturday Night; Wordsworth's
Intimations of Immortality; Coleridge's
Hymn to Mont Blanc; the
closing passages of Webster's speech
in reply to Hayne; Byron's
Prisoner of Chillon; Shelley's Ode
to ^{The} Skylark; Bryant's Thanatopsis;
Emerson's Essay on Compensation;
Longfellow's Keramos; Holmes' Deacon's
Masterpiece; Tennyson's Ulysses; De
Jimbus & Shacheras; The vision of Sir

Laura Lady Lowell,

Text Book Swinton's Studies in English Literature

Junior Class.

First Term - The science of Logic

Lectures on Pure Logic in which the
Stoichiology and Methodology are
explained and illustrated

Lectures Explanations and illustrations
of the Analytics of Aristotle and
the New Analytics of Sir Wm
Hamilton. Exercises in Figure,
Mood, and Reduction.

Lectures on Fallacies and the
sources of Error.

Lectures on inductive and analogical
reasoning.

Lectures on evidence.

Text book, Sir William Hamilton's
Lectures on Logic.

Second Term - History of English
Literature. Class readings from Bacon,
Burke, Milton, and Shakespeare, and

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other great English writers. Text
books, "Shaw's Manual of English
Literature" and "Hudson's Annotated
English Classics.

Advanced Rhetoric, Lectures on the
elements of criticism. Textbook,
Principles of Rhetoric by A. S. Hill.

Senior Class

First Term - Selections from Chaucer's
Canterbury Tales and Spenser's Faerie
Queen. Studies of Early English
words and idioms.

Critical study of a selected play
of Shakespeare.

Brevet ^{copy}

Course in Metaphysics

Value of metaphysics ~~study~~, as a mental discipline
 its objective and subjective utility, Definitions of Philosophy
 the problems which it proposes its nature and comprehension
 the ends which it proposes, Principles of classification
 of the faculties, Conscience, Presentation and Repre-
 sentation Knowledge, Conditions of sense perceptions
 distinction Views held by different schools, Idealism,
 Natural Realism, Qualities, Primary second Primary
 and Secondary, Self-consciousness, Faculties of Con-
 sciousness, Reproduction and Representation, Memory
 Power, Imagination, The elaboration faculty,
 How Sir William Hamiltons Laws of Association, Theory
 of unconscious mental modifications, Doctrine of the
 Conditioned, Causation - various theories of.
 Intuitive Knowledge - theories of, Time & space, Mind
 Substance and Attribute, Mind & matter.
 Phenomena of the faculties, of will and desire.
 Relation of Metaphysics to Moral and Political
 Philosophy. History of Philosophy. Relation of Psychology ^{Psychology} to
 the text book and is Sir William Hamiltons
 Metaphysics. Leves History of Philosophy, Archer
 Butlers Ancient Philosophy, Porters Human Intelled,
 Bains Senses and Intelled, Bains Emotions and
 will, are used for Collateral reading.

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Department of Mathematics.

Freshman. - Text-Books. Wentworth's Complete Algebra, Wentworth's Plane and Solid Geometry. A thorough knowledge of Arithmetic and of algebra through equations of the second degree is required for admission into this class. The first five months of the session is occupied in completing the algebra, beginning with Chapter XVI. The remainder of the session is devoted to the study of the first five books of Geometry.

Sophomore. Text-Books. Wentworth's Plane and Solid Geometry, Wentworth's Plane Trigonometry and Surveying, Peck's Analytical Geometry. The first five months is occupied in completing Geometry (beginning with Book VI.) and in the study of Plane Trigonometry and Surveying. The second term is devoted to the study of Analytical Geometry and to a review of the first term's work.

Abundant facilities for field practice with a full set of Surveyor instruments are furnished to all who desire to learn the practice as well as the theory of Survey^{ing}.

Among our instruments is one of Keller & Brightly, Brightly's celebrated Combined Transits.

Junior. Text-Books. Peck's Mechanics, Peck's Integral & Differential Calculus, Wentworth's Spherical Trigonometry, Snell's Astronomy. Mechanics (not required in the A. B. Course) and Calculus occupy the first five months, reciting at separate hours. A full yr in Practical Chemistry may be substituted for Calculus.

Spherical Trigonometry and Astronomy occupy the last term.

Department of Natural History

(Small Rec. Clar. 4/5)

Professor Leonard Dull

The aim in this department is to make use of such methods as will bring the student as close as is practicable, to the sources of knowledge. Only a ^{good} beginning has been made in securing the necessary appliances to this end. A working fund is provided ^{to} meet immediate necessities ^{for} ^{appointing} illustrative materials and ^{for} special treatises. In this way it may be hoped that the requirements for thorough instruction may be met and the facilities for teaching steadily increased.

Text-books are used in ^{the} ^{most} ^{of} the classes, as a basis for the work required; but works of reference and ^{standard} ^{special} treatises are provided in a special library for the department. The advanced and special studies are conducted more nearly on the plan of field and laboratory investigation. Only students taking a special interest in Natural History are expected to pursue these studies and from them an assistant for the department is selected each year.

The branches which are taught in this department are as follows

Physical Geography Text-book (Murray)
 Anatomy, Physiology & Hygiene Text-book (Huxley & ^{Sherrin})
 Lectures and illustrations by ^{anatomical} ^{preparations},
~~College~~ lantern demonstrations, &c. 8 months
 First term

Plant Histology & Physiology Text-book (Goodale)
 and laboratory work Five months, Second term

Microscopy. The history, structure &

8-0

Five months

Lectures and practical work. Microscopy is at present taught in connection with Histology

Zoology Text-book (Packard) lectures and laboratory work Five months Second term.

Geology. Text-book (Dana) Lectures and studies of the geology of the region about Lexington, Frankfort and the Kentucky river Five months ^{First} term

Comparative Zoology & Comparative Anatomy Laboratory work through the year.

Paleontology. Special studies of Historical Zoology and Paleontology with the aid of library and collections

Drawing. ~~Lenses, perspective and the elementary of drawing~~ delineation of natural forms

The elements of drawing ^{are taught} more especially as a ^{a requisite for successful} study in this department, the cultivation of the powers of observation, and the acquirement of facility in the representation of natural forms. ^{also voluminous} ~~superior~~ ^{to} studies of a more general character

Department of Modern Languages.

In the Department of Modern Languages it is the chief aim, to impart a fair, scientific knowledge of the language taught, together with such oral practice, as to enable the student, at the end of the two years' study, to express himself with some facility, read easy German or French at sight and at the same time, have a sound foundation laid for future more thorough study, if his tastes and pursuits lead him to it. A correct pronunciation and familiarity with general rather than special rules of grammar, are chiefly insisted on, leaving it for a later period to master the more intricate difficulties of the language to be acquired.

German. (small caps clear)

- 1st year. 1st session. — Ahn-Henn's First Book in German and part of the Second. Ahn-Henn's First German Reader. Daily exercises. Writing from Dictation. Reciting from memory.
- 2nd session. — Ahn-Henn's second Book in German (complete) Easy Reading. Grimm's Kinder- und Hausmährchen (van der Smitten) Composition and conversation.

Lang Penn

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2nd year. - 1st session. Ahn-Henn's Third book in German. Boice's preparatory book of German Prose. One of the easier of Schiller's Dramas. Composition.

2nd session. Ahn-Henn's Fourth book in German. Schiller's "Wallenstein", Goethe's "Hermann und Dorothea", Lessing's "Mina von Barnhelm". Conant's Primer of German Literature.

French. *voir ci-dessous*

1st year. - 1st session. Ahn-Henn's Method of the French Language Daily Exercises. Using the vocabulary acquired in conversation.

2nd session. Ahn-Henn's French Method (completed) Firsi's French Reader. Lafontaine's Fables. Conversation.

2nd year. - 1st session. Keidel's Collegiate French Grammar. Knapp's French Readings (selections). One or two modern plays (Le Théâtre français du XIX^e siècle. Hackett)

2nd session. Keidel's Collegiate French Grammar (completed) Corneille, "Cinna", Racine, "Athalie", V. Hugo "Ruy-Blas" and "Ernani". Composition. Reading "at sight". Sainsbury's Primer of French Literature.

For the Third year (optional, not required for graduation) no specified course has been laid down, as the work to be carried on depends in a great measure on the proficiency of the students in other branches of study. The Course then, will be something like the following, subject to modification, according to the capacity of the students.

German *breu l.c. l. d. l.*

3^d year. Klemm's Geschichte der deutschen Litteratur. (Extracts)
 Sanders' Hauptschwierigkeiten der Deutschen Sprache.
 St. B. Hodges, "A Course in scientific German", Goethe's
 "Iphigenie" and Extracts from "Faust" and "Wilhelm Meister"
 Schiller's Historical Writings, F. Freytag, "Die Ahnen"
 V. Scheffel "Erkehard". - Sanders' Wörterbuch.

French.

3^d year. Grammaire française basée sur le Latin - C. Poetz.
 Manuel de Littérature française (with copious extracts) C. Poetz.
 Brachet, "A Historical grammar of the French Tongue."
 Corneille, "Cid", Molière, "Les Femmes savantes" and "Tartuffe"
 Racine, "Andromaque", "Iphigénie en Aulide", Montesquieu
 "Lettres Persanes", J. J. Rousseau, "Emile".
 Littré (Beaujean) Dictionnaire de la Langue Française

State College of Kentucky,
Jas. B. Patterson, Pres.

OFFICE OF
The Agricultural Experiment Station,
M. A. SCOVELL, DIRECTOR.

8-4
Course in Agriculture
(1)

(Small piece caps
class)

Lexington, Ky., 188

Agriculture low class

Selection of farms for special purposes. Division into fields for different crops. How manures and composts are prepared and kept. Seeding for hay grain & root crops. Selection of cows and other stock for farm purposes with general directions for breeding the same. Farm accounts.

Horticulture

Preparation of soils for horticultural & floricultural purposes. Management of plants including methods of propagation. Horticultural implements. Methods of obtaining new varieties of vegetables fruits & flowers. Arrangement and care of flower & kitchen gardens nurseries and orchards. The construction & care of hot beds & green houses. Principles of landscape gardening. Practical green house work by the student supplement the lectures.

State College of Kentucky,
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OFFICE OF
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(2)

Lexington, Ky., 188

Elementary Botany L. C. New class

I Outlines of structural Botany & the rudiments of Vegetable Anatomy & Physiology. II Systematic Botany; general classification of Plants with particular study of the more important natural orders of Phaenogams. Practice in analysis & field study of the local flora.

Elementary Zoology L. C. New class

Distinctions between animate and inanimate objects; life distinctions between plants & animals; definition of general terms; development; basis of classification; characters of the various classes with a more detailed account of the porifera; actinozoa; cestoda with a description of the life history of the common tape worm & of the form causing "stappers" in sheep; nematoda including thread worms, trichina wheat anguillula, cause of gapes in chickens etc; lamellibranchiata; gastropoda; cephalopoda; arthropoda; vertebrata.

State College of Kentucky,
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M. A. SCOVELL, DIRECTOR.

(3)

Lexington, Ky., 188

Agricultural Chemistry Le Gros clar

Soil air and water in their relations to the plant. The food of plants; manures general & special. Chemical principles of tillage, irrigation, systems of rotation & of special crops & farms. The food of animals; simple & mixed rations. Discussion of the values of different kinds of fodders of the means of determining fodder values and of the methods of using fodders to the best advantage

Organic Chemistry

Constitution of organic compounds; ^{hydrocarbons,} alcohols, aldehydes, acids & their derivatives; constitution of oils & fats, sugar, starch, cellulose, albuminoids, essential oils, alkaloids etc.

Veterinary Science

The theory & practice of Veterinary medicine & surgery. Instruction by lectures & when practicable by clinics

State College of Kentucky,
Jas. H. Patterson, Pres.

OFFICE OF
The Agricultural Experiment Station,
M. A. SCOVELL, DIRECTOR.

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Lexington, Ky., 188

Instruction is given by lectures & recitations & by practical exercises in the laboratories green houses & fields; every student being taught to make experiments study specimens & observe for himself. The aim is to give the student a just idea of the principles upon which the arts of agriculture & horticulture depend to teach him how to make intelligent use of the scientific literature which relates to these arts & to enable him to put a proper estimate upon those kinds of evidence which are obtained by experiment & by the observation of natural objects.

Before a student can enter the classes in botanic & agricultural Chemistry it will be necessary for him to pass in Dr. Peter's Elementary Chemistry.

Long Primer

to be low class

Political Economy { Fawcett's Manual - distinction between
Money wealth - Elements of production - Productive and
unproductive labor - English view, French view - Pro-
ductive and unproductive consumption - Capital its
origin - The criticism of its being the result of saving
examined - Propositions concerning Capital ~~its~~
Effect upon Capital by governments being an
agent of production - The Ricardian theory of rent
considered in reference to American land tenure - The
law of wages - Is there a wage fund? views of Thomson &
Francis Walker ~~and~~ against such theory and those of
Cairnes, and of Jno. S. Mill in his earlier writings in
favor of it - Principles determining profit - Remedies for
low wages - Strikes - Nationalization of the land - His-
tory of the scheme - Communism in France, in the U.S.
Socialism in Germany in England, in America - Is com-
pensation an evil? - Money its uses - The Ricardian
law of International trade - Obstructive legislation -
Protection + Free-trade - Relation of Political Econ-
omy to legislation, to philanthropy, to morals - Method
of Political Economy, is it inductive or deductive? -
Schools of Classical and Bureaucratic - Former shown
to be more in harmony with the spirit + aims of Amer-
ican Institutions -

S-J

Learn clear
Moral Philosophy, Text-book, Janet's Theory of Morals
with reference to Elements of Morality by the same author - Moral
Philosophy shown to be a derived Science, and hence its un-
derlying principles, traced either to Psychology or to metaphys-
ics - The Supreme principle of the good investigated - Exami-
nation of the various principles brought forward as the true
ground of right conduct - The different Schools of Moral
Philosophy - Ancient and Modern - passed in review - In Con-
nection with this last topic, the student to read Mr. Intock's
History of the Progress of Moral Philosophy and Lecky's In-
troduction to the History of European Morals - Practically,
Moral Philosophy considered in its relation to the individual to
society, to law, to government - Moral Philosophy ^{shown to be a} pro-
gressive Science, in its development, application and influence -
Bentley's view examined.

O-9

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The Normal School, its work and aims.

Capt. Mrs. Clark

The question is often asked what is a Normal School? A normal school is a training school for teachers, that is a school in which the pupils are trained for the more efficient discharge of their professional duties, when they shall, in turn, take their place in the school room. The normal school has for its object, more especially, the preparation of teachers for the graded schools - the Primary, Intermediate and Grammar, with the High School at their head - of our cities and towns - besides for the thousands of district schools scattered throughout the Commonwealth. The training of such a school is first,

Academic. The

pupil is required to know thoroughly and scientifically the subjects a knowledge of which, he is expected to impart to others. These subjects, Arithmetic, Grammar, Geog., History &c are embraced in the curriculum, appointed by law to be taught in the common schools of the state. Other subjects, the languages, ancient and modern, the mathematics, up to a point, within the limit demanded by practical life; the physical sciences; Psychology &c, are included in a higher scheme of study and are intended to qualify the young man for a more advanced place, as well as to satisfy the wants of the High School and the Academy.

Secondly.

But a knowledge of these matters only, however, comprehensive and accurate it may be, falls short of what the position of the teacher calls for. The teacher should be brought as thoroughly and profoundly acquainted with the child to whom this knowledge is to be communicated, as his talents and opportunities will permit. What anatomy and physiology are to the art of the physician, psychology and ethics are to the art of the teacher. A knowledge of a healthy physiology must of necessity precede any intelligent treatment of a diseased physiology; and just so an intimate knowledge of the mental and moral construction of the child must be antecedent to any competent dealing, on the part of the teacher with his pupil.

Thirdly. Derived from an analysis of the mental and moral powers, and from logic, are those principles which underlie the teachers art. The teachers skill is best shown in the proper adjustment of the subjects taught to the mind instructed. He should be familiar with the best methods of bringing knowledge to the intelligent apprehension of the child and in order to this, he should familiarize himself with the ~~order~~^{manner} of the growth of the mental powers, perception, memory, imagination, the faculty of thought, and should know too, what studies are best suited to secure their easy, natural and harmonious development. The teacher who proceeds after this manner, may be said to employ a good method, not tentative merely, for it has the warrant of common sense and has its foundation laid in something

like scientific certainty, and

3.

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Fourthly, in addition to method may be noticed the art of school keeping. The young and inexperienced teacher needs, on beginning the performance of his untried task, to have some notions of school management, government and discipline.

The school is a community and like any other community, wisely controlled, must have on the part of its rulers, tact, prudence and decision. The normal school is the place, where these virtues, together with zeal in the cause of popular education and a love for his profession, should be implanted in the mind and heart of the young teacher, if he should be a power when he himself comes to direct the lives and mould the character of others.

Fifthly. Teaching exercises take a prominent place among the duties of the normal school. The pupil teacher ought himself to teach others - in the absence of a model school, his fellow pupils - the lessons or parts of lessons he has himself been taught. The lesson as to its plan, the method of its presentation, the teachers manner before the class and his conduct and control of the class, must be the subject of rigid criticism, both by the class and by the teacher in charge.

Sixthly, further the Normal School has on ought to have for its task -
 so far as the individual teacher is concerned - its supreme task,
 the development of ~~the~~ future teachers of force - Moral force
 Its ultimate aim should be to make educators not teachers simply
 He is the educator ~~whose~~ whose influence, like Arnold's goes
 with his pupils beyond the limits of the school room, into
 the active pursuits of life with Clough & Tom Hughes into
 Literature, with Dean Stanley into the Church, with Lord
 Napier ~~for~~ ^{on} the victorious fields of battle. And finally the
 Normal School should furnish social training to the teacher,
 who shall, in the full sense be qualified to make the
 Common School what it is intended to be, a preparation for
 Citizenship. And right here I would rest the chief value of
 the Normal School to the State & right here I would rest
 the Supreme Value of the Common School to the State as well.
 Briefly then, to sum up the functions of the Normal School,
 It has for its purpose, 1st to give the pupil an acquaintance
 with the subjects taught in the Common Schools; 2^d a know-
 ledge of other branches fitting him for a higher and more responsi-
 ble place in his profession; 3^d the design is to make him
 scientifically familiar with the person he is to teach, that is,
 to familiarize him with Psychological and Ethical Laws;
 4th he is shown how to apply the principles thence derived,
 to the art of teaching; 5th School Management, Government and
 discipline, are made a special object of attention; 6th Practical
 teaching is held obligatory, since, the pupil teacher must impart

to Others, either in the Model School, or to his fellows,
the lessons he himself has been taught; 7^d the end aimed at,
is the evolution of Character, Moral Character and hence to form
the educator rather than the teacher; 8th to educate the coming
teacher in the spirit of American life, to give him a knowl-
edge of, to imbue him with a love for his Country, its history,
its traditions, its institutions, that he may the better be able to
fashion the Youth committed to his care, for wise, honest and
intelligent Citizenship.

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68 - Small piece
clear cut

Conditions of Admission

Applicants for admission into the freshman classes ~~Agicultural, Scientific or Classical~~, will be required in any of the courses of study, ~~Classical~~, ~~Agicultural, Scientific, Engineering or~~ Classical will be required to pass an examination on those the Preparatory Course, preliminary to each of these courses, as found on page -

New students must present themselves for examination and matriculation on the Monday preceding the beginning of the fall term. No one is admitted to tuition until all his fees are paid.

Applicants for admission into the Normal School or Commercial Department must be prepared to stand an examination in English Grammar, Arithmetic, and Geography. Normal students who receive free tuition will be required on entering to sign an obligation to teach within the limits of Kentucky for a period as long as that during which they receive free tuition.

Degrees.

The degrees conferred are Bachelor of Science (B. S.), Bachelor of Arts (B. A.), Master of Science (M. S.), Master of Arts (M. A.)

For the degrees of B. S. and B. A. an actual membership of at least one year in this College is required, and a satisfactory examination on the entire course of scientific or classical study.

For the degrees of M. S. and M. A. a satisfactory examination is required on a course of post-graduate studies prescribed by the Faculty, and covering a period of two years.

To those who do not complete the entire Scientific or Classical Course, but only certain parts thereof, certificates of proficiency may be given for those departments of study completed.

No degrees are conferred upon graduates in the Normal School or Commercial Department; but diplomas are given to those who complete the course of study embraced therein.

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jacent, known as the "Blue Grass Region," with its splendid stock farms, affords unsurpassed advantages to the student of agriculture who desires to make himself familiar with the best breeds of horses, cattle, sheep, and swine in America.

new class

Boarding.

For the accommodation of students sent by the Board of Examiners appointed by the Court of Claims, as beneficiaries of the Legislative Representative Districts of the State, rooms for ninety students are provided in the dormitory. To these good substantial board is furnished at \$2.25 per week, payable in advance. Students lodging in the dormitory furnish their own rooms. Good boarding, with fuel, lights, and furnished room can be obtained in private families at rates varying from \$3.50 to \$5 per week.

The students who board in the dormitory, are for business purposes organized at the beginning of the collegiate year under a chairman and secretary of their own choice, who are elected on the last Tuesday of each month, and who serve for one month. At the business meeting held on the Tuesday night of each week, the weekly dues, \$2.25, are paid. The Boarding Department is managed by a Board consisting of the President of the College, the Treasurer, who is a member of the Faculty and into whose hands all the weekly dues are placed when collected, the Matron, and the Chairman and Secretary selected by the students. It will thus be seen that the Boarding Department has no official connection with the College authorities. The College, as such, does not board the students, and is in no sense responsible for any debts created by the Boarding Department. Two members of the Faculty, in their individual capacity, assist in the management of its funds.

Expenses.

The necessary expenses of a student while at College need not exceed the following estimates. As a rule, the less pocket money allowed by parents or guardians the better it is for the pupil. When supplies are kept short, the opportunity for contracting vicious habits is correspondingly diminished. Students should be allowed by their parents to create no debts. All

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money by many means - money by the student

monies intended for the use of the students should be deposited with a member of the Faculty.

For appointees occupying a room in the dormitory, and boarding in the common mess, the necessary expenses are as follows:

Tuition	\$ 0 00
Room fee	5 00
Matriculation	5 00
Cost of furnishing room, about.....	10 00
Fuel and gas	8 00
Washing.....	10 00
Board, 38 weeks, at \$2.25 per week.....	85 50
Books, about	10 00
Total	<u>\$133 50</u>

three

blackening board, hair brush, clothes broom or brush, some of these articles

Each room must be provided by the occupants thereof with neat and comfortable bed and bedding, table, wash-stand, looking-glass, chairs, bowl and pitcher, water and slop buckets.

The furniture bought at the outset can be sold at the end of the collegiate year or retained for further use, at the option of the owner.

For students who are not supplied with appointments from the Legislative Representative Districts of the Commonwealth, and who board in private families, the necessary expenses will be as follows:

Tuition fee.....	\$15 00
Matriculation fee.....	5 00
Board and lodging, 38 weeks, at \$3 50 to \$5 per week ..	133 00 to 190 00
Washing.....	10 00
Books and stationary.....	10 00
Total.....	<u>\$173 00 to \$240 00</u>

Beneficiaries. *how clear*

Each Legislative Representative District is allowed to send, on competitive examination, *one properly prepared student* each year, between the ages of twelve and twenty-five, to this College, free of tuition charge. Said students shall be selected as follows: 1st. The trustees and teacher of each common school taught within said Representative District shall select and send before an Examining Board appointed by the Court of Claims *one* pupil in the school managed and taught by them. 2d. Any other person resident within the Representative District, and within the required limits as to age, may present himself to the examining board appointed by the Court of Claims as a candi-

three comforts or blankets, one pillow, ~~three~~ three pillow slips, four sheets

69 1/2

All teachers or persons preparing to teach, male or female, are admitted free of tuition charge for one year, at the rate of not more than four, at the discretion of the Board of Trustees, for each Legislative Representative District. All the classes in the College are open, without extra fees, to students who matriculate in the Normal Department.

Compensated and Uncompensated Labor. *was also*

The work necessary for carrying on the Agricultural and Horticultural operations of the College is done by the students in those departments, and is paid for at rates varying from five to eight cents per hour. Its design is two-fold: to put in practice the instruction received in the class-room, and to assist indigent students. The experience of this College is that of Agricultural Colleges generally—that compensated labor is not remunerative to the College.

The College holds itself under no obligation to furnish compensated labor to any students except those who enter as county appointees.

Students are paid monthly for the service rendered, and apply the money as they see proper.

No student, however, should come to this College expecting to maintain himself exclusively by compensated labor. At least seventy-five dollars per annum, exclusive of his earnings while here,

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should be at the command of every student who wishes to avail himself of the advantages of the compensated labor system.

No compensation is given to students in the Department of Practical Mechanics, inasmuch as no pecuniary returns are possible to the College from this Department as at present organized.

All students are liable to be called upon for occasional work upon the grounds belonging to the College, and to such work no compensation is attached.

Preparatory Department. — *new class*

For the benefit of those who are inadequately prepared to enter the regular College classes, a Preparatory Department has been organized, under the charge of a principal, assisted by a competent staff of assistants, which will provide the necessary elementary instruction. The conditions of admission into the Preparatory Department are, a good knowledge of Arithmetic as far as percentage, English Grammar, and Geography.

Certificates of Character.

All applicants for admission into any class in the College, or Preparatory Department, must bring satisfactory testimonials of good moral character.

The following paragraphs from the "Regulations" are added for the benefit of intending matriculates:

Admission of Students.

24. By the acts of the Legislature each legislative Representative District is entitled to send, on competitive examination, one properly prepared student each year, between the ages of twelve and twenty-five, to the College, free of tuition. The candidate presenting himself at the College for admission under this authority shall deliver to the President a certificate from his district Board of Examination setting forth "that the Board was duly appointed by 'the court of claims,' as prescribed in the charter of the College, approved March 4th, 1880; that he is between the ages of twelve and twenty-five, and that he has been selected on competitive examination from all of the students (of whom there shall not be more than one from each common school), sent before the Board by the trustees and teachers of the several common schools in the district." The candidate shall then be examined by the Faculty, or a committee appointed by it, and must pass a satisfactory examination in Spelling, Reading;

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Writing, Arithmetic, English Grammar, and Geography, in order to be admitted as a "*properly prepared*" student within the meaning of the act of the Legislature.

25. The charter of the College also provides "that teachers or persons preparing to teach may be admitted free of tuition charge for one year, at the rate of not more than four, at the discretion of the Board of Trustees, for each Legislative Representative District." A person desiring admission under this provision must present to the President a certificate from the School Commissioner of his county, or from some other satisfactory source, setting forth "that the applicant is a citizen of the county from which admission is claimed, and that he is a teacher, or is preparing to teach."

26. The charter also provides "that other students, without regard to place of residence or birth, may also be admitted to the College on the payment of the fees prescribed for them by the Board of Trustees or the Academic Board."

29. No applicants will be admitted who are under fourteen years of age, excepting those who, by the charter of the College, are admitted to free tuition at an earlier age.

30. *Every student on admission, and before he is allowed to recite, shall present to the President a certificate from the Treasurer showing that he has paid the sum required in advance on account of tuition or other items.*

31. As a further condition of admission, the applicant must answer affirmatively the following questions, viz: Have you read and understood the regulations governing this Institution? Do you acknowledge your obligation to obey them? He must also subscribe the following form in a book kept for that purpose by the Faculty: "We, whose names are hereunto subscribed, do declare that we acquiesce in the regulations of the Agricultural and Mechanical College of Kentucky, and acknowledge our obligation to obey them."

32. Having complied with the prescribed conditions, the student shall be registered on the College roll. He shall be considered as a member of the College, and amenable to its regulations during vacations as well as during the sessions, until he shall have been graduated or formally discharged, honorably or otherwise. In the case of an honorable discharge, he shall be entitled to a certificate in the following words:

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"I certify that A B was honorably discharged from the Agricultural and Mechanical College of Kentucky on the — day of —.

Secretary [or Clerk] of the Faculty."

33. No honorable discharge or leave of absence will be granted to a student within six weeks of the termination of the collegiate year, excepting in cases of great emergency.

34. Every student on entering the Institution shall be furnished with a copy of its regulations, and no plea of ignorance shall be admissible in extenuation of any failure to comply with their requirements.

Practical Instruction and Training.

58. In addition to the theoretical study required of every male student in mechanics, agriculture, and military arts, every male student who accepts the privilege of free tuition, and such others as may elect, shall pursue a course of practical instruction in mechanics and agriculture. For labor performed in that way that is valuable otherwise than as a means of instruction, a reasonable compensation will be allowed, the proceeds going, if necessary, first to supply the student with the prescribed military uniform, and after that toward the payment of his rent and board account.

59. For military instruction and training there will be a drill, or other military exercise, every day, Saturdays and Sundays excepted, and lasting one hour; unless the President may dispense with it. The drill will be conducted in the academic building when the weather or condition of the ground will not permit it out of doors. Special military exercises may be ordered by the President at any time.

64. Besides the means above provided for the repression of neglect and misconduct, a demerit system shall be enforced. The Commandant shall keep a register of all delinquencies for which the students are reported, and shall charge against each offense, not satisfactorily explained, a number of demerits according to the following scale:

- An offense of the first class will count 5.
- An offense of the second class will count 4.
- An offense of the third class will count 3.
- An offense of the fourth class will count 2.
- An offense of the fifth class will count 1.

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In the first year of the student at the College offenses will count one-third less than in the above scale. The Faculty will classify to suit this scale the offenses ordinarily committed by students. At the end of every month for which the number of demerits recorded against any student is less than 10 the difference between 10 and the number recorded shall be deducted from his aggregate record of demerit.

65. Any student whose record of demerit at the close of a session shall amount to 100 for that session, shall, *ipso facto*, be dismissed.

Discipline and Police. *new clar*

68. When a student has been reported for any grave misdemeanor requiring severe punishment, the Commandant shall order his arrest, either directly or through the Adjutant.

69. In case of violent disturbance, open contumacy, or other outrageous conduct on the part of a student, the officer of the day, or any member of the Faculty present, may place the offender in arrest, and order him to his quarters. In all such cases the arrest must be promptly reported to the Commandant, and by him to the President.

70. A student placed in arrest is in duty bound to obey the orders of the officer making the arrest, and the conditions attached to it, on pain of dismissal. Any student guilty of breach of arrest shall be dismissed.

71. No student in arrest is allowed to exercise command, but shall confine himself to his quarters until released, unless otherwise specially ordered, except when required to be absent for the performance of some of his academic or military duties, and except on a necessary occasion, and for meals.

72. No student in arrest will make a visit to the commanding or other officer unless sent for. In case of business he shall make known his object in writing, and he shall not apply for the usual indulgences granted to the students.

73. No student will be released from arrest except by the President or by the Commandant.

74. A student placed in confinement for punishment shall be subject to the same regulations as a student in arrest; and a breach of confinement, or a failure to perform any extra duty

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awarded as a punishment, shall be considered an offense of the gravest nature, and treated accordingly.

75. All deliberations or discussions among students having the object of conveying praise or censure, or any mark of approbation or disapprobation toward the College authorities, are forbidden.

76. Any student who shall disobey a lawful command of the President or of any Professor, Instructor, or other superior officer, or behave himself in a refractory or disrespectful manner toward either of them, shall be dismissed, or otherwise less severely punished, according to the nature of his offense.

77. No Cadet shall bring any spirituous or intoxicating liquor, or cause the same to be brought, within or near the College limits, or have the same in his room or possession, upon pain of being dismissed, or less severely punished as the Faculty may direct.

78. Any student convicted of visiting a drinking saloon, or a gambling or other disreputable house, or of being intoxicated, or of gambling at cards or other game of chance, or who shall make, cause, or procure to be made, a false official report or statement in regard to a matter of College duty or government, shall be dismissed, or less severely punished, according to the gravity of his offense.

79. No student shall play at cards, or any other game of chance, within the College limits, or bring or cause to be brought within the limits, or have in his room, cards or other articles used in games of chance. All games and amusements of every kind are forbidden during study hours.

80. All conspiracies and combinations of students, with a view of violating or evading the regulations of the College, are prohibited on pain of dismissal; and any interference of one or more students with another student, or with a candidate for admission, in the nature of "hazing," shall be punished as the Faculty may direct. And no student, whether resident in the dormitory or elsewhere, shall be a party to any combination, or sign any petition, remonstrance, or protest, for any purpose relating to the management, government or conduct of any department or interest connected with the College or under its supervision and control.

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81. The use of tobacco for smoking or chewing on any duty, or in the College building, dormitories, or dining-rooms, and all profanity and obscenity, are forbidden.

82. Any student may be removed from the dormitory and the mess when, in the judgment of the President and Commandant his removal is deemed expedient in the interest of discipline and morality.

83. No student shall cook, prepare food, or give any entertainment in his room, or elsewhere within the College limits, without permission from the Commandant.

100. All permits to be absent from any duty, or from quarters during study hours, must have the approval of the President. All other permits for absence may be granted by the Commandant of the Corps; and every permit for a brief absence will be deposited with the Officer of the Day, to whom the student will invariably report at the expiration of his permit, whether it has been used or not. No permit will bear the name of more than one student.

101. If the Cadet be in arrest or in confinement, or confined to less than the usual limits, or if his name be on the *sick report*, the fact must be stated in the permit.

102. All applications by students for leave of absence must be made in writing, addressed to the Commandant of the Corps, and specify the place to which the applicant wishes to go. If the application is for a longer period than the Commandant is authorized to grant, he will forward it to the President.

104. Every student who overstays his leave of absence, must produce satisfactory evidence of his having been detained by sickness or some other unavoidable cause.

104. Every student, on returning from leave of absence, will immediately report, in person, to the President.

105. A leave of absence shall not be construed to grant the student any indulgence at the College, or to absolve him from the observance of regulations.

106. Applications to be excused from any duty, must be made in ample time before the beginning of the duty.

107. Except in cases of sickness, no Officer of the College will absent himself from any duty without the permission of the President, and with the assent of his immediate superior.

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123. No student shall be absent from his room between taps and reveille without permission from the Commandant.

124. No Cadet shall visit the room of another during study hours.

125. No student shall throw anything from the windows or doors, nor any missile in the vicinity of the public buildings.

126. No student shall play upon any musical instrument in study hours, or otherwise disturb the quiet of the Quarters.

127. Students shall walk the halls and pass up and down stairs in study hours in a soldier-like and orderly manner. Loud talking or laughing, scuffling, and all other unnecessary noise in the buildings, are prohibited at all times.

128. No student shall post any placard, or notice upon any of the College buildings, fences, or other improvements or places, or affix to the walls of his room any map, picture, or piece of written or printed paper, without permission from the Commandant.

129. Students are forbidden to take or have in their quarters any newspapers or other periodical publications without special permission from the President. They are also forbidden to keep in their rooms any books except text-books, without special permission from the President.

130. No student shall mark, cut, or in any manner deface or injure the buildings or other property of the College.

171. Any student having an explanation to offer for an offense for which he has been reported, will express it in writing according to the prescribed form, and present it to the Commandant of the Corps within forty-eight hours after its publication. If satisfactory, the Commandant will erase the report; if not satisfactory, he may refer the explanation to the reporting officer, who shall indorse upon it such remarks as may be pertinent, and return it to the Commandant.

172. No explanation will be received after the lapse of forty-eight hours, unless sickness, absence, or some other unavoidable cause, which must be fully stated, has prevented its presentation within the prescribed time, in which case it must be presented as soon as possible.

173. Whenever a student is absent from any duty, or absent from quarters after taps, or at any other time longer than thirty

minutes, he will be punished as if beyond the College limits, unless his absence is satisfactorily accounted for.

174. Explanations will include only such statements of fact and of the intentions of the student as may be necessary for a correct understanding of the case, and will not be made the medium of complaint or criticism, or of irrelevant remarks.

175. Appeals to the President for the reconsideration of reports will not be entertained after the expiration of ten days from the time they were recorded, except in cases where it was impracticable to apply for a reconsideration within that time.

176. No student shall address an officer or Cadet who has reported him for an offense on the subject of such report, unless specially permitted, in writing, by the Commandant of the Corps; and no officer or Cadet having made such report against a student shall hold any conversation with him concerning it unless referred to with the proper permission.

Prizes.

The Governor's Medal is awarded at the close of each collegiate year to the student who has made the highest standing in four daily recitations during the year. The person to whom the Governor's Medal is thus awarded shall not be eligible as a competitor for the same a second year.

Gold medals will also be awarded to students who make the best record during the year in the departments of Metaphysics, Chemistry, Ancient Languages, and Modern Languages. The same student shall not be eligible to compete for a medal a second time in any department in which it may have been awarded him.

CALENDAR.

First term begins Wednesday, September 9, 1885.
Thanksgiving, Thursday, November 26, 1885.
Christmas holidays begin Wednesday, December 23, 1885.
Christmas holidays close Friday, January 1, 1886.
Intermediate examinations Friday 14-23, 1886.
Second term begins January 25, 1886.
Washington's Birthday celebrated February 22, 1886.
Final examinations May 17 to June 1, 1886.
Board of Trustees meet June 1, 1886.
Commencement June 2, 1886.

Calendar

has class cal^s

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Bauer

- First Term begins September 8 1886
- Thanksgiving Thursday November 23 - 1886
- Christmas Holidays begin Thursday December 23 1886
- Christmas Holidays close Monday January 3 1887
- Intermediate Examinations January 17 - 21 1887
- Second Term begins January 24 1887
- Washington's Birthday celebrated February 22 1887
- Final Examinations begin May 10 - 31 1887
- Miner Library Society Annual Exhibition May 27 1887
- Philosophical Society - Exhibition May 30 1887
- Board of Trustees meet May 31 1887
- Commencement Thursday June 2 1887

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No 1 Addenda Appendix

STATE COLLEGE OF KENTUCKY. PRESIDENT'S ROOM.

LEXINGTON, KY., December 4th, 1885.

TO THE FARMERS OF KENTUCKY:

In addition to the regular course of study, "embracing those branches of learning related to Agriculture and the Mechanic arts," as required by the act of Congress, establishing Agricultural Colleges, approved July 2, 1862, the State College of Kentucky has established an EXPERIMENTAL AGRICULTURAL STATION, in close relationship with the Bureau of Agriculture at Washington, and has appointed as Director thereof Professor M. A. Scovell, late Superintendent of the United States Experimental Station at Ottawa, Kansas.

The officers of the Station are the following named gentlemen, viz:

- PROF. M. A. SCOVELL, Director.
- PROF. ROBT. PETER, General Chemistry.
- PROF. A. R. CRANDALL, Botany, Zoology and Entomology.
- PROF. A. E. MENKE, Agriculture and Organic Chemistry and Veterinary Science.

In the Experimental Station Experimental Work mainly, will be done. The Station is now prepared to analyze and test fertilizers, milks, waters, foods for stock, soils &c., for the farmers of Kentucky free of charge.

The Director of the Station proposes to establish a Bureau of Correspondence and invites the farmers throughout the State to communicate with him in regard to all questions and problems relating to agriculture, stock, fertilizers, insects affecting vegetation, seeds, relative values of foods for nutritions, which interest the practical agriculturist.

Bulletins will be issued from time to time in language which the farmers can understand, giving the results obtained by experiment at the Station. These will be distributed gratuitously. All interested are invited to send to the Director the names of leading farmers in each county, to whom these Bulletins may be sent.

All communications relating to the work of the Station will be addressed to PROF. M. A. SCOVELL, Director Experimental Station, State College, Lexington, Ky.

W. B. KINKEAD, Chairman of the Executive Committee of the A. & M. College.

JAS. K. PATTERSON, President.

Brewer

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Brewer

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§ 6. The Director of said Kentucky Agricultural Experiment Station shall pay all such fees received by him into the Treasury of the Agricultural and Mechanical College of Kentucky, the authorities of which shall expend the same in meeting the legitimate expenses of the Station, in making analysis of fertilizers, in experimental tests of same, and in such other experimental work and purchases as shall inure to the benefit of the farmers of this Commonwealth. The Director shall within two months of the Biennial meeting of the General Assembly, present to the Commissioner of Agriculture a report of the work done by [him] together with an itemized statement of receipts and expenditures for the two years preceding under the operations of this act.

§ 7. The Director of said Experiment Station is hereby authorized in person or by deputy to take samples for analysis from any lot or package of any commercial fertilizer which may be in the possession of any dealer in this State. And he is hereby authorized to prescribe and enforce such rules and regulations as he may deem necessary, to carry fully into effect the true intent and meaning of this act; and any agriculturist, a purchaser of any commercial fertilizer in this State, may take a sample of the same under the rules and regulations of the Director of the said Experiment Station, and forward the same to the Experiment Station for analysis, which analysis shall be made free of charge.

§ 8. This act shall be in force from and after its passage, and all acts in conflict with this act are hereby repealed.

CHAS. OFFUTT,

Speaker of the House of Representatives.

JAMES R. HINDMAN,

Speaker of the Senate.

Approved April 13th, 1886.

J. PROCTOR KNOTT,

By the Governor.

J. A. MCKENZIE,

Secretary of State.

Report of Class in
 Elementary Chemistry & Physics
 Agri. & Mech. Col. Ky. U. Sess. 1871-2 (2d term)

	C.	I.	P.	S.
Ardoy Jas. A.	100	100	95	89
Adams F. H.	100	100	99	82
Button Tho ^s . R.	98	85	95	79
Bennett Wm. A.	100	100	99	80
Cooper Rob ^t . M. E.	100	95	97	89
Carswell Rob ^t . E.	100	100	98	88
De Kooze Eugene	100	100	98	91
Frazier Dav. W.	100	100	99	89
Frazier Jas. R.	100	98	95	87
Fitzgerald Wm.	100	100	98	90
Forman Wm. M.	98	75	92	70
Hoover Ernest	100	95	95	70
Moore Jas. S.	100	90	90	70
Milam E. E.	100	100	95	89
Meriwether Maj. A.	100	95	90	70
M. Cullough Rob ^t .	95	75	80	64
Parrish Pettis S.	100	100	95	81
Prather Hugh L.	100	100	95	82
Spindle Ben. H.	100	100	95	83
Skene Geo.	100	100	97	92
Wiseheart Gardin	100	100	98	84
Sleet Henry C.	100	100	80	77

82
 82
 82

In addition to those the
following named students began
the 2^d term but left Col. ^{or the class} before
the termination of the course:

- Anderson And. E.
Booth Lou S.
Coleman Geo. S.
Caston Tom
Cooper John F.
Forrester Andy B.
Lord Jas. A.
Moore Jas. S.
McMillan Kirk B.
McMillan H. W.
Curlee Jas. M.

Respectly
A. O. Peter

Leqⁿ June 12th / 1872 (Prof^r)

P.S. Mr. Oliver submits a separate
report of the classes in Elementary Physics P.

Karns.
Fallen
Rouse
Mayes
Strange
Moore
Eubank
Ladd
Sanders
Poultier
Monin
Ryley
Ryley
Brown
Cook
Karr
Bond
Staton
Jones
Groff
Coff
Elliott

Elliott
Rosin
Lambuth
Bowling
Cox
Tandy
Brown
Thornberry
Crain
Pool

Door lock. 25 cts.

148
196
1

The State College of Kentucky,

Lexington, Monday, June 6, 1881.

Sir: In accordance with a regulation of this College, I submit herewith a report of the class in Greek and Latin during the session which is to terminate on Wednesday next, June 8, 1881.

I am yours very respectfully,

Res. J. H. Patterson.

John H. Neville, Prof. of Greek & Latin.

1. Preparatory Class in Latin, meeting five times a week.

Members: Allen (6 months), H. Bartlett, F. Bartlett, Brown, Davis (3 mos.), Gillespie, Henry, Jasper, Jewell, Lyons, Morgan, Oldham (3 mos.), Patterson, Payne, Reid (5 mos.), Robinson, Roy (6 mos.), T. Shackelford, Smith, Spears, Tutton and Wilson - 22.

Latin studied: Gildersleeve's Latin Primer and Reader, both reviewed.

2. Preparatory Class in Greek, meeting five times a week.

Members: Allen (6 mos.), Davis (3 mos.), Dodson, Roy, ^{Speaks,} Smith, Henry - 6.
Greek studied: Hadley's Elementary Grammar, White's Lessons, Anthon's Reader.

3. Freshman Class in Latin, meeting five times a week.

Members: Can, Cromwell, Irving, Spack (7 mos.), Walker, ^{McKean,} Wilson, Woodfolk - 8.
Latin studied: Virgil's Bucolics, Four Books of the Aeneid, the twenty first Book of Livy and a part of the twenty second, fifty exercises in Andros Comp.

4. Freshman Class in Greek, meeting five times a week.

Members: Duncan (6 mos.), Lytton (3 mos.), M^{rs} Cloward, Shanklin (6 mos.)

Holt and Taylor. — 6.

Greek Studies: Five Books of Xenophon's Anabasis, one hundred and twenty-five duodecimo pages of Herodotus, Jones' Exercises in writing Greek.

5. Sophomore Class in Latin, averaging two and a half times a week.

Members: Shanklin (8 mos.), J. Shackelford and Taylor. — 3

Latin Studies: Cicero De Senectute, De Amicitia, De Officiis, with a review of the two former; review of Latin Grammar, with exercises in writing Latin.

6. Sophomore Class in Greek, averaging two and a half times a week.

Members: J. Shackelford and Taylor. — 2

Greek Studies: Two Books of Thucydides, six orations of Demosthenes.

The recitations of all the classes in Greek and Latin amounting to more than four hours a day, the Freshman Class in Latin was committed to the charge of John Patterson, one of the best of my former students in Kentucky University, he having volunteered to instruct a class without pecuniary compensation. He has discharged the duty not only faithfully and well, but, I believe, with entire satisfaction to all concerned, both Students and Faculty.

Any one who has had much experience in a college knows that, both even an elementary course of instruction, the classes in Greek and Latin cannot be reduced to less than four in each language. The alternatives are therefore the employment of at least two classical teachers or the total omission of Hamlet from the play. The necessity for an additional teacher was felt at once

at the beginning of the present session, and it is next to certain that it will be still more urgent at the beginning of the next, for it is next to certain that the number of classes in Greek and Latin will be increased by at least two.

Respectfully Submitted —

John H. Neville,

Prof. of Greek and Latin.

Lexington, Ky.,

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1

1 I acknowledge freely, frankly and
impressively that I was on
— day of Oct. guilty of a
deliberate and wilful breach of
discipline in refusing to obey
Col Clark's commands to drill.

2 I hereby apologize to him and
to the Battalion for the offence
committed, offering freely in
my confession of a violation of
duty, all the amendment
that an honorable man
can make viz: sincere regret
for the offence and a

~~determination to obey loyally and
manfully hereafter.~~

2 I hereby apologise to the
~~Battalion~~ Col. Clark and
to the Battalion by expressing
my sincere regret for the
act of disobedience, by
asking his pardon for the
same and by a promise
on my honor to render
a frank and manly obed-
ience in the future,

State College of
Kentucky.
President's Room.

Coxington, Ky., 188

>

Such terms as Col. Clark may
direct.

Whole number of students in Latin, 91; Whole number of

Thorough, 3
 Good, 2.5
 Indifferent, 1.5
 Bad, 1
 Failure, 0

A. & M. COLLEGE.

Latin CLASS. DEPARTMENT OF
 Report for the Week Ending January 27, 1888

SCALE OF DAILY MERIT.

MAXIMUM FOR THE WEEK, 15

NAMES.	M.	T.	W.	Th.	F.	TOTAL.	REMARKS.
Miss Baker						14.2	
2 Miss Gaitskill						14.1	
3 Miss Williams						14.1	
4 Miss Mulligan							Not present
5 Mr. Stewart						14.3	
6 Mr. Norman						14.3	
7 Mr. Deane						15	
8 Mr. Gunn						15	
9 Mr. Stanfill						15	
10 Mr. Garity						15	
11 Mr. Faulkner						12.3	
12 Mr. Ogden						14.	
13 Mr. Wilson						12.3	
14 Mr. Pottinger						15 12.5	
15 Mr. Bush						12.5	
16 Mr. Rankin						11.	
17 Mr. M ^r . Farlin						13	
18 Mr. Baltzer						15	
19 Mr. Coyle						10.	
20 Mr. West						7	✓
21 Mr. Lancaster							Has just cut
22 Mr. Miller							do.
23 Mr. M ^r . Keena							do.
24 Miss Combs							do.
25 Miss Coons							do.
26 Miss Tomlinson							do.
27 Miss Woolman							do.

John H. ...