47-M-64

A & M. College, Lexington Ky
June 2nd 1885.

Prof. Jas. K. Patterson
Pres^dt A & M. College.

Dear Sir

I have the honor to submit herewith a report of the condition of the classes under my charge in the schoolyear 1884/85. – The classes in modern languages were attended in all by fifty two students, of whom eighteen were girls. They were taught in five classes, four classes reciting daily and one, the Senior German, reciting every other day. Of the number originally entered, there were present at the examination at the end of the year, only thirty, among them nine girls. – The work done may be called satisfactory, generally speaking, since a large number successfully passed the final examination. The study in some classes, however, has been seriously interrupted by the long and severe winter. – This has been the case chiefly in classes, principally attended by girls, especially as the classrooms in the upper stories cannot be sufficiently warmed by the present heating apparatus, to be at all comfortable.

Very Respectfully
F. M. Stelveti
Prof. German and French

47-M-64

A. & M. College, June 3d 1884

Prof. Jas. K. Patterson
President A. & M. College.

Dear Sir

Herewith I have the honour, to hand you the report concerning the classes under my charge for the School-year 1883-84. The classes in modern languages were attended in all by 62 students 18 of whom were girls. German was taught in 3 classes, (2 daily and 1 every other day) and was studied by 47, 10 of whom have satisfactorily completed the course prescribed. French was also taught in 3 classes (2 daily and 1 on alternate days) was attended by 15 students, only one of whom has completed the course.

Respectfully
F. M. Eldredge
Prof. German & French.

47-M-64

Lexington, Ky.
June, 3d 1884.

Dr. James K. Patterson,

I would respectfully submit the following: The whole number of pupils belonging to the Normal Department of the A. & M. College of Kentucky for the Collegiate year of 1883 & 4, is — 25.

Males — 17

Females — 8

Certificates of qualification to teach in the common schools of the State will be issued to — 11.

There will, also, be one candidate for graduation, Miss Lena Hocking of this City, who has completed the course of instruction, prescribed by the Board, for the Normal Department, to the entire satisfaction of the Faculty of the College.

Respectfully,
Mamie Kirby.

47-M-64

Prof. Atlanti's reports

A. & M. College June 4th 1883

Prof. Jas. K. Patterson
President A. & M. College

Dear Sir

I have the honour to hand you herewith report of the classes under my charge during the schoolyear 1882-83. The classes in modern languages have been attended in all by 78 students of whom there remain at present 52, distributed as follows: Elementary German 29, Junior German 7, and Senior German 4; Elementary French 6, Junior French 6, there being no senior class in French this year.

The Elementary Class in German have gone through the 1st and 2nd book of Ahn's Method, with reading and writing exercises and daily practice in conversation. The Junior Class have studied Ahn's 3rd and 4th book and, besides written and conversational exercises, have read Schiller's „Der Neffe als Onkel", „Die Jungfrau von Orleans" and parts of Goethe's „Hermann und Dorothea". The Senior Class has read Lessing's „Nathan der Weise" and during the second term has studied a „History of German Literature (Klemm) in German, at the same time

reading longer extracts from the works of the more important German authors.

The Elementary Class in French have studied the elements of French Grammar and been practised in reading and writing. The Junior Class have read Legouvé's "Doigts de Fée" Racine's "Athalie" Molière's "Femmes Savantes" and part of Corneille's "Cinna".

The progress in the different classes has been on the whole satisfactory, although the work has been somewhat hindered, especially in the lower classes, by the attendance of a number of young persons, mostly girls, entirely unprepared for college work. On the other hand, some of the best work done in my classes, has been done by girls.

Very Respectfully
your obt. Servt.
F. M. Blodgett

Report of the Standing of Students in Latin and Greek,
for the Term ending June 8, 1882.

1. First Preparatory Latin.

	C.	A.	S.		C.	A.	S.
Bartlett, F.	100	100	78	Morin	100	95	90
Breckinridge, D.	100	70	~~65~~	Parker, W.	100	95	70
Burbridge, J.G.	100	85	70	Poulter	100	80	—×
Clay	100	70	50	Pilliam	100	80	—×
Cromwell, Miss	100	—	—×	Ramsey	100	95	92
Clark, J.	100	90	50	Riley, O	100	95	88
Eubank, B.P.	100	100	90	Robertson, J.	100	83	85
Eubank, G.H.	100	90	75	Robinson, J.	100	70	60
Eubank, J.	100	95	85	Sanford	100	90	88
Freeman, W.	100	95	50	Scott	100	95	75
Gillespie, G.	100	90	75	Shaw, R	100	95	75
Gordon.	100	90	78	Schmidt, Miss E.	100	95	88
Hodges, Miss M.	100	93	85	Thornberry	100	96	90
Hodges, Miss H.	100	70	85				

2. Second Preparatory Latin

Atkins, H.	100	50	70	Ladd, H.T.	100	95	84
Eubank, G.H.	100	95	82	Lyons, J.	95	95	83
Eubank, B.P.	100	95	80	Morgan, T.	90	90	80
Gess, Geo	90	95	85	Patterson, W.A.	95	95	80

	C.	A.	S.		C.	A.	S.
Rosson, I	100	90	80	Shryock, Miss	100	95	90
Shackleford, T.	95	95	87	Tisdale, H.S.	100	80	75

3. Sophomore Class in Latin.

Breckinridge, Miss	100	95	98	Woolfolk, J.G.	100	90	—×
Kirkead, Miss Ellen	100	95	98				

4. Sophomore Class in Greek.

Taylor, J.W.	100	—	98

5. Preparatory Class in Greek.

Jones, H.C	100	100	98	Tarlton	100	100	85
Lambuth	100	100	98	Smith, W.A.	100	90	80
Payne, J.B.	100	100	95				

6. Irregular Class in German

Riley, O.	100	100	88	Taylor, J.W	100	100	92

× not examined.

Tutor J.W. Taylor, Robertson Station, K.C.R.R, has made no report of his class.

John H. Neville

State College of Kentucky.

Lexington, Ky., January 1882

DEAR Sir.

The following Report represents the standing of Chas Gorman in Scholarship, Conduct and Punctuality* during the term which closes January 1882

JAMES K. PATTERSON, President.

	S.	C	P.
AGRICULTURE AND HORTICULTURE.			
HISTORY. Junior. Senior.			
MATHEMATICS. Freshman. Sophomore, Junior, Senior.			
METAPHYSICS AND MORAL PHILOSOPHY.			
ENGLISH LANGUAGE AND LITERATURE. Freshman, Sophomore, Junior, Senior.			
LATIN LANGUAGE AND LITERATURE. Preparatory, Freshman, Sophomore. Junior, Senior,			
GREEK LANGUAGE AND LITERAATURE. Preparatory, Freshman, Sophomore, Junior, Senior.			
GERMAN LANGUAGE AND LITERATURE. Junior, Senior.			
FRENCH LANGUAGE AND LITERATURE. Junior, Senior.			
MILITARY SCIENCE. Tactics. Engineering.			

	S.	C.	P.
PRACTICAL MECHANICS.			
NATURAL SCIENCE. Freshman, Sophomore, Junior, Senior.			
CHEMISTRY. Junior, Senior, Practical.			
PREPARATORY DEPARTMENT. Geography, English Grammar, —	84	100	98
Arithmetic, — — —	82	100	97
Algebra, History			
NORMAL SCHOOL. First Year.			
Second Year.			
Third Year.			
COMMERCIAL DEPARTMENT. First Year.			
Comm Law	88	100	95
Book Keep	95		
Second Year.			
Third Year.			

*100 is the Maximum.

Absence from Chapel.
Excused.
Unexcused.
General Conduct. ~~100~~ 95

State College of Kentucky.

Lexington, Ky., June 1882

DEAR Sir

W. L. Gorman in Scholarship, Conduct and Punctuality* during the term which closes June 1882

JAMES K. PATTERSON, President.

	S.	C	P.
AGRICULTURE AND HORTICULTURE.			
HISTORY. Junior. Senior.			
MATHEMATICS. Freshman. Sophomore, Junior, Senior.			
METAPHYSICS AND MORAL PHILOSOPHY.			
ENGLISH LANGUAGE AND LITERATURE. Freshman, ... not exam. Sophomore, Junior, Senior.			
LATIN LANGUAGE AND LITERATURE. Preparatory, Freshman, Sophomore. Junior, Senior,			
GREEK LANGUAGE AND LITERAATURE. Preparatory, Freshman, Sophomore, Junior, Senior.			
GERMAN LANGUAGE AND LITERATURE. Junior, Senior.			
FRENCH LANGUAGE AND LITERATURE. Junior, Senior.			
MILITARY SCIENCE. Tactics. Engineering.			

	S.	C.	P.
PRACTICAL MECHANICS.			
NATURAL SCIENCE. Freshman, Sophomore, Junior, Senior.			
CHEMISTRY. Junior, Senior, Practical.			
PREPARATORY DEPARTMENT. Geography, English Grammar, Arithmetic, Algebra, ---- History	75	100	95
NORMAL SCHOOL. First Year. Arith.	96	100	100
Second Year.			
Third Year.			
COMMERCIAL DEPARTMENT. First Year Book Keeping	96	100	100
Second Year.			
Third Year.			

*100 is the Maximum.

Absence from Chapel.
Excused.
Unexcused.
General Conduct. 100

State College of Kentucky.

Lexington, Ky., June 7 1882

DEAR Sir,

The following Report represents the standing of Jno W McMeekin in Scholarship, Conduct and Punctuality* during the term which closes June 7 1882

JAMES K. PATTERSON, President.

	S.	C.	P.
AGRICULTURE AND HORTICULTURE.			
HISTORY. Junior. Senior.			
MATHEMATICS. Freshman. Sophomore, Junior, Senior.			
METAPHYSICS AND MORAL PHILOSOPHY.			
ENGLISH LANGUAGE AND LITERATURE. Freshman, Sophomore, Junior, Senior.	90	100	99
LATIN LANGUAGE AND LITERATURE. Preparatory, Freshman, Sophomore. Junior, Senior,			
GREEK LANGUAGE AND LITERAATURE. Preparatory, Freshman, Sophomore, Junior, Senior.			
GERMAN LANGUAGE AND LITERATURE. Junior, Senior.	70		
FRENCH LANGUAGE AND LITERATURE. Junior, Senior.			
MILITARY SCIENCE. Tactics. - - - - Engineering.	75		

	S.	C.	P.
PRACTICAL MECHANICS.			
NATURAL SCIENCE. Freshman, Sophomore, Junior, Senior.			
CHEMISTRY. Junior, Senior, Practical.	88	100	99
PREPARATORY DEPARTMENT. Geography, English Grammar, Arithmetic, Algebra, History			
NORMAL SCHOOL. First Year.			
Second Year.			
Third Year.			
COMMERCIAL DEPARTMENT. First Year			
Second Year.			
Third Year.			

*100 is the Maximum.

Absence from Chapel.
Excused.
Unexcused.
General Conduct. 100

47-M-64

Prof Shackleford's
Report
June 1880.

Lexington Ky, June 8th. 1880.

President J. K. Patterson:

Dear Sir:-

I submit the following brief statement of my work in the A. & M. College of Ky during the year now drawing to a close.

I have taught the following classes:
1st, A Preparatory Grammar Class; the average attendance in this class has been about twenty;
2nd, An Advanced Grammar Class; average attendance, about sixteen;
3d, A class in Rhetoric and English Lessons; average attendance, about ten;
4th, A Class in Hamilton's Logic for five months; average attendance, six:

5th, A class in English Literature, since the intermediate examinations; average attendance, ten;

6th, A class in Whateley's Rhetoric since the intermediate examinations, average attendance, seven.

In addition to the foregoing classes, I have, for the last five months, taught a Reading & Primary Grammar class, and a small class of beginners in Algebra.

I take this opportunity of expressing my appreciation of your considerate kindness towards me in all the work of the College.

Yours truly.
John Shackleford

Lex. Ky. Sept. 15th 1882.

Board of Trustes of the A. & M. College of Ky.

Gentlemen:

After a careful examination of the Regulations adopted by Your honorable body, June 30th 1882, for the government of the A. & M. College, we feel it our duty, charged as we are with the execution of these Regulations, to submit to You the following considerations regarding some of the Regulations.

Regulations 14, 15 and 17 provide for the organization of four (4) or more Companies of Cadets, requiring at least 54 officers & non-Commissioned officers, to be selected "from those Cadets who have been most studious, soldier-like in the performance of their duties."

The small number of Cadets possessing such qualifications makes it impossible now, to provide the required number of officers.

We suggest that the last word on page ten (10) of the Regulations be changed to two (2) instead of four (4).

47-M-64 Prof. Helveti's Report
June 1880

Prof. Helveti's Report
Modern Languages.

Lexington Ky. June 8th 1881

Prof. Jas. K. Patterson
Pres. A. & M. College

Dear Sir

I have the honour to submit herewith Report of the classes under my charge during the school-year just past.

I have had charge of five classes, Junior and Senior German, Junior and Senior French and Junior Civil History. The Senior Class in French had to be given up, for which I substituted a second Junior German Class for the benefit of students who had entered College too late.

There have attended in Junior German about 40 students in all, in Senior German 8, in Junior French 10, in Senior French 1, in Civil History about 30.

The progress made in the different classes has been satisfactory. I would recommend that the course of German be extended to three years from two, as at present.

Very Respectfully

F. M. Thirsk

Prof. Mod. Languages.

47-M-64

Prof Peter's Report
June 1880.

The undersigned respectfully reports that 149 students entered his class in Elementary Chemistry at the beginning of the second term, of which number 14 were from the College of Arts & of Ky. Univ.

Of these 29 remained to be examined at the end of the course of whom 10 were from Ky. Univ.

In his Senior Class four students entered his Class on Agricultural Chemistry, all of whom remained to be examined

In the Class on Practical Chemistry, under the immediate charge of my son five students entered two of whom were from Ky. University.

These classes have

progressed in as satisfactory manner as usual. A detailed report of the standing of the several students ~~[illegible]~~ will be submitted as soon as it can be made out

Very respectfully

Rob Peter

Lexington Ky June 8-80.

Jas K Patterson Pres't Ag'l Mech. Col. Ky.

The following table shows the division of work in my Department and under my supervision out of my Department and the number of students in each branch for the year ending June 9. 1880

	No. Students	No from Ag'l Col.	Average grade on Examination 100. perfect.
Physical Geography	10	1	90
Anatomy & Physiology	12	4	88
Zoology.	5	3	89
Microscopy. & Comparative Zoology	5	3	No Student Examined
Drawing. & Anatomy.	22	5	91
Botany	17	8	91
Geology	8	3	92
Practical Mechanics	4	0	90

Prof. Crandall's Report

Stat. History.

47-M-44

No considerable changes have been made in this Department during this year. No additions have been made to apparatus except one microscope made by the mechanical class with objectives purchased to accompany it. The work with the microscope has been increased as far as possible with present means both in the laboratory and in the lecture room. Both the glass ~~microscope~~ and the Solar microscope being used for illustration before classes.

A R Crandall

47-11-64

Prof. Crandall's

Retreat

June 1880

A. & M. College of Ky. to J. L. McClellan Dr.

To Instruction of one class in Arith.
for second term of session 1879-80 $20.00

" Instruction of one class in Latin
for three weeks of V. P. Murphy's
unexpired term ending June 8th 1880. 3.00

$23.00

Received payment

J. L. McClellan

This account is correct.

Jas R. Pallen

Voucher No. 221
$23.00
J. L. McClellan
Paid June 10th 1880.

47-M-64

Approved
June 14 1880
[illegible] Rentlead C.T.B.

Board met & organized - Lexington Ky - June 8. 1880

Present L. I. Bradford - D.C. Buell, W.B. Kinkead, P.P. Johnson, R.S. Bullock

James F. Robinson Sr. A.R. Boone - Jno. G. Sinrall

- W.B. Kinkead in chair - governor absent

1. ~~Board met at County Judges office~~ and on motion of so W.B. Kinkead Jno. G. Sinrall was chosen secretary in absence of B. F. Buckner secy -

2. A.R. Boone - was sworn in as member of Board of Trustees -

3. The building Committee made their report - through Maj. P.P. Johnson

4 On motion of L. I. Bradford the contract of ~~&~~ committee on building to pay McDonald $60.00 - for drawing plans & estimates of College Buildings - ratified. -

On motion of P.P. Johnson, R.S. Bullock, A.R. Boone & P.P. Johnson are appointed Committee to report on chairs to be filled &c

adjourned till 4.

Committee's Report laid over till 8 1/2 morning -

~~On motion of L. I. Bradf~~

Report of President - recd. and on motion

of L. J. Bradford and Report is ordered to be filed and published. Reports of other persons read and ordered to be filed - and on motion of R.R.B. of Maj Robinson it is ordered that the report of Prof - Howell - be referred to Maj: Johnson Genl Buell, and Genl Robinson -

Bond of R. R. Bullock as Treas approved on motion of Genl. Robinson -

Lexington Ky June 8th 1880

The board of Trustees of the Agricultural and Mechanical College met and proceeded to the transaction of business at the office of Hon. W B Kinkead Jondge of Fayette County Court at 12 M Present the following members of the board D C Buell. L J Bradford W B Kinkead, J F Robinson Jr A R Boone, P P Johnston. R S Bullock & John T Sinnall - Gov L P Blackburn being absent. W B Kinkead then acted as Chairman and organized the meeting, and on his motion John T Sinnall was chosen Secretary ~~for~~ tem, in the absence of B F Buckner secretary, A R Boone was then sworn in as a member of the board of Trustees - The building committee, who had been appointed in pursuance of the action of the last meeting of the board then made their report through P P Johnston chairman, on motion of L J Bradford the contract of said committee with the Architect McDonald to pay him sixty Dollars, for

making plans and estimates of the College Building and Grounding was approved, on motion of R R Johnston the Chairman appointed a Committee composed of R S Bullock, A T Boone and R R Johnston, to consider the various recommendations of different Applicants for Vacant Professorships to be filled in the College and to determine what Chairs should now be filled and recommend suitable persons therefor and also the Salaries that should be paid the same. On motion of L J Bradford the report of the Building Committee was referred to D C Buell the Architect McDonald and Prof Crandall to revise the plans and estimates and recommend suitable changes to an adjourned meeting of the board, and thereupon the board adjourned to 4 oclk P. M.

June the 8th 1880 the board met pursuant to adjournment at 4 oclk P M. Present. L J Bradford W B Rickard, R R Johnston, J T Robinson Dr. R S Bullock A T Boone, & John G Spinard

The Committee appointed to report on the Chairs to filled, and the Salaries to be paid therefor, made their report through P P Johnston as Chairman, and the consideration thereof was postponed until to morrow the 9th of June at 8½ Oclk thereupon the President of the College James R Patterson made his report which on motion of L J Bradford was received and ordered to be filed and published, the board then received reports from Prof Shackleford filing the Chair of English Literature and Prof Crandall of Natural History and Prof R G Howell of Military Science and Prof White of Mathematics and Prof Peter of Chemistry and Prof Helveti of Modern Languages, and on motion of P P Johnston it was ordered that said reports be received and filed On Motion of Jas F Robinson Jr it was ordered that the report of Prof Howell relating to the Military department of the College be referred to a special Committee consisting of D C Buell P P Johnston & Jas F Robinson Jr to consider the matters referred to in said report

and make such recommendations touching the same as may seem to them proper. On motion of L J Bradford the recommendation by the Faculty as contained in the Presidents report, that the degree of Batchelor of Science be conferred on Jas. Crawford Alfred Meredith Peter Nicholas John Weller and George Croghan Whitley is approved and confirmed and the faculty is authorized to confer said degree on said persons. On Motion of Jas F Robinson Jr the Bond of R S Bullock as Treasurer of the College was approved, and thereupon the meeting adjourned till 8 1/2 Oclk June the 9th.

June 9. 1880. Met pursuant to adjournment - at 8 1/2 Oclock. Present W.B. Kinkead chairman, D.C. Buell A.R. Boone. P.P. Johnson L.J. Bradford, J.F. Robinson Jr. R.S. Bullock Jno. I. Simrall;

The preceding minutes approved.

The Report of the Committee on filling chairs & filling salaries was then taken up as and the following chairs or professorships

47-M-64

were filled by unanimous action of the members of Board present as follows to wit:- - Salary -

President, Prof. Mental Philosophy & Civil history J. K. Patterson $2000.4/11
Profes - Chemistry & Experimental Physics Robert Peter $1500 -
" Mathematics Physics & Astronomy Jas. G. White $1500 -
" English Literature. Shackelford $1500 -
" Natural History, Botany, Geology - & Mechanical department Crandall $1500 -
" Ancient Languages Neville $1500. -
" Theory & Practice of teaching Kirby $1500 -
" Book Keeping & Penmanship to be employed as travelling agent for the College when not otherwise engaged & it is thought desirable Vance $1200. -
Principal Preparatory Department Walter Patterson $1000 -
Adjunct Prof. Chemistry & Nat. history Peter $500.
Prof. Modern Languages - Helvetii $900 -

Gov. L. P. Blackburn appeared and took the Chair.

On motion of A. R. Boone it was ordered that the Executive Committee be authorized to employ an assistant to the instructor in practical Mechanics at or at the lowest salary for a suitable person

On motion of L. D. Bradford it
is, the Executive Committee is
authorized to fix Salaries of the
Secretary and Treasurer —

69-W-44

1

June 9 1880. Board met pursuant to adjournment at 4 P.M. present Gov Blackburn Chairman. Trustees Bradford Broome. Buell Kinkead Robinson Kinkead. The Committee consisting ~~composed~~ of General Buell with Prof. Crandall and Mr. McDonald, reported a plan for a College building which was accepted subject to such modifications as the Committee may see proper to make before it passes into the hands of a Contractor. A plan of dormitory to whom was referred the plans submitted by the Architect was submitted by the same Committee and accepted subject to the same conditions as the College building. On Motion of W.B. Kinkead a home for the President was provided for at a cost not exceeding $4000 ~~Not~~ plans to be prepared by the same Committee as above and submitted to the Executive Committee for their acceptance

[June 9, 1880]

3

On motion of Col. Bradford
Resolved that Pres. Patterson and Prof. S. Peter and Crandall be ~~authorized~~ directed to make out an estimate for the least possible amount of apparatus and instruments necessary for the A. & M. College to begin with and to report the same to the Executive Committee which is hereby authorized to direct the purchase of the same.

Luke P. Blackburn
Chairman
Board of Trustees
A & M College
Ky

[June, 1882]

1881

Pres. James K. Patterson

Dear Sir;

I desire to submit to you and through you to the Board the following Report of the Preparatory Department of the State College for the year 1881-2. There have been enrolled 115 pupils, 99 Males and 16 females. Twelve classes have been taught during the entire year, five by myself viz; one in Higher Arithmetic (29 pupils), one in Intermediate Arithmetic (14 pupils), two in Elementary Algebra (47 pupils) and one in English Grammar (20); by Prof. Pence, two in Arithmetic for the 1st session, three during the last session (72), one in History from beginning of term to 1st of April (40 pupils), one in Algebra from 1st of April to close of Term (26 pupils) and one in Primary English Grammar during entire year (47 pupils) also two in Geography during 1st Session (37 pupils) one during last Session (26 pupils); ~~one~~ by Prof. Kellerman one in Arithmetic 1st Session; by Prof. White one in Algebra from Jan. to April; by Prof. Kirby one in History from 1st April to close of year. Considering the disadvantages we labored under prior to removal to our own Building, caused by the insufficiency of the accommodations, the Department has been in the main a success during the year and now that we have all necessary accommodations we

[June, 1882]

1881

Pres. James K. Patterson

Dear Sir:

I desire to Submit to you and through you to the Board the following Report of the Preparatory Department of the State College for the year 1881-2. There have been enrolled 115 pupils, 99 Males and 16 females. Twelve classes have been taught during the entire year, five by myself viz; one in Higher Arithmetic (29 pupils), one in Intermediate Arithmetic (14 pupils), two in Elementary Algebra (47 pupils) and one in English Grammar (20); by Prof. Pence, two in Arithmetic for the 1st session, three during the last session (72), one in History from beginning of term to 1st of April (40 pupils), one in Algebra from 1st of April to close of Term (26 pupils) and one in Primary English Grammar during entire year (47 pupils) also two in Geography during 1st Session (37 pupils) one during last Session (36 pupils); ~~one~~ by Prof. Kellerman one in Arithmetic 1st Session; by Prof. White one in Algebra from Jan. to April; by Prof. Kirby one in History from 1st April to close of year. Considering the disadvantages we labored under prior to removal to our own Building, caused by the insufficiency of the accommodations, the Department has been in the main a success during the year and now that we have all necessary accommodations we

have every reason to expect even more satisfactory results in the coming year. Although a considerable number have accomplished almost nothing, a large majority of the number entered and who remained have done good work and a large amount of it. Young men and boys from a distance especially from the Mountain Counties, with few exceptions, have taken ~~no~~ a high rank in all their classes.

Our local patronage has been large and has furnished many of the brightest and most docile pupils in the Department and at the same time it has given us some of the worst with which we have had to deal. These latter, as is always the case, have been a great disadvantage to every class in which they have been placed.

I would recommend that all pupils who have been in this Department for one year and who have fallen below 60% both in class standing and examination standing, be refused admission the following year.

I would also advise that all applicants for Matriculation in this Department be required before enrollement to furnish a certificate from his last teacher or teachers of good character Studious Habits and thorough knowledge of the Oridiments up

to the Standards of admission into this Department

From our experience during the past year I do not think it advisable to admit girls to this Department. The results obtained in every case were most unsatisfactory. All those we had were from the City, and I am sure each one of them would have done as well if not better in the city Schools. I do not advise that girls should not enter in the Preparatory Department, but that they be qualified to enter one of the other Departments in one or more classes and take those classes in the Preparatory in which they are deficient. A large number of young women belonging to the Normal and Collegiate Departments have had one or more classes in the Preparatory Dep't. and in several classes stand at the head and all have made satisfactory progress.

Reports of standing will be transmitted as soon as the daily record and examination standing can be collated

Yours Respectfully
W.K. Patterson
Principal Prep. Dep't.

Regulation 16 requires service from some member of the Faculty which will require him to neglect his classes while he is on such duty.

Regulation 23 will, we believe, drive from this College annually many good students - Young men anxious to obtain an education but who are unwilling to give so much of their time and energy to military instruction and discipline.

In truth several have left us this week after hearing of these Regulations.

The enforcement of Regulation 42 will of necessity deplete our classes as Comparatively few young men, if any, who fail to attain the required degree of proficiency in only one or two classes will return to a school where they are forced to go over again two or more studies, on which they have passed satisfactory examinations, when they can go so easily to some other first-class institution and be occupied with new studies.

The reports required by Regulations 47 & 48 are unnecessary as there are no sections in our classes and the heads of departments are the professors themselves who hear the class recitations daily. The principal of the preparatory department and the Prof. of Ancient Languages only have assistants. The preparation of these reports will consume several hours of valuable time weekly for the professors. If each prof. will report any serious delinquency whenever it may occur all will thus be accomplished which these reports could.

The examination required by Regulation 51 is open to several objections.

1st It will require at least four (4) weeks, a large portion of which could be more profitably occupied in instruction.

2d As each class is to be examined by a Committee of not less than three (3) professors or instructors, of course the classes of two (2) of these teachers are not engaged. Each student then must lose from instruction at least two thirds (2/3) of these four or more weeks.

3d Only those students who remain to the close

of the session will be examined and the great difficulty which nearly all teachers have experienced in having a full attendance on final examinations will be greatly increased when we require, at the close of the session, an examination on the entire session's work.

4th Students who enter at the beginning of the second term can generally be profitably classified although they may have only a limited knowledge of the subjects passed over by their class-mates during the first term. Of course such a student can not pass an examination with his class over the entire session's work.

We must then violate this regulation or decline to admit these students to our classes.

The facilities furnished by the Board of Trustees for teaching practical mechanics and agriculture as required in Regulation 58 are altogether insufficient.

Regulation 59 requires drill daily at 4 P.M.

The drill has always been an objectionable feature of our College with a great majority of the students.

To place it so late in the day will doubtless make it more objectionable than formerly.

If all the students lived near the College and some were required to work on farms 4 P.M. would doubtless be a suitable hour, but our dormitory will accommodate now not more than one third of our students.

Parents living several miles in the Country will, we believe, not allow their sons to remain so late as 5 P.M. as this will require them to come home after dark.

No study-room as required by Regulation 148 has been provided by the Board of Trustees. More than half (½) of the students will therefore have finished their class duties and have gone away before 4 P.M. All of these students will be compelled to return for the special purpose of drilling, the effect of which will be to make the drill more objectionable to them than it has formerly been.

Many of those students who are compelled to sustain themselves, while at College, largely

by their earnings on the farm will not be able to labor more than two and a half (2½) hours per day, the Compensation for which will be too small to meet their necessities. The farming operations too will be greatly crippled or the expense of Conducting the farm will be increased.

Regulation 85 can not, in the opinion of our Commandant be carried out at all on Saturdays and Sundays, and will, on other days be very hard on Cadets as no provision has or, so far as we can see, can be made for quartering or feeding them during the hours of twenty-four (24) hours.

Regulation 87 will be very hard on such officers as do not live in the dormitory.

To require officers living in the County or in the City to be on duty at 6:30 A.M. and to remain till after 10 P.M. will, we belive, be almost impossible.

The class formations mentioned in Regulation 91 will be very objectionable during most of the year, as these formations must be made out of doors in all kinds of weather. The marching too of large classes, if well drilled, up and

and down stairways must injure the building.

Some of the hours mentioned in Regulation 98 may be changed with advantage. The Matron of the dormitory says it will be utterly impossible for her to have breakfast at 6:30 A.M. If dinner be placed at 1 P.M. and drill at 12 M. we believe matters would be improved.

Regulations 98 and 178 allow students in the dormitory only thirty minutes at a time for recreation, going into the city to make necessary purchases &c. Such restrictions on personal liberty will drive from the dormitory all except those who are compelled by their poverty to board there.

We think it is unwise and unjust to subject to such strict regulations those young men who in order to acquire an education are striving against the misfortunes of poverty while no such restrictions can in the nature of our situation be placed on those students who are fortunate enough financially to enable them to board in the city.

Regulations 162 and 168, requiring all who board in the dormitory to march to and from the parade ground for meals, will cause unnecessary exposure in bad weather.

Document
presented by
Prof White
Marked. A.

47-M-47

47-M-64

[June 6, 1883]

Agricultural and Mechanical College of Kentucky.

Department of Greek and Latin.

1 Preparatory Class in Latin.

Members.— Brown, H. Christian, K. Christian, Clark, Clay, Cram, Duncan, Eades, Hardin, Hifner, Hodges, W. Jones, Robinson, Stanhope, Talbott, Waldin.

Latin Studied.— Gildersleeve's Primer (twice reviewed), 25 Chapters of 1st Book of Caesar.

2d Preparatory Class in Latin.

Members.— Asher, Burrows, Cox, Dodds, Gross, G.D. Hieronymous, W.J. Hieronymous, H.B. Jones, Johnson, Kendall, Lane, Osborne, Stockdell, Watson, Williams.

Latin Studied.— one half of Gildersleeve's Primer (once reviewed).

3. Freshman Class in Latin.

Members.— Bartlett, Darling, Embank, Gillespie, Hanks, Phillips, R. Prewitt, W. Prewitt, Ramsey, Rawson, Riley, Robertson, Thornton, Schmidt.

Latin Studied— 6 Books of Caesar, 6 Books of Virgil (with a review of 2), a daily exercise in writing Latin, involving a study of Latin Syntax.

4. Sophomore Class in Latin.

Members.— Breckinridge, Hocing, Lambeth, Moore, Payne.

Latin Studied— 4 Books of Livy, 6 orations of Cicero, daily exercise in writing Latin.

5. Preparatory Class in Greek.

Members.— Duncan, Eades, Moore, W. Prewitt, R. Prewitt, Shackleford, Stackhouse

Greek Studied.— Goodwin's Grammar, White's Lessons, daily exercise in writing Greek.

6. Senior Class in Greek.

Member.— I. W. Taylor.

Greek Studied. Medea of Euripides. Daily Exercise in Syntax (seven months).

1 Preparatory Latin Class (I. W. Taylor's).

Members.— Cox, Gormand, Hoeing, Hays, Jackson, Kendall, King, Matlack, Morgan, Routt, Rumsey, Scott, Scott, Simpson, Walden, West.

Latin Studied.— Gildersleeve's Latin Primer, 2 Books of Caesar.

2 Preparatory Latin Class (I. W. Taylor's).

Members.— Bailey, Ballance, Burbridge, Fugate, Gordon, Lyon, Moore, Morgan, Parker, Patterson, Riley, Shackleford, Shaw, Shelby, Smith, Schermerhorn, Tarleton, Williams, Philips.

Latin Studied.— 3 Books of Caesar, 2½ Books of Virgil, 60 pages of Gildersleeve's Ex—

3. Freshman Class in Greek (I. W. Taylor's).

Members.— Jones, Lambuth, Payne, Smith, Tarlton.

Greek Studied.— 4 Books of Xenophon's Anabasis, 100 pages of Fernald's Selections from Herodotus, 25 exercises in Jones's Lessons in Greek.

Whole No. of students in Greek — 13.

Whole No. of students in Latin — 80.

I have no further report to make except to add that there has been in this Department more than the usual irregular attendance, about the same amount of hard work, with about the ordinary results.

I have no recommendation to make except to urge the reappointment of Mr. I. W. Taylor as assistant in this Department. He has proved himself a competent, a faithful, and, I believe, an acceptable teacher; and probably for the compensation offered no man could be found who would better discharge the duties of the position.

Respectfully submitted,

John H. Neville,

Professor of Greek and Latin.

47-M-64

The undersigned has the honor to report, that

62 Students entered his class in Experimental Physics, in the first term of the Session of 1882–3, of whom 45 remained until the end of the term.

In the class in Elementary Chemistry; during 2d. term,
61 students entered, and
45 " remained until the end of the course.

In Practical Chemistry, during the Session,

9 Students entered the Junior class of whom 7 completed the course

One student completed the course in Senior Practical Chemistry and one also in Agricultural Chemistry.

He respectfully requests that a sum of say one-hundred and fifty dollars be appropriated; to be expended under his supervision, viz the purchase of such apparatus, viz, Balance, weights of precision, platinum implements, &c, as are necessary to the equipment of the Laboratory for the study of Senior Practical Chemistry.

Other apparatus are desirable in the demonstrations of Physics and Chemistry, but he refrains from making a definite request for the same at present.

State Agl. & Mech. Col.
Lexington Ky. June 5th/63

Robt Peter
(Prof. Chem. & Physics)

GEN. JAS. H. LANE,
Commandant.

Alabama Agricultural & Mechanical College,

Auburn, Ala. June 1st 1882.

Dear Sir:

Please be kind enough to send me a copy of your last catalogue, & answer the following:

1. Is your discipline military or not?
2. Is your drill obligatory or not?
3. Give the number & length of drills per week.
4. What class-room instruction have you in "Military Tactics"
5. Do you approve of the military feature in Agl. & Mechl. Colleges?
6. Do you approve of barracks for the class of students entering such Colleges?
7. Is your Corps a part of your State militia, & are your cadet officers commissioned by your Governor?
8. Are you an advocate of gymnasium & base-ball clubs in Agl. Colleges?

Any other information will also be thankfully received by

Yours respectfully,
James H. Lane.
Comdt.

Report upon the Agricultural and Mechanical College for the Annual Examination in May and June, 1883.

Lexington, Ky. June 6. 1883.

To the Board of Trustees:

Having been designated at ~~the last~~ a meeting of the Board a year ago as one of the members to attend the examination at the close of the present term of the College, it is proper that I should make some report of the result of my observations in the discharge of that duty. I beg leave, therefore, to submit the following.

I regret that I have been the only one present, of those appointed ~~by the Board~~ to attend the examination, and that the information herein submitted will, therefore, fall far short of what the Board would otherwise have desired. I reached Lexington on the evening of the 20th of May, and since then have endeavored to see as much of the operation of the College as the opportunity allowed. The examination of the ~~Classes~~ had, however, been in progress for some two weeks, and in the higher classes had been pretty well completed. The classes and sections that came under my observation were as follows:

1. Two sections of the Freshmen Class in

Algebra and plane Geometry, under Prof. White. The examination was made by questions and answers, and by demonstration at the blackboard.

2. A section in the primary class in Arithmetic, under Mr. Reed. The recitation which I was present was entirely oral, and upon definitions, rules and tables.

3. A section in the primary class in Algebra, under Mr. Rathbun. The examination in this case, also, was entirely on definitions and principles, and seemed to indicate that many of the pupils had been put into Algebra before they were sufficiently advanced in Arithmetic.

4. Two sections in elementary physics, under Prof. Reter. The recitation in these sections was in many cases quite unsatisfactory. The deportment of the students was in many cases equally so. There was much loud whispering, and laughing and inattention, both among the young men, and between some of the young men and some of the young girls.

5. Two sections in Greek, under a tutor and professor Neville. The recitation was by reading and translating Greek, by translating English into Greek on the blackboard, and by

writing ~~the~~ Greek verbs on the blackboard. The examination was very careful, and the recitations showed that the instruction had been very efficient.

6. A Section in French under Prof. Helbeti. The examination was conducted by reading and orally translating French, and by various written questions, and ~~in French~~ answers in Syntax and prosody. Here, too, the recitations generally gave evidence of careful and ~~efficient~~ thorough instruction.

7. A Section of the primary Class in English Grammar ~~and Composition~~ under Prof. Shackleton. It was conducted by parsing selected ~~passages~~ sentences from a text book, and by many practical questions and illustrations, interesting and instructive to the pupils.

General observations.

The examinations were all made by committees from the faculty, in the manner prescribed in the regulations; the president dividing his attention among the whole. In all cases the professors and teachers, ~~appeared to be~~ showed themselves to the competent and zealous in the matter of instruction. And though their labors are increased at this period of the session by the General examination conducted this year

4 for the first time, I do not doubt that they will be more than compensated by the beneficial effect upon the college. I noticed several cases in which students were absent from the examination, apparently for the purpose of evading it. I take it for granted that such students will under no circumstances be permitted to continue as though they had passed the examination. ~~In some~~ If similar neglect is practiced by the students in regard to the daily recitations, it ought to be promptly corrected. In some cases there was to be seen a carelessness and slouchiness of department amounting almost to gross impropriety while ~~being~~ under examination — such among other scarcely describable examples, as the students ~~as~~ leaving the board and going to his seat without any explanation when he could not put his problem on the board, or going to his seat and remaining there while being questioned on the work ~~that~~ he had put on the board. Such faults were mostly confined to pupils who did not understand their subject. Of course they ought to be judiciously corrected. In some instances ~~cases~~ a good deal of noise and distraction were caused by students passing in and out during the examination, and by loud knocking and talking at the door. In some cases these students were no doubt visitors, but if they were

they mingled in with the students that were being examined, instead of taking their seats apart as attentive spectators. It was observed also, that the pupils frequently requested the instructor to examine them out of their turn, ~~expressed a desire to be the next examined~~, in order that they might leave the room. If other duties cause such a request they ought to be so regulated as not to conflict, and if the request is merely for the convenience, ~~surely~~, of the pupil, it ought not to be granted.

A marked difference was noticed in the manner in which the professors and teachers addressed the students. One, for example, would say Miss Lizzie, or Miss Susie to the girl, and Jones or Smith to the boy. Another would say, Miss Jones or Miss Smith, and Mr. Jones or Mr. Smith. It is unnecessary to point out the marked propriety of the latter method. Many of these points appear extremely trivial in a formal report, and I should not mention them here if I did not believe that in this way they will attract the attention of President Patterson, who better than any one else will understand how to correct them. They are by no means unimportant. I have heard

~~I have heard from different persons, and especially from Prof. Patterson that the Cadet Officers put in charge of the study~~

6 that in the of Prof. Crandall ~~of the case in which~~ the regulation requiring that a professor shall pursue no occupation that will conflict with his duty to the College, is not enforced; and that he sometimes delegates his duties to another person of his own choosing. Professor Crandall is recognized as possessing some peculiarly useful qualifications, but their value to the College must depend on his personal attention to the duties of his office.

I have heard from various quarters, and especially from Resident Rutherson, that the Cadet officers put in charge of the study rooms

7th rooms for the students when not at recitation or other duty, fail to preserve silence, or report disorderly conduct to the proper authority; and, therefore, those who want study are hindered by the noise and confusion caused by those who do not wish to study. An effectual remedy for this evil is to be found in the employment of a suitable person, one capable of taking the post of a teacher in the primary branches, at least, to preside in the study room and preserve strict order, as is done in many other well regulated schools. I recommend that that be done, and, also, that the study rooms be furnished with seats and desks. This should be done even though the means of the college may be limited. While on this point I may state that I have had occasion to notice at all times in the day, a large number of students walking about the streets and lounging about the hotel entrances and other public places; and I am informed that it is usual at all times during the academic year. It appears, therefore, that the regulation requiring that the students shall observe certain study hours is not enforced. This is certainly a matter that closely affects the character of the college, and the welfare of the students.

I sometime suggest to the Board and the College Authorities, the importance of procuring some means by which the College shall acquire the distinctive character to which it aspires above the other Colleges of the state. I know nothing about the methods, or the qualification for instruction in the other Colleges, but there is no essential reason why they should all be inferior in, that respects. If they are really deficient, it must be in the matter of government, in which they are all substantially alike - their habitual failure to bring their students up to an effective standard of application. It will be well for this institution to avoid their deficiency in that respect. I do not think that it has yet done so, though I believe that it has made some progress in the past year. If it does not overcome it and establish a superiority, it will lose first the state tax, and finally the Congressional endowment.

The application of the military feature in the College is closely connected with this question. Although something has been done in the past year to give it effect, I fear the Authorities do not think highly of it as a means of promoting a wholesome subordination, and a profitable employment of time;

9

or else they think that the enforcement of it cannot be conveniently accomplished. The difficulty is undoubtedly great, owing to the various conditions affecting the materials of which the College Mill is made up, the want of efficient officers, and especially to the ~~[illegible]~~ absence, apparently unavoidable heretofore, of the Commandant from the college grounds, where he is habitually required. The first two obstacles will be overcome by determined and judicious effort, and the last can be obviated by repairing and fitting up for the use of the Commandant the old frame building which stands near the Resident's house. For $300. or $400. it can be made an extremely comfortable and convenient dwelling for a small family, and a great improvement to the appearance the grounds. I recommend that that be done immediately, so that the new Commandant may go into it as soon as he arrives.

But apart from the difficulties which seem interfered with the enforcement of the military feature, there is a confessed apprehension that it will be unpopular, and especially

~~[illegible]~~ that it will drive away some of the local patronage. I think it a mistake to suppose that an institution which puts its pupils under the wholesome influence of an impartial and strict accountability cannot be sustained in Kentucky; and if some of the local patronage should be lost, it is not certain that that would be a great disadvantage; for the large proportion ~~marked predominance~~ of that element, is now taken advantage of in many quarters to sustain a charge that the State is supporting a ~~[illegible]~~ College chiefly for the benefit of Lexington and its vicinity. That prejudice will be augmented when it becomes generally known that the government of the College is being shaped without regard to its interest, and with reference to the convenience ~~of pleasure~~ of the students who belong to the neighborhood in which it is located, as in the following example: In ~~[illegible]~~ the regulations adopted last June, the hour for drill was fixed at ~~[illegible]~~ 4 o'clock, when all the academic duties for the day were over, and the weariness ~~[illegible]~~ of which would ~~[illegible]~~ give the student a zest for the military exercise before passing to the hour appointed for actual recreation, and ~~[illegible]~~ the after supper studies. This beyond all question ~~[illegible]~~ is the arrangement best suited to the

11 circumstances of the dormitory students, who constitute the largest distinction class, and who, also, for the greater sacrifice of personal convenience that they make to obtain the benefits of the college, are entitled to greater consideration. But in order to accommodate the city and neighborhood students, the hour was changed to 12 O'clock, whereby the academic routine was thrown into inconvenience and confusion.

The uniform has I learn been much more extensively adopted during the past year than formerly, but still the exceptions are so numerous that it can hardly be said to be generally worn. The reason thought to exist for the relaxation of the regulation, was that many of the poor students were not able to purchase the dress; but to judge from the appearance of those who do not use it, they would seem to be the ones who could best afford to buy it. If that is the case, the uniform must become the badge of a humiliating distinction. It is much to be desired that the use of the uniform shall be rigidly enforced. It is an inexpensive and becoming dress, and can be used away from the college as well as in it. In various other respects the regulations, under the express or implied authority granted to the President at the recalled meetings, have been materially changed.

Arms and accoutrements.

The military feature of the College labors under great disadvantage for the want of equipment. Application has been made to the War Department at Washington for arms and accoutrements, but the Ordnance Department requires personal security which the College has not been able to obtain, the amount being $1,000. There are now on hand about 135 rifles that could answer for the present, but there are no bayonets, swords, or accoutrements with them. These can no doubt be obtained from the Ordnance Department upon conditions which the College can comply with. I advise that a temporary outfit be made up in that way, in time for the next session.

Drill

I returned but one drill, and that about to elevate at marching without arms. The improvement in that matter has been satisfactory but much greater than any opportunity for observation would indicate; but still there is much to be desired in that direction, and I am convinced that the Cadets will show great progress, the tactical instruction in the section room, has been confined to the Cadet officers and non-commissioned officers.

18

Agriculture and Mechanics.

The practical instruction in Agriculture and Mechanics, must I suppose be admitted to be merely nominal. In Mechanics Prof. Cornwall had but six pupils last year, but the evidence of their efficient instruction was found ~~manifest~~ in the samples of their work. I have nothing to suggest with reference to these departments. They must unavoidably perform an ~~very~~ insignificant part in the operations of the College unless their requirements can be made compulsory, and that evidently is not practicable under the plan on which the College has been organized in other respects.

Buildings, Cadets houses &c.

The stairways in the ~~Colle~~ Academic building, in consequence of faulty construction and insufficient stiffness for the span, has already yielded ~~very~~ perceptibly, and will soon become dangerous, if it is not now so. It should by all means be strengthened before the beginning of the next session. The remedy will consist in the use of a set of stirrup straps or brackets of cast iron, bolted to the joist, for the lower end of each horse, ~~for each horse~~ ~~at the foot of each flight~~ after the basement floor to rest in; and two 2 inch iron rods, in sections, to each flight, to which the outer horse piece shall be bolted, and extending in sections, with flat joints at each horse, from the basement floor to the roof joists. In other respects the building is in good repair, and serves very well the purpose for which it was intended.

The dormitory is in good ~~order~~ condition, the rooms are kept in ~~quite~~ good order, and the students ~~[illegible]~~ are quite comfortable in them. ~~[illegible]~~

It is very much to be desired that the College should provide them with single iron bedsteads, a table, washstand, and shelves for clothing and books,

15 They would add greatly to the ~~comfort~~ cleanliness of the rooms, and the comfort and economy of the inmates. The mess room, ~~[illegible]~~ furniture &c. presents a comfortable, and respectable appearance.

There is great necessity for more convenient and otherwise suitable accommodation in the way of privies for the students. It is difficult to suggest any very great improvement in that respect, that will not be attended with considerable cost.

~~When~~ As soon as the financial condition of the college will permit, capacious cisterns should be built to receive water from the roofs of the academic building and dormitory. Provision ought also to be made for quartering the man, or engineer in charge of the heating apparatus on the ground. Considerable inconvenience and discomfort sometimes result from his absence.

~~Still~~

I rise with extreme reluctance to a question which occupied the attention of the Board at its last session, and on both sides of which there is considerable earnestness of opinion; but I feel it my duty to say that in the attempt to combine the education and control of the two sexes, the college has assumed a very great responsibility. Admitting the general expediency of such a system, the college lacks in many respects the conveniences necessary to make it successful in this case. My former opinions have been sustained by my observations during the present examination. I am in favor of an abandonment of the system, except so far as the Charter of the College makes it obligatory. But if it is still the decision of the Board that it shall be continued, I advise ~~strictly~~ that more rigid restraints be thrown around the intercourse of the two sexes.

17

I think
~~It appears to me~~, that it is to the interest of the College that greater publicity should be given to its operation and management. Sharp criticism would be better than the blind hostility against which the friends of the College can make no intelligent defence. At present it is known to the public mainly as an institution that is supported by a public tax, as they say, for the benefit of Legislators, and they have no means of judging of its real merits. It seems to me, therefore, ~~that~~ to be desirable that the Trustees should make annual reports of the operation and wants of this respective departments, the President make a similar report with reference to the whole subject, the Committee on Examinations inspect carefully and report the result of their observations to the Board of Visitors; and that all this matter be brought to the notice of the Legislature, with a detailed financial and administrative report of the action of the Executive Committee and the Board.

18

At our meeting yesterday it was suggested that it might be well to publish the report which I was expected to make, ~~my report~~, but upon consideration it will be perceived that its ~~chief~~ object is not so much to praise what is deserving of praise, ~~but~~ as for our own information to point out what seem to me ~~to be~~ desirable improvements, whereby still better results may be achieved and more praise deserved, both for the College and its Faculty. It must in no wise be set down to a spirit of harsh criticism; and I must be permitted to say with regard to Resident Patterson, that the value of his services is recognized by all persons, and that there has been no exception to the opinion I have heard expressed, that he has zealously and without favor or affection endeavored to carry out the regulations of the College according to the authority delegated to him.

Very respectfully,
Your Obt Servt,
D. C. Buell

[June, 1883]

Gentlemen of the Board of Trustees of the
State College of Kentucky

It is with pleasure that I again present to your honorable body a brief statement of what has been done in the Institution under your care, during the Collegiate year about to close.

The number of Matriculates enrolled during the Collegiate year is 310. Though falling short of the Matriculation list of ~~last year~~ 1881-2, the decrease is but slight and I think can with a little effort be recovered and surpassed next year.

The average attendance has been better than that of any former year in the history of the College.

The Matriculation of 1877-8 was 78

" " " 1878-9 118

" " " 1879-80 137

" " " 1880-81 234

" " " 1881-2 321

" " " 1882-3 310

The slight decrease of ~~last~~ the present year has been due to exceptional causes the maximum result of which we have I think already reached and which will ~~I think~~ be operative to a less degree in the future.

Instruction has been provided for the classes which make up the Departments of Civil History, English Literature, Political Economy, Metaphysics & Moral Philosophy, Latin, Greek, French and German, Mathematics, Physics & Astronomy, Chemistry - Elementary & Practical, Natural History, including Botany Comparative Anatomy, Zoology, Physiology Geology, Drawing Practical Mechanics, Theory & Practice of Teaching Military Tactics.

In consequence of the resignation of Prof. Tillinghast who had charge of the Department of Theoretical & Practical Agriculture ~~with~~ and the inability of the Ex. Com. to supply his place till recently nothing of moment has been accomplished in that Dept. this year, except what has been done in the Coordinate Departments of Chemistry and Natural History to teach

certain subjects closely related to Agriculture, such as Botany & Chemistry. I am happy to say that the E. Com. have at length secured the services of a young man who has the highest testimonials from Harvard and King's College London and who will enter on the discharge of the duties of that Dep't. with the beginning of the Fall Term. But this Honorable Board is aware that very little of permanent value can be projected and carried out on ground which the College does not own, which it holds on a short lease terminable under certain conditions at short notice by the lessor. There can be no inducement to improve land on which we are mere tenants at will. If this College is to be Agricultural in any thing but in name the ownership of a farm however small is indispensable. I suggest that the Board of Trustees appoint a Committee to memorialize the next Legislature on this subject and to take such steps as in their judgment may seem best to procure from the State

an appropriation for the purchase of a farm, the
erection of suitable buildings thereon for Agricultural
operations and such other aparatus as will make
the instruction of the class room effective.
We are still without the services of a practical
Mechanic to take charge of the Mechanical
Dept. Professor Crandall has given it such
time as he could spare from his own proper
duties, but provision for the proper conduct of this
department under a competent mechanician who
could give his whole time to it is indispensible
to its success.
For what has been done during the year in the
several Departments of study I beg to refer to the Reports
herewith submitted and made part of this general
Report. I desire however to call special attention to
the report of Professor Kirby respecting the practical
working of the Department under his charge

I have endeavored loyally to carry out the Regulations adopted by the Board of Trustees at their called meeting June 30 1882, and I think not without a fair measure of success. Candor requires that me to say that in some important particulars the results have been more satisfactory than I apprehended. I would neither recommend nor suggest any material modifications ~~at~~ until we have had further experience. The crisis I hope due to loss of students from compulsory military drill and the practical incident to a new system reached its maximum at the beginning of last year. This much I may say however that the present code of Regulations in their application to Barracks discipline and study room discipline in the College cannot be carried out with any measure of success unless the Commandant is quartered on the College grounds, where he can have the students in the College Building and in the Barracks under his immediate supervision all the time. Regulations which cannot be enforced

and restraints which are only nominal only invite the infraction of such Regulations as can be enforced. If the Militia system be good the more thoroughly and effectively it is carried out the better. There is a matter in this connection to which I wish to call the attention of the Board. Our arms and equipments are old and defective. We have made repeated efforts to procure new arms from the War Dept., but these can be gotten only on one condition viz: Personal surety on the bond of the college for double the value of the arms and equipments issued. I suggest the appointment of a Committee to whom this matter may be referred.

Either the Commercial Dept. should be abolished or it should be placed on a respectable and creditable footing.

Donations have been secured from the General Government including four boxes of standard weights and measures, and the first instalment of an Archaeological and Natural History Collection for

whose proper care shelves and cases should be provided.

The college is still without even the nucleus of a library. Provision should be made at least for a beginning and I suggest that a certain percentage of the annual income from the State and from tuition fees should be set apart for this purpose. When visitors who are attracted ~~and pleased~~ by the magnitude of the Building and impressed by the College Chapel inquire for the Library it is not a little mortifying to deny that the Library does not exist.

When the Board last met a suit had been entered in the Louisville Chancery Court to test the Constitutionality of the tax for the benefit of the College. We feared the issue not from any distrust in the justice of our cause but from conditions which the members of your honorable body can appreciate. All the resources of Clerical opposition could then be brought into play. We thought it best to make an alternative case

through the aid of persons friendly disposed, in Eastern Ky. For a time we thought we should fail, because of the difficulty of finding any ~~one~~ respectable tax payer in Judge Brown's district who was willing to place himself on record against the tax. At last a test case was made in Magoffin Co. and on the 12th of October a favorable decision was obtained. The case in the Louisville Chancery Court was argued and submitted about the end of October. About a month later the Chancellor somewhat to our surprise, also rendered a decision affirming the Constitutionality of the tax. Both cases were appealed and argued in the Court of Appeals on the 7th 8th and 9th of May last. No decision has yet been rendered. We are very hopeful however of a favorable result.

By direction of the Board at its last regular meeting suit has been entered against A. G. Brawner who contracted for the Brick work on the College Buildings and subsequently abandoned it. His surety is good and Judge Duvall who with Hon

Ira Indian has been employed as counsel is very sanguine that the College will recover. They are employed principally on contingent fee.

Should we recover from Boardmen County it will materially diminish the indebtedness of the College.

Of the indebtedness as existing at this time last year the following has been paid.

Wilgus G. D.	Brick work	$282.40
A. H. Andrews & Co.	Furniture	1229.50
Barton & Gilbert	Gas Apparatus	713.44
Miller & Gough	Mantles	183.00
Rent of farm		794.38
Rent of woodlands.		443.10

Of the salaries due Professors at this Time last year amounting to $16.700 about $7000 have been paid. The Board directed that Notes be given to them for the amounts due. The principal of these notes still unpaid amounts to about $9.800. The aggregate indebtedness is about as follows.

Indebtedness

Bush & Son,	notes issued,	3,400
Haushee	" "	1.300
Dawson & Williams	" "	1600
McDonald & Bro	" "	375-
Witt & Brown	about	300
Due to Faculty on salary of 1881-2, about		10.000
Note due I.K. Patterson		4,350
~~Due Persons on~~ Total		$ 21.325-

This does not include the half years salary on the session of 1882-3 which amounts to about $6,500 exclusive of the payments made to tutors,

To meet this there are the semi-annual income from the Congressional Scrip fund $4,950

The amount on hand 4,206.

And perhaps $5,000 from the ~~Govt~~ Auditor on the tax of the last fiscal year.

The Faculty of the College recommend that authority be given by your Honorable body to confer upon W.B. Venig the degree of B.S. and upon J. W. Taylor the degree of B.A.

With thankfulness for the measure of success attained in the past and with hope and confidence in the future.

I am

Your Obt. Servant

James K. Patterson

May 18 [1884-86]

Examinations in Normal Department

Elementary Algebra. May 19, 9 A.M.
Prof. Crandall, Col. Phelps, J. R. Potter

School Economy and Map drawing. May 24, 9 A.M.
Prof. Kirby, Col. Phelps, J. R. Potter

English Grammar. (Prof. Kirby's Class). May 25, 9 A.M.
Prof. White, Prof. W. K. Patterson, J. R. Potter, Prof. Kirby

English Grammar. (Prof. Potter's Class) May 27, 9 A.M.
Prof. Kirby, Prof. White, J. R. Potter

United States History. May 28, 9 A.M.
Col. Phelps, J. R. Potter, Prof. Kirby

Latin Grammar and Caesar. May 28, 2 P.M.
Prof. Kirby, Prof. Lambuth, J. R. Potter

Arithmetic. May 31, 9 A.M.

Lexington Ky June 2nd 1884

Dr James K. Patterson, President of the Ky State College.

Dear Sir:

I submit the following report of the School of English Literature for the year 1883-84.

I have taught four daily classes, viz; Freshman, Sophomore, Junior, and Senior.

The number of pupils in the Freshman Class was about twelve; in the Sophomore Class thirty; in the Junior Class seventeen; in the Senior Class eight.

The medal in my school was awarded to Miss Leonora Hocing

of Lexington Ky.

I desire to express my acknowledgment of your courteous treatment, and of your faithful co-operation with me in the labors of my chair.

Yours

John Stachlefford,

Prof. of English Literature

Jas. K. Patterson,
President of the Agricultural & Mechanical College of Kentucky.

The following is a summary of the attendance and work in Departments under my supervision, during the past year.

DEPARTMENT OF NATURAL HISTORY.

Number and standing of students as follows.

Classes,	Number,	At An. Ex.	Av. standing,	Lowest	Highest
Phys. Geog.	15	11	.84	.68	.97
Anat. & Phys.	18	14	.90	.70	.99
Zoology,	9	9	.90	.84	.96
Geology,	5	5	.95	.94	.97
Paleontology,	1	1	100	100	100

The two lower classes were reduced in number by students leaving before the close of the year. Three failed to pass final examination. Ladies have taken highest rank in Phys. Geog.-next highest in Anat. and Physiology;-and average rank in Zoology and Geology.

DEPARTMENT OF APPLIED MECHANICS.

Number and standing of students.

Classes	No. enrolled,	Hrs per week	Dropped	Av. standg
Shop-work first Yr.	9	4	4	.87
Prep. Drawing,	5	3	2	.83
Mech. Drawing,	4	5	0	.98
Adv. Drawing,	1	5	0	100

Shop-work and preparatory Drawing under the immediate instruction of Mr. Thornbury: with general supervision by myself. Other classes under my own direction.

For my own department I cannot do less than ask an appropriation to purchase a Manikin and a Skeleton; without which appliances Anatomy and Physiology cannot be properly taught. The cost will be about $500.00.

Also, in view of the fact that my relation to the State Geological Survey makes it necessary, occasionally, to be absent from the College, I again second the request of Dr. Peter; for the reinstatement of A. M. Peter, in his former position of Assistant in Chemistry and in Natural History.--Salary to be paid for the present by Dr. Peter and myself.

For the Mechanical Department, it is very needful that Mr. King should be recalled to superintend the Shop-work; or that some competent person should be found for that work. I understand that Mr. King is now at liberty to return.

Respectfully Submitted;

A. R. Crandall.

Lexington Ky, June 2nd, 84

47-M-64

A & M. College Lexington Ky. June 3. 1884

President James K. Patterson,

Dear Sir:

I desire to make to you and through you to the Board of Trustees the following report of the Preparatory Department under my direction and management during the past Collegiate year.

One hundred and Six pupils, ninety five Males and eleven females, were enrolled and received daily instruction in one or more of the following branches, English Grammar, Elementary Algebra, Higher Algebra, Arithmetic, Geography and History.

The Grammar, Arithmetic, Elementary and Higher Algebra classes were divided into two Sections each, making eight Sections or classes, the first Sections being taught by myself, the Second by Prof. Pence. The Elementary Algebra was not sectioned till the beginning of the Second Session and Prof. Pence taught a class in ~~H~~ Higher Arithmetic for the Normal Department during the first Session, in return for which Prof. Kirby taught the Geography for the Preparatory Department. The Geography class was taught the Second Session by Mr. Barton and History by Prof. Kirby during the entire year. The average daily attendance has been good, and the acquirements in scholarship as shown by the class average and examinations of a large majority of

the pupils is very Satisfactory, although in all of our classes there was more or less worthless material as was shown by their weekly reports. These come mainly from the City, and some of them have been with us for two and some for even three years and have done almost nothing. The State appointees, especially those from the Mountain Counties, have made, with few exceptions, good and in some instances remarkably fine progress.

Except in the case of State appointees I would suggest the advisability of making a higher standard of qualification rather than age the condition of admission to this department and to place Males and females on the same level in this respect. I would require a thorough knowledge of Arithmetic as far as Percentage and of English Grammar as far as Syntax. I would also advise that Students be not employed to teach Preparatory classes. Our experience in this respect has not been satisfactory.

Unless some better plan can be devised and carried out in regard to the Study-room all Preparatory Students, except those rooming in the Dormitory should be required to Sit either in my room or that of Prof. Pruce, when not engaged in recitation. Although my duties have been such that I could seldom visit the rooms of those assisting, I am satisfied that they performed their duties faithfully and efficiently.

Respectfully Submitted to Your Consideration

Your Obedient Servant W. K. Patterson

A. & M. College of Ky June 3d 1884.

Pres. Jas. K. Patterson:

Of the four classes under my instruction during the session now about to close the Sophomore has made the best record. The excellence of this class is, I am satisfied, due largely to the use of Kentworth's Geometry. The Ex. Committee gave permission, last Summer, to use on trial H's alg. & geometry. The trial has resulted so favorably that I now ask through you that the board of trustees will authorize the use of these books permanently. The reports of all of my classes will show that most of my students have worked well and that my labors have not been useless.

Respectfully Your
Jas. E. White
Prof. Mathematics.

47-M-64

Pres. Jas. K. Patterson.

State Col. June 3d/84

The undersigned, Professor of Experimental Physics and Elementary and applied Chemistry, respectfully Reports; —

— During the first term of the Session of 1883-4,

53 Students entered the class in Experimental Physics; of whom 45 remained to the end of the term and 11 did not pass examination.

In the second term

47 Students began Elementary Chemistry

32 remained to the end of the term.

& 5 did not pass examination.

In Practical Chemistry, &c.

(Qualitative & Quantitative Analysis &)

First term 11 entered & 6 dropped out before the end.

Second term 8 entered & one dropped out. Those

who continued all attained a very good standing. Joseph H. Kastle was the Medal Student and R. J. Ramsay a close competitor for the honor. The studies of Practical Chemistry, Mineralogy, and some other branches of Natural Science are mostly elective or optional in this College; because most of the time of the regular student is taken up by other, obligatory studies; the hours which can be given to these first named, or optional, Studies must vary to suit the other demands on the time of Students and to prevent conflict with the obligatory studies; and, as the Practical classes require more special personal attention of the teacher and much time must also be given to preparation of materials, &c, for the lessons of the classes, &c, I respectfully request that my Son, Alfred M. Peter, who has been assisting me for several years, be restored by the Board of Trustees, to his former official

position of Assistant Professor of Chemistry and Natural History.

As he was dropped from that position, — in which he gave great satisfaction, — because of the then condition of the finances of the College, Professor Crandall and myself will furnish his salary for the present if desired.

I would also respectfully represent to the Board of Trustees, that in the session just ended the co-working the Chemical and Agricultural Departments were not so well adjusted as to prevent some friction and interference, which should by all means be avoided.

In the original purchase of the Apparatus &c for the College, the condition of the funds made it necessary that much economy should be studied, and hence the present writer confined the expenditure mainly to such materials as were necessary

for the experimental Course in Physics,
and did not purchase much for the
practical
Chemical instruction.

This was possible without injury to the Experimental courses in Elemental and Practical, or Applied Chemistry, because the Chemical Laboratory of the State Geological Survey has been, (since the commencement of the Survey in 1854), located, by mutual consent, first in Kentucky University and latterly in the Agric.l & Mechan.l College; — and the Apparatus and reagents supplied by the State to the Geological Survey Laboratory, supplemented by what was purchased by the College and by many articles of private property of my own, used by me during the many years I have devoted to this branch of science, — all could freely be used by me, as State Chemist, in the instruction of my classes in the

State A & M. College.

For the apparatus, &c. of the Geological Survey I am, of course, personally responsible, but the Director of the Survey thinks this use of them by me only a fair equivalent for the space occupied in the College; and I and my assistant carry on the Survey analyses so as not to interfere with the College instruction, and, in some cases, to make them supplementary to that.

During the past session, however, the present Professor of Agriculture &c, &c, (contrary to the practice of his predecessor), asked or claimed the right to use the Laboratory, Apparatus and Reagents of the Practical Chemistry Department and of the Geological Survey, for his special class instruction and private investigations. Under conditions this was allowed by me during the session,

but it was found to be attended with serious inconvenience and some injury.

Our Lecture rooms being separate, apparatus and materials wanted in one room might be in use or locked up in the other, or ~~be use~~ articles used by one might be left in a condition requiring time and trouble, by the other, to clean it up or replace it, &c. &c.

Any one who successfully carries on a course of experimental lectures or instruction in Chemistry knows it is of vital importance that the numerous articles used by him should be kept each in its place, according to a system of strict order and arrangement peculiar to himself. Another person, not understanding or complying with this personal arrangement may cause great confusion and loss of time and do far interfere with the plan of instruction.

Hence, in every good Institution for instruction of the kind, each Professor is made independent in his own sphere of instruction, and only in exceptional cases is there a community in the use of instruments and ~~of~~ materi-
-als.

As the Professor of Agriculture &c, is not required to teach Elementary or Analytical Chemistry, or Mineralogy, and as the elements of Organic Chem-
-istry are taught and illustrated ex-
-perimentally by the Professor of Elementary and applied Chemistry, the separate apparatus and substances required for the Professor of Agriculture &c, would not be expensive, and the writer therefore, and for reasons above stated respectfully recommends and requests the Board of Trustees to ~~make~~ appropriate a small sum,

not exceeding $300, for the present, to fit up in the lecture room of the Professor of Agriculture such arrangements and provide such materials as may make him independent in his own room and his own instruction.

This would not only be an economical measure, but would prevent friction and interference in the courses of instruction in the departments in question.

47-M-64

Chemical Dept.
Dr. Peters
Report

Ky. State College, Lexington.
June 3. 1884.

Pres. Jas. K. Patterson -

Dear Sir:

The following is my Report of the classes in Book-keeping taught by me during the past year.

First Class

	Class.	Exam.	Aver.
Kearney P H	11.54	12	11.77
Woods R M	11.22	11.5	11.36
Beatty W D	10.78	11.25	11.01
Rubbathen J E	12.67		
Drake A F			
Pursley S W			
Simmons R S			

This class was organized at the beginning of the first term and received instruction during the entire year, reciting, however, but twice a week during the greater part of the second term. Mr. Drake was excused from the class in March on account of irregular attendance. He quit college shortly after. Mr. Pursley quit college in December. Mr. Simmons was a member of the class during the first term only. Mr. Rubbathen was not present when the class was examined. The class completed Bryant & Stratton's Counting-House Book-keeping with the exception of Banking. This set could have been completed, if the class had recited daily during the second term.

Second Class.

	Class.	Exam.	Aver.
Bartlett F V			
Heyser E S			
Robinson S M			
Miss Jones L A			
" Schmidt M E	13.19		13.19

This class was organized at the beginning of the second term and recited three times a week, alternating with the first class. Practically this class accomplished nothing. Mr. Bartlett had too much work and was excused from the class. Mr. Heyser and Miss Jones both quit college in April. Mr. Robinson was also excused, not being able to attend on account of the unsuitableness of the hour for recitation. Miss Schmidt received instruction during the whole term, going as far as chapter VIII.

It is hardly necessary, Mr. President, for me to say any thing about the present condition of this department of instruction. This you already know. If it is desirable, I think better and more satisfactory and practical results can be obtained by giving the department more prominence, or at least by attaching more importance to commercial instruction. If this is not done, it seems, judging from the past, this branch of instruction might be entirely discarded. Respectfully submitted,

M. L. Bruce.

Book-keeping.

Prof. Prince

42-M-64

Report of the Dept of Agriculture to the Board of Trustees Ky State College

June 1894.

Gentlemen,

I have the honor to inform you that the Dept of Agriculture has had upwards of 80 students this year, a result which is extremely gratifying to me & shows the interest taken by the students in that Dept.

number of students

Instruction has been given in Elementary Natural Science as applied to agriculture; in Agricultural & Organic Chemistry & lastly in Veterinary Science a subject of all absorbing interest to every agriculturist. With regard to practical instruction I would respectfully state that our facilities are extremely limited. We must have a farm where we could illustrate all we teach in the class room, under the present system it is true we have a farm but it is rented, the rent is high & we do not care, since we hold it on an uncertain tenure to begin a series of operations that would have to be carried on in the same place for a succession of years in order that the comparative results would be solid facts.

Instruction

need for a farm

At our Veterinary Dept all the appliances we have is the skeleton of a horse of course that is a great deal better than nothing, but I would respectfully ask for the means to build a few isolated stables where we could have diseased animals brought thereby giving the student the opportunity of putting

Vet Dept

his knowledge into practice.
We are at present raising on the farm, winter
Crops barley, winter wheat & corn.
That part of the farm on the left hand side of the
branch near the water is not good, the drain is not
deep enough & as a natural sequence it overflows with
the result that the ground is washed. I do not think
Drains that it would be advisable for us to ~~at least the~~ go to the expense
of having the drain widened & deepened. I am glad to
say we have a prospect of fine crops everything
looking very well.
We have received a donation of a Racine broadcast
Sower, a new implement recently invented by the
New Implement Iowa Seeder Co. On preliminary examination it seems
to be a very useful invention, it is intended to supplant
the ordinary grain drill. We intend to institute a
series of comparative experiments with it.
I have received six of the most celebrated varieties
of corn from the East & South all of which I am
Farm Experiments at present growing in the hopes of obtaining either
a pure or hybrid seed that shall be better than
what we at present grow in this vicinity. One
variety that was sent me by the Commissioner of
Agriculture Penn is remarkably fine & far
surpasses anything I ever saw before. I should
like very much to institute a series of experiments
with corn that would be parallel with the
celebrated Rothamsted wheat experiments of Lawes

& Gilbert. This would be a very large undertaking & I should like to feel certain of the absolute right to do what I ~~wished~~ wished with a farm before commencing it.

In the Laboratory our Valedictorian Mr. J. H. Kastle & myself have been engaged in an original investigation on the action of Phosphorous Tri Chloride on Aniline & Toluidin we have obtained some extremely promising results which we intend shortly to communicate to the American Academy of Arts & Sciences & to the Berlin Chemical Society

Laboratory Experiments.

I have the honor
to remain
very respectfully yours
Albert E. Menke.

[June, 1884]

To the Honorable Board of Trustees of the Agricultural and Mechanical College of Kentucky:

Gentlemen.

The Collegiate year of 1883-4 which closes tomorrow has been one of general prosperity. The number matriculated is 213. This number it is true falls considerably short of last year. The decrease has been mainly due to local patronage and is largely owing to the resolution adopted by the Board at its last yearly meeting raising the standard of admission for females resident in the town and County. The difference between the numbers matriculated from Counties outside of Fayette during the two preceding years and the Collegiate year just closing is due mainly to the operation of the Military System. This cause also accounts to some extent for the decreased attendance of Male students from Lexington and Fayette County. Notwithstanding this decrease in the numbers matriculated, the number of those who entered last year ~~and~~ is still nearly three times the attendance which the College had during the last year of its connection with Kentucky University.

Indeed the progress which the College has made since the separation is surprising. Not only the farm, Ashland and Woodlands which had been bought for its use by funds subscribed by citizens of Fayette County the title to which the majority of the subscribers believed would be vested in the State, but the money advanced by the Commonwealth amounting to $20,000 for the erection of Buildings was all lost to the College on the separation. More than this. All the machinery, apparatus, cabinets, museum collections which had been purchased and donated for its use were claimed and held by the Kentucky University. The College thus began its separate and independent existence with absolutely nothing. The liberality of the city of Lexington provided the College with the grounds on which its buildings now stand. And a further exercise of the same liberality gave largely of the means by which these buildings were erected. $54,125 in cash was realized from the City and County bonds donated for this purpose.

In order that the Board and especially the recently added

members may understand the financial condition of the College to which reference is here made by request of the Treasurer it will be necessary to state in what way the indebtedness of the College now almost discharged came into being. It will be remembered by ~~the~~ all but the recently appointed members that contracts on the buildings were let on estimates prepared and submitted by H. P. McDonald & Bro. Architects to whom was committed by the Executive Committee the supervision of the work. These estimates exclusive of drainage, grading steam-heating apparatus, plumbing, gas-fitting, gas generating machine, furniture, machinery and other necessary incidents amounted to about $50.000.00, a sum entirely within the amount realized by the sale of the Bonds. The ~~contractor for the~~ stone work had not gone far when, when the contract refused to go on unless his contract were revised, alleging that the refractory character of the material made it more difficult by far to work than he had anticipated. The Committee on the recommendation of the Architect appointed a foreman to carry on the work under the Architect's supervision. Difficulty

also occurred with the brick Contractor, who failing to push the work with the requisite vigor and dispatch, after a time virtually abandoned his contract leaving the work to be carried on under the supervision of the Architect, Expenditures on which were charged to him and his surety, while Estimates were credited to him as far as his contract allowed.
The cost of the stone and brick work thus exceeded the original Estimates by not less than $15,000. The Carpenters ~~Contract~~ bills also exceeded the Contract by something like $2000 — owing to changes and additions made during the progress of the work. A like excess also occurred in the plasterers bill, in consequence of an additional coat of white plaster being added to the original contract finish this excess was about $600 —. It was imperative to provide means for these unforeseen expenditures. A Committee was appointed to borrow money from the banks, this was found impracticable, the banks refusing to lend except on individual security. Under these circumstances the money which would otherwise have gone to pay the salaries of Professors amounting to $16000 was appropriated to meet the most

pressing obligations, still there was not enough and to meet the deficiency I went to the Northern Bank and borrowed $7,000 for which I became individually responsible, this amount I turned over to the treasurer of the College taking the note of the College therefor. At the close of the collegiate year of 1881-2, the indebtedness was about as follows:

~~on stone and brick work~~	~~$15,000~~
~~" Plasters work~~	~~600~~
~~" Carpenters "~~	
Bush & Son, Carpenters work	$3500
Davidson & Williams Steam heating apparatus	$1600
Foushee, Painters work	1300
Witt & Brown, Iron Galvanized	500
Gas machine	2500
Furniture	1300
Sundry accounts	1500
	12200
Due Professors on salary	16.000
" J.K. Patterson on note	7,000
Total about	$35,200

But for the assault made by the Denominational colleges of Kentucky upon the Institution which was thus struggling to find a broad habitation the Committee would have asked the Legislature of 1881-2 for an appropriation to relieve them in part at least of the debt, and for means to buy a farm ~~for~~ But the committee had all they could do to maintain the existence of the ½ cent tax the benefits of which accrue to the College, and deemed it prudent not to present this necessity nor invite any enemy to spy out the nakedness of the land. Consequently our embarrassments were known only to ourselves. The general public were in our midst knowing nothing of them. Though I had a mortgage to secure my own note I forebore to put it to record lest our embarrassments should thereby become known.

Now I am happy to say that our economy and our prudence has reduced the debt to within easily manageable proportions. The note which held against the College has been discharged in full. Less than $3000 of the principal due the professors on the unpaid salary

of 1881-2 remain unpaid. This with the amounts due Bush & Son viz: $3500 and the amount due Davidson & Williams ~~16,00~~ $1600 or an aggregate of about $8,000 is all remains of the debt of $35,000 which confronted us two years ago. Should we not be deprived of the income from the ½ cent tax this year by the decision of the Court of Appeals it is safe to say that by January 1885 not a vestige of the debt will remain.

There is now in the Treasury $3888,64

The July dividend on Agr. Scrip bonds will be 4950.

Amount due of ½ cent tax to May 1 4755,56

I therefore congratulate the Board on the improved financial condition of the College and the probable early extinction of the debt. ~~Beset~~ Assailed by the hostility of the denominational Colleges on the one hand and strained to the girth to meet our liabilities on the other we have had a continued struggle for existence. During the period when the pressure was greatest I may say that I did not sleep for three consecutive months that I did not awake dreaming of the College and its embarrassments.

We are emerging from the shadows however. When the Legislature of 1883-4 convened I anticipated a renewal of the denominational onslaught, and the Governor so apprehended. Happily however no movement which took definite shape was made and the Legislature adjourned leaving us in possession of the proceeds of the tax for two years more at least unless an adverse decision of the Court of Appeals take it away altogether.

Time however makes for the College and I am well satisfied that the longer we retain the State aid the more difficult it will be to withdraw it. When the Legislature met we thought best to ask an appropriation to pay a debt for the use of the College. But on consultation with the Governor and others I hesitated to apply to the General Assembly. The Governor thought they would be in no disposition to vote money for any object not absolutely necessary and however that an assault on the Annual tax by which the College was largely supported was impending. An Senator and others whom I

committee strongly advised against the introduction of any measure for an appropriation, fearing that it would re-open the whole question of State aid and jeopardize the existence of what we now have. After discussing the field the members of the Executive Committee thought with me that it would be hazardous to apply for any ~~more~~ appropriation for this object. There is however a fair prospect now of a considerable surplus of income over expenditure and I recommend that such part of this surplus as may seem good to the Board ~~may~~ be set apart as a fund wherewith to purchase a piece of ground for the use of College. A farm is indispensible in order to realize the intention of Congress in originally endowing Agricultural Colleges, and the expectation of the State in accepting the administration of the trust. We are now doing all that can be done in the class room to teach, in the language of the Act of 1862, "those branches of learning that are related to agriculture

and the Mechanic Arts". We have had classes in General Chemistry, Elementary Physics, Analytical Chemistry Agricultural Chemistry, Organic Chemistry, Elementary and advanced Botany, Elementary and advanced Zoology, Comparative Anatomy, Veterinary Science, Geology in its relation to soils, and Physical Geography. Some of these classes have been largely attended. But to supplement the instruction of the class room out door instruction is also necessary and for this purpose a farm is imperative. I therefore recommend that the Board will give its earnest attention to this subject. If we cannot get the Legislature to give us one of respectable proportions let us do the next best thing and buy with whatever means we can spare such an one as we can.

It is true there are other directions in which we could employ a surplus. If our attendance from other counties increases much beyond its present proportions additional dormitory accommodations will be necessary to provide them with the cheap

board and lodging which will enable young men of limited means to avail themselves of the advantages of free tuition given them by their respective counties. A new Building for the preparatory Department is also almost a necessity: Equally needful is the provision for additional machinery in order to furnish enlarged facilities for shop work. Our Laboratory requires fuller equipment, our Cabinets and Museums require enlargement, and as to a Library, that may be said to be non-existent. The services of years could be applied with eminent advantage in each of these directions. Moreover our Professors are underpaid. They do not receive such compensation as will attract or retain the best talent, talent which Kentucky ought to have in order to man and build up such an institution as her interest her traditions and her dignity require. When I look at what other States are doing for their State Colleges, their munificent

appropriations and liberal endowments I almost lose heart, untill I reflect how much we have accomplished with meager resources and in the face of such opposition.

Instruction has been given during the year in Mathematics including Physics and Astronomy by Professor White; in Chemistry Elementary and applied, and in Experimental Physics by Professor Peter; in Theoretical Agriculture, including Elementary Botany & Zoology, Agricultural and organic Chemistry and Veterinary Science, by Prof. Menke; in the English Language and Literature by Prof ~~Sh~~ Shackleford, in Ancient Languages by Prof. Neville and his Assistant Mr. Taylor; in Modern Languages by Professor Helveti; in Civil Engineering by Lieut. Tyler of the U.S.A.; in Natural History by Prof. Crandall except during the first nine weeks of the year when his classes were taught by a substitute of his own appointment; in Practical Mechanics by Prof. Crandall and an assistant, in the Normal School Dept and Mental Philosophy and Political Economy

by Professor Kirby; in Civil History by myself. The Preparatory Dept has been carried on by Profs. W.K. Pattern and M.L. Pence, by the latter of whom a class in book-keeping were also taught. For the general work of these several Dept's together with the conduct of the Military Dept under Lieut. Tyler, who in addition to the regular work of the drill taught a class in tactics, I refer you to the accompanying reports of Professors which are ~~hereby~~ herewith ~~to~~ submitted and made part of this report.

Six young men have completed the required course of study for the degree of Bachelor of Science viz: B.P. Eubank, O.V. Riley, R.T. Ramsey, C.S. Graves, J.H. Kastle and H.C. Jones. Your ~~auth~~ Authority to confer the degree on Commencement is respectfully requested by the Faculty who beg leave to recommend the gentlemen named to your Honorable body in whom by law this power is vested. One young ~~lad~~ lady Miss Leonora Hoeing has completed the full course required for a diploma in the Normal

in which no degrees are conferred. Your Authority is also requested for conferring the degree of Master of Science on T. V. Munson of Denison Texas and N. B. Hays of Hazlegreen Kentucky and Blakely of London. The former of these gentlemen has become eminent in certain lines of ~~inves~~ scientific investigation ~~and has~~ the latter has achieved much reputation as a teacher in Eastern Kentucky. He has moreover been for the last two years prosecuting a course of study under the direction of the Faculty for the degree named. Committees were appointed by the Faculty the one to prepare a general schedules or course of study for the different departments in the College, the object of which is to better systematize the distribution of time, to note what is obligatory and what elective, and to furnish a more detailed and satisfactory statement of the work and time required to finish a college course to those who are seeking information with a view to become Matriculates of the College.

The report of the second Committee recommends certain

Changes in the term of military duty and in the discipline specially relating to the Dormitory. These Reports will be laid before you for such action as you may think advisable. Whatever else you do I am specially desirous that measures should be taken to realize as far as possible the Congressional idea of industrial training. So far as the Agricultural side of that general idea is concerned I commend to you with special pleasure the Report and suggestions of Professor Clarke the recently appointed Professor of Agriculture. I desire also that steps be taken to make the Mechanical Department more effective by enlarging its facilities and extending the time devoted to instruction therein. We ought to advance more and more in the direction of a School of Technology supplying a want of pressing importance in Kentucky and providing the youth of the State with the elements of an education to obtain which it is necessary to go beyond the bounds of the Commonwealth.

Whatever else we may do or fail to do I want the institution to be honest with itself and honest with the public. To make the indispensible provision for realizing with fullest extent the requirements of the Organic Act of 1862 viz "Engineering instruction in those branches which are related to Agriculture and the Mechanic Arts". The law here defines clearly what we must teach and what the College must be. It may include classics and other scientific studies. This is left altogether to the discretion of the State and by the State to the discretion of the governing Board. In the other matter there is no discretion except how best to provide for the realization of the end proposed and the objects of the trust accepted.

I desire to call the attention of the Board to the Commercial Course of Study, with a view to determine the propriety of reconstituting this Department, or continuing it in the subordinate relation which it now occupies.

~~Changes in the term of military duty, and discipline in the military discipline specially relating to the drumming~~

In conclusion I beg to thank the Executive Committee and the Board for the uniform support which they have given in in ~~to~~ the discharge of duties the burdens, perplexity and responsibility attaching to which no one can understand who has not had experience therein, and to express the hope that the Institution Committee to your intelligent and patriotic oversight will in the no distant future do much for Kentucky and ~~what~~ really by its substantial gifts, to some extent at least, the ~~predictions~~ hopes and expectations of those who have labored to place it upon a secure and permanent foundation. Institutions grow. They are not made. They are not the product of a day nor a year, but of ages and centuries. Money is indispensible, but brains and work are not less so. "On the solid ground of nature stands the work that lasts for aye"

I have the honor to be your obt. servant

James K. Patterson

47-M-64

Report of Students and Studies in Greek and Latin, State College of Kentucky, for the Session of 1883–1884.

1. Class in Latin Grammar.

Students.— Asher, Basham, Chenault, Dodds, Johnson, Jones, Kennedy, Lancaster, Lee, Oldham, White.
Studies.— The whole of Gildersleeve's Latin Primer, with two reviews.

2. Class in Caesar and Virgil.

Students.— Duncan, Gillespie, Hodges, Osborne, Stockdell, Talbert, West.
Studies.— The whole 7 Books of Caesar, two books of Virgil, Latin Exercises.

3. Class in Xenophon and Homer.

Students.— Duncan, R. Prewitt, W. Prewitt, T. W. Shackleford.
Studies.— The whole 7 Books of the Anabasis, 6 Books of the Iliad, Jones' Exercises in writing Greek.

4. Class in Livy and Latin Composition.

Students.— R. Prewitt, W. Prewitt, B. P. Eubank, Virginia Thornton, Nannie Schmidt.
Studies.— Four entire books of Livy, numerous exercises in writing Latin.

5. Class in Suetonius and Tacitus.

Students.— S. P. Breckinridge, W. D. Lambuth.
Studies.— Extracts from Suetonius and the Annals of Tacitus. Latin Composition.

Classes instructed by tutor James W. Taylor.

1. Class in Latin Grammar.

Students.— Adams, Barton, Bowling, Brownell, Bryan, Caddell, Cassell, Colyer, Chambers, Glasgow, Haggard, Herr, Kilgore, Lee, Mason, McBrayer, McCracken, McDowell, McKee, Neely, T. E. Oldham, O'Banion, Owens, Shawhan, Shreve, Simmons, Smith, Thurman, Yates.
Studies.— The whole of Gildersleeve's Primer, with two reviews, a few pages in Gildersleeve's Reader.

2. Class in Caesar, Virgil and Cicero.

Students.— Hardin, Hays, Hifner, Jackson, Keller, Price, Scott.
Studies.— 2 Books of Caesar, 5 Books of Virgil, 5 orations of Cicero.

3. Class in Virgil.

Students. — Gess, Gross, Morgan, Patterson, Schermerhorn, Taulton.

Studies. — 4 Books of Virgil, 5 Orations of Cicero.

4. Class in Horace.

Student. — R. L. Fulton.

Study. — 2 Books of the Odes of Horace

5. Class in Greek Grammar

Students. — Bartlett, Hays, Jackson, Osborne

Study. — Grammar and 4 Books of Anabasis.

6. Sophomore Greek.

Students. — W. D. Lambuth, T. T. Taulton.

Studies. — Six Books of the Iliad, 2 of the Memorabilia, Plato's Apology.

7. Class in Euripides.

Student. — R. L. Fulton. — Study — Medea of Euripides.

Total number of students in Greek and Latin 74. Total number of students in the College 212. — The proportion of those in Greek and Latin being a little more than 1/3 of all, a little larger proportion than that of the last session (of 1882–1883).

Owing to the classification of students in other departments, it was impossible to avoid in two instances a duplication of classes. This can be avoided in the future —

Tutor Taylor has been faithful and efficient, and if employed in the College during the next session he will earn all that the Board of Trustees can afford to pay him —

Respectfully submitted,

John H. Neville,

Professor of Greek and Latin.

Report of the dept of agriculture [June, 1884]

President J. K. Patterson.

Sir,

In the dept of agriculture classes have been taught in Vet science, Botany, Zoology; Organic Chemistry, Agricultural Chemistry & Laboratory work. The progress of the students has been satisfactory. We have fitted up a laboratory for the purpose of enabling students to learn practical agricultural chemistry; we have also made some additions to our museum which is as yet however in a primitive stage. Investigations have been made on a parasite infesting sheep a full account of which appeared in the "Stock Farm." Experiments are in progress on the influence of various manures on Tobacco, on the distance apart & best methods of cultivation of various agricultural plants. The Laboratory of the Erlanger system of railroads is now in my Dept & students have an opportunity

EDWIN ALDEN & BRO.'S
ADVERTISING AGENCY.
N. W. Cor. 5th & Vine Sts.
CINCINNATI, O.

Statement showing the dates of Insertion of the Advertisement
of James K Patterson
Space 2 Inches Times 2 Months.

Oct. 28, 1884

Date sent out
Order Book
Page

Columbia	Ky	Spectator	July 9-16-23-30 Aug 6-13-20-27 ✓
Bardstown		Record	Aug 14
Frankfort		Yeoman	July 1-8-15-22-29-Aug 5-12-19- ✓
Glasgow		Times	July 2-9-16-23-30-Aug. 6-13-20 ✓
Greenville		Echo	July 10-17-24-31 Aug. 7-14-21-28 ✓
Hartford		Herald	July 9-16-23-30 Aug 6, 13-20-27 ✓
Hopkinsville		New Era	July 4-11-18-25 Aug 1-8-15-22 ✓
Lawrenceburg		News	July 3-10-17-24-31-Aug 7-14-21 ✓
Lebanon		Standard Times	July 2-9-16-23-30 Aug 6-13-20 ✓
London		Mountain Echo	July 4-11-18,25 Aug. 1-8-15-22-29 ✓
Mayfield		Democrat	July 10-17-24-31 Aug 14 28
Maysville		Eagle	July 2- 23
Owenton		News	July 2-9-16-23-30 Aug. 6-13-20 ✓
Paducah		Standard	July 18-24 Aug 1-8-15-22 Oct. 5 ✓
Paris		True Kentuckian	July 2-9-16-23-30 Aug 6
Falmouth		Democrat	July 25 Aug 1-8-15-22-29 Sept 5-19.26 ✓
Pikeville		Enterprise	July 5-12-19-26 Aug 9
Princeton		Banner	July 17-24 Aug 7-14-21 Sept. 4-11 ✓
Richmond		Register	Not in.
Russellville		Herald & Enterprise	July 2-9-16-23-30 Aug 6-13-20-27 ✓
Carrollton		Democrat	July 19-26 Aug 2-9-16-23-30 Sept. 6-13-20 ✓
Shelbyville		Sentinel	July 3-10-17-24-31 Aug 7-14-21 ✓
Somerset		Reporter	July 3-7-10
Stanford		Interior Journal	July 8-15-22-29 Aug. 1-12-15-21 ✓
Versailles		Woodford Sun	July 18-25 Aug. 1-8-15-22-29 Sept. 5 ✓
Winchester		Sun	July 1-8-15-22-29 Aug. 5 Sept. 16-23-30 ✓
		Democrat	July 2-9-16-23-30 Aug. 6-13-20-27 ✓
Catlettsburg		Cent. Methodist	July 5-19 Aug. 2-16 ✓
Louisville		Ws. Recorder	July 3-17-31 Aug 14 ✓
		Old Path Guide	July. 4-18 Aug 1-15 ✓
		Commercial	July 1-15-29 Aug. 12 ✓
		Courier Journal	July 14-28 Aug. 11-25 ✓
		Home & Farm	July 15 ✓

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		Papers not Inserted.
Barbourville	Ky	Chronicle
Eddyville		Democrat.
Hickman		Courier
Henderson		Reporter.
Morgantown		Courier
Mt. Sterling		Dem. Sentinel
Murray		News
Owensboro		Messenger & Examiner
Paducah		News
West Liberty		Mountain Scorcher
Louisville		Christian Observer.

Answers to questions relating to condition &c. of the A. & M, College of Ky, propounded by a Com. of the Exec. Board

1"-What departments under your charge?
Ans.-Natural History, and Practical Mechanics.

2"-How many classes have you?
Ans.-Six.

3" & 4 -How many students in each class? What classes and
Ans.-Geology 3,-Zoology 5,-Advanced Botany or Histology 5, Perspective shade and shadow, 4. In Dep. of Mech. Shop-work 8 Elementary Drawing, 8,-

5"-How many hours per week each class?
Ans,-Zoology, Histology and Perspective &c. one hour recitation each day; Geology, three hrs. per wk.--Shop-work 4 hrs and Drawing for this class 2hours.

6"-Conduct of students in your classes?
Ans.-In Dep. of Nat. Hist. unexceptionable. In Mechanics some lack of dicipline; mostly unavoidable as now organized.

7"-What are you doing for the dicipline of the school?
Ans.-I keep good order in my own department.

8"-Are students thoroughly interested, and are they profiting by instruction in your Department?
Ans.-I am not able to fully interest all, and those who are fully interested cannot reap full benefit, from a lack of appliances. The greater number appear to be interested in their studies.

9"-Are you satisfied with the progress made?&c.
Ans.-The progress is not , on the whole, very satisfactory.

10"-What is needful to make your department efficient?
Ans.-First, and in general,-That a college department may be efficient in any adequate sense, it must be of a college that has a clearly defined plan consistent with its leading purpose, strictly and continuously adhered to, and upon the carrying out of which the faculty is bound together as a unit. Second--It must be of a college which determines the character of the students in attendance, rather than one the rank of which is determined by the character

11"-What methods do you make use of to interest and instruct your classes?
Ans.-I use the objective method so far as I am able to do so. I do notpermit the use of the language of the text-book (when that is used) In the placeof objects not at hand make use of drawings and diagrams. Spend a good deal of time and money in providing for the particular wants of clases. Aim to keep each class out of the rut of previous classes. This last I regard as of prime importanceboth to teacher and scholar.

12"-Do you attend chapel exercises.
Ans.-Whenever I can do so without seriously breaking up the days work.-Probably one fourth of the time.

Lexington Ky. Feb. 5"-1885.

A.R.Crandall.

and grade of the students in attendance. Third.--It must have appliances suited to the work to be done.
Under the second head, that the work in the Natural History department may be attended with satisfactory results, the students who enter it must be more uniformly prepared for college. Probably I have stood up against the levelling influence of numbers and want of preparation, as firmly as has been practicable unde the circumstances; but to be able to bring the department up to a good standard of efficiency, I must be enabled to draw the line on scholarship.
Under the third head, -The need of appliances for a department of Natural History cannot in any sense be measured by the requirements for text-book work. The equipment for this department when secured will have cost a large sum of money. It is not my opinion however, that a large amount of money should be put into this department at once, even if it were to be had. It should be built up by its own work But that this may be it must have a working fund to meet the requirements as they arise: namely, to buy books, apparatus and materials, to bear the expense of securing and preserving illustrative collections. A working fund of from one to two thousand dollars per year, available as required would be worth more to the department than an appropriation at once of a large sum for equipment. It is important that it should be understood that the present status of my department is one which does not invite growth: for however faithfully I may strive to meet, on my part, the promises made to the students who come to us, it is plain that the work must be wholly shaped, at disadvantage and by make shift, to that end, to be moderately successful: while the department, as such, remains in a state which cannot command the respect of a master.

Upon the present basis, an important aid would the occasional service of a trusty janitor: as I am obliged to give considerable time to work which a janitor could as well do.
In the Mechanical Department the needs are, first-a superintendent who can give the whole afternoon to the work. Second-a small stated sum for materials, tools &c. Third-the requirement of a full preparatory training, especially in mathematics. No attempt is made this year to give needful lecture-room instruction, or to teach mechanical drawing: -for want of attainments requisite for these. Fourth-a final understanding that it is a department of instruction subjec to no call for work to interfere with that purpose.

11"-What methods do you make use of to interest and instruct your classes?
Ans.-I use the objective method so far as I am able to do so. I do notpermit the use of the language of the text-book (when that is used) In the placeof objects not at hand make use of drawings and diagrams. Spend a good deal of time and money in providing for the particular wants of clases. Aim to keep each class out of the rut of previous classes. This last I regard as of prime importanceboth to teacher and scholar.

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Ans.-Whenever I can do so without seriously breaking up the days work.-Probably one fourth of the time.

Lexington Ky. Feb. 5"-1885.

A.R.Crandall.

Commandants Office
Agricultural College
Lexington Ky
Feby 5. 1885

Hon Executive Committee.

Gentlemen

In reply to the questions and me I have the honor to reply as follows

1 "What Department have you in charge?"

Ans. Tactics and Military Discipline. in which is embraced the care of the Dormitory, Mess Hall, College Building so far as preserving order is concerned, the different Divisions. and in short to aid and assist in any manner in preserving order. and caring for College property.

2 How many hours do you hear each day

Ans. I hear recitations occasionally I take the place of a Professor who may be sick or absent.

3. 4. & 5 Do not apply to my Dept.

6.7.8
and 9.

"What is the conduct and discipline of your pupils."

Ans

Good. This is not West Point and a broad distinction must be drawn between Students of a civil College like this and a purely military one, and allowances made accordingly. To keep order, prevent quietness during study hours, promote habits of Cheerful obedience to Professors, give an erect carriage, acquire urbane absolute personal cleanliness of person and room, inculcate a sense of honor + manliness - and a profound horror of lying and foul language - has been my only aim and not to insist upon a rigid adherence to fixed rules, or points of military etiquette. To this extent I believe I have succeeded and I think no complaints exist in regard to the discipline. The interest taken in drill is great, and will be greater when we get arms + equipments. I am well satisfied with the result

and look forward to a pleasant year and a large increase next year.

1.
10 What is necessary in your opinion to produce more satisfactory results.

Ans. 1st New arms, cannon &c. This I can explain verbally much better.
2d - a new, respectable sink, placed near the Dormitory. I have not had time to get an accurate estimate but recommend a vault, planked up, say 10 ft deep, by ~~8~~ 11 ft wide & ~~[illegible]~~ 18 ft long. - a frame building, tile roof, comfortable seats (18 ~~at~~ holes at least), separated by partitions to have privacy. - steam & gas pipe in building; surround building by lattice work, & have it behind ~~Dormitory~~ Boiler house & connected by a covered plank walk. Such a building can I think be erected for $ ~~300~~. and will be worth a fortune to the comfort of the boys.
A cold, damp sink, so far away that many won't go to it as long as they can help it produces disease, violates all sense of privacy & is productive of all sorts of evils.

30 A new range in Kitchen. There are now 84 students & 8 others fed 3 times a day - and their food cooked on a NOV range of the size ordinarily used in a private house. The walls should be cleaned & white washed, and lamps be put in. Gas blackens the walls and I can not keep a room clean that is so dark I have to use a candle to inspect the corners.

I have omitted to say that all male students except those physically disqualified and except the Graduating class, attend Drill. This class was very properly excused by the Ex^g Com. Weather permitting drills are held 5 times a week - one hour each.

In conclusion I wish to add that, in my opinion the Regulations are too "iron-clad" - not elastic enough for varying circumstances. Many of the punishments are too severe as laid down leaving the Faculty no discretion. They should be revised to suit the wants of the College, printed on cards to hang in each

47-M-47

List of Cadets excused. why & by what authority from Drill

1	G. T. Gess.	Graduating class.		Ex Com.
2	W. G. Thornbury	"	"	"
3	W. D. Lambuth	"	"	"
4	J. R. Scott	"	"	"
5	R. J. De Roode	"	"	"
6	A. L. Offutt.	Cripple.		Pres & com^s
7	A. G. Rankin	"	"	"
8	J. W. Rogers.	Special course	"	"
9	W H Ryan	" "	"	"
10	Percy Talbot	" "	"	"
11	W D Long.	Surg. certificate.		Dr Buckner.

143 attend. 11 Excused. Total 154.

Official.

F. E. Phelps
Col. Comd

room for the information of those
concerned. and then carried out.

Finally I desire to acknowledge
my indebtedness to the President in
particular and to the Faculty in
general for the cordial and earnest
support I have received in the
performance of my duty – duties
always delicate and sometimes
unpleasant but made easier by
cordial sympathy and help.

Yours Gentlemen

Very Respectfully
Your Obt Servant

F. E. Phelps
Colonel Commandant

P. S. I attend Chapel regularly.

Feb 10 1885

Dr. R. J. Spurr

Dear Sir:

In response to the questions asked by your Honorable Committee the following answers are respectfully given.

1st. I am in charge of the Department of Preparatory Instruction

2nd. In this Department nine classes are heard each day, - four by myself, three by Prof. Pence, one by Prof. Taylor and one by Mr. White, a Student employed as a Tutor for one hour each day.

3rd. The Subjects taught are English Grammar, Geography, Practical Arithmetic, Elementary Algebra and Wentworth's Complete Algebra to Chapter Eighteen.

4th. Section 1 English Grammar has 22. pupils
" 2 " " " 20. "
" 1 Practical Arithmetic " 28. "
" 2 " " " 18. "
" 1 Elementary Algebra " 26. "
" 2 " " " 17. "
" 1 Complete " " 18. "
" 2 " " " 23. "
The Geography class " 27. "
199.

5th. Each recitation is one hour in length, less the time necessary for the change of classes.

6th. The conduct of the pupils, in the class rooms of this Department, so far as I know, is good.

7th. In accordance with what I believe to be my duty, and the best interests of the College, I cooperate to the fullest extent in the maintenance of discipline.

8th. A large majority of the pupils in this Department show a high degree of interest in all their Studies.

This answer so far as it applies to the classes taught by my assistants is based on their weekly reports more than on personal knowledge.

9th. With the results of my own work I am very well satisfied, and, so far as I have the means of judging the work done by my assistants, especially that of Prof. Prince, I am satisfied. Their classes come at the same hours that my own do, and it is impossible to give them any personal supervision unless I neglect my own. The results in Section 2. Elem. Alg. are least satisfactory.

10th. To produce more satisfactory results, all the classes of this Department should

be taught by regular Professors who would take an active interest in building it up and making it what it should be; the responsibility direction and control of the Latin Preparatory should be transfered to this Department, under the advisement of the Professor of Latin.

As soon as practicable Some arrangement should be made whereby the Principal could Spend some part of his time in the class rooms of his assistants for the purpose of supervising and giving direction to their work.

To render instruction in Geography More complete a ~~&~~ globe and outline Wall Maps are much needed.

11th. Our methods of instruction are partly oral but mainly by use of the black board to elucidate such principles as the ~~as~~ pupil may not be able otherwise to comprehend. The pupils, before coming to the recitation, are required to commit rules and so far as they can to master principles, and in the recitation to Show their Knowledge of Subject by answering questions pertinent to it, by Solving on the

black-board, Examples and problems in Arithmetic and Algebra, by analyzing and diagraming Sentences in Grammar and by Map drawing in Geography.

12th. I am seldom absent from Chapel.

I am, with great respect,
Your obedient Servant,
W.K. Patterson

State College of Ky.
February 10. 1885

Capt. Ingels
W. Coleman

47-A-69

1 Civil History and Metaphysics or Mental Philosophy
the former includes Political Economy.

2 I am hearing three classes each day except on
Fridays when I hear two.

3 In the Junior class in Civil History there are taught
the outlines of Ancient Modern and Mediaeval
History. In the Senior class the History of England
with special reference to the growth of free institutions
the Constitutional History of England and the United
States and Political Economy. In the class of
Metaphysics Mental Philosophy alone is taught.

4 In the Junior class in History there are twelve,
in the Senior class four, in the class in
Metaphysics nine pupils.

5 Each recitation is an hour in length.

6 The conduct and discipline of my pupils is
unexceptionable.

7 The bulk of the general discipline rests on me.
I receive valuable assistance from the
Commandant. The general discipline of the
College I think is excellent, firm but not harsh
or severe. I proceed on the principle that each
one is a gentleman till the contrary be proven.
I endeavor to take into account the social and
moral antecedents of a pupil in the administration
of discipline and to treat each one as I
would wish to have my own son dealt with
if away at College. I endeavor always to graduate
the punishment according to the offence, and to
do justice to all.

47-M-64

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

A. & M. COLLEGE.

CLASS; DEPARTMENT OF .....

REPORT FOR THE WEEK ENDING ....., 188....

SCALE OF DAILY MERIT. | MAXIMUM FOR THE WEEK. 15.

No.	NAMES.	M.	T.	W.	Th.	F.	Total.	REMARKS.
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9 In the main I am well satisfied with the result of my instruction when I take into account the conditions under which we operate. What I mean is this: the majority of our students come to us with inadequate preparation. The consequence is that most of them are deficient in general information a large part of which has to be supplied in order to get them to take in the full significance of the instruction imparted. Most of them are also in too great haste to complete a college course. If graduated too early a mass of crude and ill-digested information is the result.

10. To produce more satisfactory results we require better prepared students. This will be a work of time. As the common school system improves, as better teachers are employed, and as good intermediate schools and academies are established the qualifications of our matriculates will improve and more time can be given in college to the discipline and improvement of the mind instead of to the more mechanical work of merely imparting information. A college course is valuable mainly on account of the mental discipline and training, and not on account of the mere accumulation of facts imparted as information. To give the mental powers strength discipline, elasticity and to enable them to energize longer and stronger without fatigue is the highest and noblest end of education. We need also a genius to translate into action the instruction of the class room. We need more ~~and~~ facilities for instruction in the work shop

47-M-64

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

A. & M. COLLEGE.

CLASS; DEPARTMENT OF .....

REPORT FOR THE WEEK ENDING ..... , 188...

SCALE OF DAILY MERIT. | MAXIMUM FOR THE WEEK. 15.

No.	NAMES.	M.	T.	W.	Th.	F.	Total.	REMARKS.
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We need museums and cabinets and a library.
For carrying out the idea of an Agricultural and Mechanical
College, a farm and increased facilities in the work shop
are indispensible. The Prof. of Agriculture is now doing all
that can be done without a farm, and is doing it
well. But We want the practical in connection with
the theoretical coordinate with and supplementary to it.

11 My Methods of instruction are oral recitation from
text books, a running commentary or lecture on
the subject matter of the lesson, and occasional
written examinations to ascertain how well the
pupil appropriates and assimilates what is
provided for him.

12 I am never absent from chapel unless sick
or absent from town.

Thanking you my dear Sir, officially and personally for
your intelligent interest in the College and for your
personal support in the discharge of my own
duties I am

Your obt servt
James K Patterson

To Dr. R. J. Spence
Chairman Visiting Committee
of State College.

Lexington Feb. 12 1883.

47-M-44

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

Feb. 12, 1883

A. & M. COLLEGE.

CLASS; DEPARTMENT OF .....

REPORT FOR THE WEEK ENDING ....., 188....

SCALE OF DAILY MERIT. | MAXIMUM FOR THE WEEK. 15.

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(1)

1885 Feb

To the Executive Committee of the Board of Trustees of Ky State A&M. College.

The undersigned members of the committee appointed the first of February last to visit the State College and investigate its condition, and the workings of the various Departments would report that they have endeavored to perform the duty assigned them. Through the courtesy of the Pres. and Faculty every facility was afforded them for the inspection of the buildings & examining as thoroughly & satisfactorily into the methods of instruction in the Institution as our limited time would permit. As the result of their investigation they would report that they found the management harmonious & efficient, the course of study broad & liberal the instruction thorough, discipline good & the moral influencies surrounding the students most excellent. The committee visited the different Departments & had a personal examination of the Profs thereof in their class rooms as to the method of instruction No of Classes heard each day. No of pupils in each. Subjects taught length of time of each recitation; and if the result of their work was satisfactory to themselves & profitable to their pupils; to all of which interogations satisfactory answers were given in writing, we found the Departments headed by able and efficient men well qualified by education & training

to fill their respective positions - all seem devoted to their work - and desirous of raising the standard of scholarship as high as possible to attain = better still = they seem bent on the realization of their life work: viz - the thorough equipping of the youths in their charge for life positions, It is gratifying to report - that - in our progressment - the State College has a most efficient & able Faculty - As to the needs of the College the committee finds that the most important & urgent - is that - of a Farm - which is imperatively necessary in order that the theoretical instruction of the class room - can be practicaly illustrated to the minds of the students - in the field; and until this is obtained it will be impossible ever to realize the design of the organic act - creating this College; and the committee would most earnestly recommend to the Executive committee the importance of securing more land at the earliest practical opportunity - indeed they feel tempted to suggest the idea of enlargement - elsewhere - in order that this most important object be obtained: this being the leading object - in the act - of its creation - Agriculture - literaly is a living practical Science & no amount - of Theory will ever enable one to master it - The committee think the management - should lead in that direction with all prudential haste -

From the comprehensive report of the Pres. of the institution as also from that of the Prof of Agriculture - the committee learn that all is being done that can be in that Dept without a farm to which fact the com. testify to the extent of their observation & inquiry: the Department needs additional specimens in museum & more operators - we would suggest here that if the Members of the Executive com. would confer with our Senators & Representatives in Congress - possibly they might obtain valuable additions to our Library & Museum we find there are 63 students taught in this Dept - with most satisfactory results considering its equipments - In the Dept of Natural History & Practical Mechanics there were reported 6 classes with 32 students - 16 of whom are in the Dept of Practical Mechanics with one hour recitation daily for W. H. & 4 hours per week per week for students in Shop Work in Practical Mechanics - Judging from the report of the Prof of this Dept the needs are greater than the College are at present able to supply - the committee were not fully advised as to the real status of this Dept owing to want of time - Consequently would refrain from making any suggestions - aside from recommending an investigation on the part of the Executive com - The Dept of Experimental

Physics & Elementary & Practical Chemistry under the intelligent management of Prof Robt Peters is doing a splendid work, having on attendance on his daily Lectures of one hour, of from 40 to 50 students. So much of his time is employed in the preparation & delivery of his lectures that he is compelled to employ his Son Alfred M. Peters (at his own cost) to meet the classes in Practical Chemistry devoting 4 to 5 hours daily in the practical work; the Coms would suggest owing to the importance of this Dept in a College like this. That the Board consider the propriety of appointing an assistant Chemical Prof. so that the efficiency of the Dept may be kept in an advanced state of usefulness: with the needs of the Dept mentioned in the report of Prof Peters is that of a good Library which would add greatly to the utility of the College. He expresses regret that the large & valuable collection of scientific & other books constituting the Medical Library of Pennsylvania University — which is now in charge of the by University & not used for the purpose for which it was donated could not be transferred to the State & to College; the Com — would ask if an effort has ever been made to secure the transfer

of this Library. if not would it not be advisable to make
the effort. The Com. were much pleased with the
investigations of this Dept & respectfully refer Yours
Com. to Prof Peters Report as to other recommend-
-ations from him. In the Mathematical Dept we find
the course of study Liberal & Extended. 3 to 4 Classes
reciting daily with 5-7 students. in the judgment
of the Com. The equipment of this Dept is sufficient
for the present. with the exception of an ordinary Sur-
-veyors Compass & a celestial Globe to be used in the
practical teaching of Surveying & Astronomy. these
the Com. deem essential to the proper & perfect instruction
in these studies & recommend the purchase of same as
soon as your com. find it convenient to do so. The
Report of the Prof in this Dept is referred.
The Normal Dept. The Com. find under the able
management of Prof Marie Kirby & as far as the
Com could judge is in a most prosperous condition
with 79 pupils reciting daily. We were pleased
with the method of instruction employed here.
& believe it fruitful of great good to the students
in this Dept. which opinion is confirmed by the

report of the Prof in Charge who expresses himself as gratified
with the result of his teaching: the Com- are not altogether
pleased with the management of this Dept as we understand
it: it is regarded as one of the most, if not the most
important Depts in the College from the fact of its
being generally regarded not only as a School of Instr-
uction but also a School of preparation where those
who desire to become teachers equip themselves
for that profession: if we understand correctly this
work of preparation devolves almost entirely upon
the Prof of this Dept: the Com- think this should
not be so but that when a student wishes to take
this course he should be required to recite in the
respective Depts to which his studies belong: the
art of successful teaching is a rare one comparatively
few possess it: & fewer still being able to acquire
it & the Com- think that if the Prof of this Dept is possessed
of the ability of imparting the art of teaching, which
they do not doubt: he should not be over burdened
your attention is specially called to this Dept:

The Dept of English Language & Literature
renders the successful & conscientious management

of Prof Shackelford is all that we could desire or expect under existing circumstances. He has 63 pupils reciting daily. recitations one hour each. Here again we miss the valuable assistance of a College Library.

The depts of Latin. Greek. German & French. we find as well patronized & occupying as prominent positions as they deserve in an Institution of this kind. The Profs as far as we were capable of judging being well qualified. in German & French there are 50 students. in Latin & Greek 26 students. The Preparatory dept we found in a most active & well arranged state. only a slight change being recommended in the report which the Com. believe will adjust themselves in due time. The Prof of this dept. William A. Patterson has two assistants profs. he has hearing nine classes daily one hour each. the no of pupils reciting in this dept aggregating 199. This dept is the nursery of the College & upon the proper instruction & management here depends in a great degree the usefulness not only of the ~~College~~ Students but of the College itself. Start the boy right & with reasonable care & instruction

he will ~~end~~ well - We found the school of Military tactics and discipline in a high state of efficiency, under the accomplished Officer detailed and paid by the U. S. Government to give instruction in this Department. The wise and impartial rules, administered as they are with liberal intelligence, constitute we believe the very best known method of College government. Habits of system, discipline, punctuality and prompt obedience to constituted authority are inculcated; while manly bearing, self confidence and capacity to command are developed. In addition to these benefits, students of this science have an immense advantage, if the country should need the services of her sons on the field. It should be noted, that while acquiring and enjoying these advantages and benefits, there is no interference with the regular duties in the college proper, it is but giving the necessary exercise so essential for the developement of that manly form, so much admired by Mankind

Mechanical Classes. The committee believe that the plan of the College should be clearly & distinctly defined & that the Faculty should work in unity & harmony in carrying out the design. Let the Faculty understand that this is an A. & M. College & as such the Board of Trustees are ambitious that it should become one of the first in the land. We think the ~~Agricultural~~ State commissions of Agriculture should have connection with the College & that the should establish as far as he is able a series of experiments in connection with the college in the testing of seeds, grasses, Commercial Fertilizers, & the testing of the different methods of feeding & handling live stock, all of which would prove instructive & profitable to the agricultural classes. Let it once become generally known that the management have established a well defined A. & M. College & it is our opinion the College will not want for funds or patronage. The committee cannot close this report without thanking President Patterson for the courtesy shown them in this investigation. We deserve the commendation of the Board for the able & conscientious manner in which he discharges his duties. Upon him rests the bulk of the discipline & management of the College. The Reports of the Profs of the different depts accompany

this report also the detailed account of James K. Patterson with A & M. College from July 5-1884 to ~~Ma~~ Mar 5" 1885 = All of which is respectfully submitted

Lexington Ky. May 28th 1885

President James K. Patterson:

Dear Sir.

I submit the following report of the School of English Literature in the State College of Ky for the year 1884-85.

I have taught four daily classes, viz; two Freshman classes, a Junior Class, and a Preparatory Class

There were sixteen names enrolled in the Preparatory Class, forty five in the Freshman, and eleven in the Junior.

Many of the pupils were studious, and made commendable progress.

I take this opportunity of acknowledging your courtesy and friendly co-operation

Yours John Shackleford, Prof of Eng. Lit.

Mathematical Department of
A. & M. College of Ky.

Lex. Ky. June 2d 1885.

Pres. Jas. K. Patterson:

Dear Sir;

My class-record book for the session just closed shows an enrollment of 61 pupils, 58 males and 2 females, distributed as follows:- 28 in Freshman, 22 in Soph. and 11 in Junior, six (6) of these being in Mechanics and 5 in Astronomy.

The average daily attendance in these classes was about 80 p/c of the numbers given above. My recent examinations show that good progress has been made by most of my pupils, about 1/4 of them having a grade equal to or greater than 90 p/c of our maximum & only three or four failing to obtain 75 p/c of said maximum.

If some member of our board of trustees can visit my classes occasionally at least, I believe

47-M-64

that my pupils would feel encouraged thereby and even better results may be obtained in future than in the past. My department needs a good celestial globe, a surveyor's Compass, and a leveling rod all of which I hope our board of trustees will authorize me to purchase.

I believe that I express the desire of nearly (if not wholly) all of the members of my faculty in asking of our trustees through You that in future the examinations of pupils on subject that are completed during our first term shall be held at the close of that term and not at the close of the session as now.

Respectfully Yours
Jas. G. Waite, Prof. of Math.

AGRICULTURAL AND MECHANICAL COLLEGE
OF KENTUCKY.

Office of COMMANDANT OF CADETS.

Lexington, Ky June 7 1885

Pres J K Patterson

Sir

I have the honor to make the following Report on the Military Dept for the year 84-5.

I reported for duty Sep 26. 1884. Since then I have had Squad & Co Drills whenever the weather permitted. and drill in manual of arms in the basement.

I found the arms in a badly demoralized state - few bayonets, no rammers, no belts &c. Good work could not be expected but the Cadets have done better than I expected ~~and as well as~~.

100 new rifles with equipments have been rec'd and a Battery of artillery will be here in a few days.

The Discipline has been good - little trouble in keeping order

AGRICULTURAL AND MECHANICAL COLLEGE
OF KENTUCKY.

Office of COMMANDANT OF CADETS.

Lexington, Ky., ... 188

and punishments have been sparingly inflicted and always ~~of~~ submitted to cheerfully.
The President & Faculty have fully sustained me and I look forward to the new year with hope and confidence in a largely increased attendance.

Very Respty
Your obedt Servant
F. E. Phelps
1 Lieut 8th Cav
Commandant

x Hilldel W. W.	Grammar	Arithmetic	Elem Algebra
x Walker E. L.	"	"	"
Wilson W. L.	Grammar	Arithmetic	
Woodward	Gram.	Geog. Arith.	Elem Algebra
x Wood J. W.		" "	"
White B. P.	Grammar	"	"
x Whitt E. N. D.			Elem Algebra
Rogers Frank		Geog. Arith.	
Saunders G.	Grammar	"	"
x Ayer Wm. J.			Algebra

Whole number 134. Those marked
x were Normal Students

W. K. Patterson

State College
June 2. 1885.

State College of Kentucky.
Lexington, June 2, 1885.

President James K. Patterson:

Instruction has been given to two classes in Book keeping during the past year. The first class was organized in September last, and in the latter part of February they completed the work assigned them - Bryant and Stratton's Counting-House Book-keeping, omitting the subject of Banking. The work of this class was better than that of any preceding class of which I had charge. Certificates showing the amount of work done were given to Messrs. B. D. Hogan, H. S. Comely, R. E. L. Turley, and H. C. Jasper.

The second class was organized at the beginning of the second term, but for want of time did not do the same amount of work as done by the first class. No certificates were given.

The results of this years instruction in Commercial Science are better than those of last year or of the year before.

I am,

Very respectfully,

M. L. Pence.

47-M-64

June 2, 1885

State College of Kentucky.

Report of classes in Greek and Latin for the Session 1884-5

1. Class in Latin Grammar (5 times a week).

Members. Agee, Lyon, Miss Lancaster, Mr. Lancaster, Adams, Morgan, Dunville, Hen, Smith, Gunn, Todd, Golden, Butler, Oldham, Haggard, Nolin, Ryan, Jasper, Offutt, W. Black, J. Black, Griffin, White, Walker, Vansant, W. Flanery, J. Flanery.

Latin Studied. Gildersleeve's Primer, 1 Book of Caesar by some of class.

2. Class in Sallust and Livy (5 times a week).

Members. Miss Hodges, Patterson, Shackleford, Payne and Moore

Latin Studied. Sallust's Jugurtha (reviewed), 2 books of Livy (reviewed)

3. Class in Herodotus &c (3 times a week).

Members. R. Prewitt, W. Prewitt, Shackleford and Moore (short time)

Greek Studied. 120 pages of Herodotus, 2 dialogues of Plato, 1 Book of Thucydides.

4. Class in Greek Grammar (5 times a week).

Members. Miss Lancaster, Mr. Lancaster, Moore and Reese (short time)

Greek Studied. About 50 exercises in Greek Grammar.

5. Class in Thucydides (2 times a week).

Members. Mr. Lambuth.

Greek Studied. 1/2 books Thucydides, 4 Orations of Demosthenes.

Classes taught by Tutor Taylor.

1. Class in Horace &c (5 times a week).

Members. Miss Chenault, W. Prewitt, R. Prewitt,

Latin Studied. Most of Horace, 5 Satires of Juvenal, Some of Tacitus and the whole of Cicero on old Age.

2. Class in Caesar and Virgil (5 times a week).

Members. McCracken, Hanson, Hodges, Hardin, O'Bannon, Towns, Bosworth, Walker, Morris, Reese, Brownell, Gordon, Lancaster, Neely,

Latin Studies: 4 books of Caesar, 1 book of Virgil, Grammar.

3. Class in Latin Grammar & Caesar (5 times a week).

Members: Miss Schmidt, Mr. Hundley, Mr. Bosworth -

Latin Studies: Latin Primer, 3 books of Caesar.

4. Section in Latin Grammar (5 times a week).

Members: Butler, Haggard, Allin, Gunn.

Latin Studies: 160 pages of Latin Primer.

5. Section in Latin Grammar (reciting at same time).

Members: Lee, Marshall, Morrow, Wright, Fitzpatrick, Railey, Ford, J. Rankin, A. Rankin, Ambrose, White, Powell, Davis, Thurman.

Latin Studies: 60 pages of Latin Primer.

6. Class in Xenophon's Anabasis (5 times a week).

Member: Moore (a short time). Greek Studied. Part of 1st book.

Whole Number of Students in Greek and Latin, 74.

John H. Neville,
Professor of Greek and Latin.

State College of Kentucky,
Monday, June 2, 1885

James K Patterson
President State College.

Dear Sir:

I desire to make to you, and through you, to the Board of Trustees the following report of the Preparatory Department for the Academic year ending June 3. 1885.

During the year one hundred and thirty three pupils (112 Males and 21 females) were enrolled and taught in this Dept., an increase of twenty over last year.

Forty two were instructed in Higher Algebra, fifty five, in Elementary Algebra, fifty Six, in English Grammar, fifty one, in Arithmetic, and thirty nine in Geography.

During the first Session eight classes were taught, four by myself three by Prof. Pence, and one by a Tutor, Mr. White. During the Second Session ten classes were taught four by myself four by Prof. Pence, one by Prof. Taylor, and one (a small class) for a short time by Prof. Kirby, afterward by a Tutor Mr. Whitt.

With the limited assistance at our command it was necessary to make several classes much larger than they should have been and in the case of those Students who did not enter at the beginning of the year, Such classifications as were in many instances Not to their best interests.

This was especially the case during the Second Session about the beginning of which we had many new Students to enter whom it was necessary to incorporate in the then existing classes which had been organized at the beginning of the year, or form into new classes under the instruction of a Tutor. Our experience with Tutors has been so unsatisfactory that their employment is never recommended if it can be avoided. The higher classes were not affected by these interruptions, and the results in those classes ~~are~~ are quite satisfactory, a larger number than in any former year having completed the Preparatory course. Of the lower classes, those taught by Prof. Prince and myself made good progress, quite a large number passing the examinations necessary to enter the higher class next year, those taught by Prof. Taylor and Tutors White and Whitt did not do so well. Most of them will have to go back to the beginning of the Junior Class. These were composed for the most part of boys who entered after the middle of the first Session, many of whom were deficient in application.

This Dept. has grown to such proportions that it is impossible for two men to do all the work in it, as it should be done, besides Prof. Prince has to do one hour's work each day outside the Preparatory Course. There is abundant work for an additional assistant. The classes should be made smaller and increased in number and the Principal should have some time each day to spend with his assistants to give direction to their work and see that all the Students are in place and have made the necessary preparations for their recitations.

I am, with great respect,
Your obedient Servant
W. K. Patterson
Principal Preparatory.

Lexington Ky. June 2. 1885

Agricultural & Mechanical College of Kentucky,

LEXINGTON, KY.

June 3d, 1885.

Sec. 13. Act of Incorporation of the Agricultural and Mechanical College of Kentucky, approved March 4th, 1880.

"The Faculty of the Agricultural and Mechanical College shall have power to grant certificates to Teachers, valid in any county in Kentucky, under the conditions and limitations prescribed by law."

In accordance with the foregoing section, the Board of Trustees authorize the Faculty of this College to issue this First *class certificate to* Mr. B. S. Morris, Falmouth, Kentucky, *as evidence of his good moral character and qualification to give instruction in the following named branches, viz:*

Spelling,	Algebra,
Reading,	Geometry & Trigonometry,
Writing,	Surveying & Analy. Geometry,
Arithmetic,	Latin, (Elements)
English Grammar,	
Geography,	Mannie Kirby,
History of United States	Prin. of Normal Dept.

James K. Patterson
President

No 1

Dr. Jas. K. Patterson:

The whole number of pupils belonging to the Normal Dept. for the scholastic year '84 and '85 is 32 - males 23 - females 9. The class for the year just ending has been more than usually diligent, decidedly above the average of those persons heretofore attending the normal Department, in natural aptitude to acquire knowledge, and what is still more gratifying, more thoroughly in earnest in qualifying themselves, especially, for their work as teachers. This Dept. was established by the Commonwealth of Ky. for the direct preparation of male and female teachers, to instruct in the common schools required by law. The ends chiefly aimed at, in this Dept. are the acquisition of the necessary knowledge, of the Principles and Methods of Instruction, and of the various branches of study, the attainment of skill in the art of teaching, and the general development of the intellectual powers. From the beginning to the end of the course,

all studies should be conducted with special reference to the best ways of teaching them. Recitations, however, excellent should not be deemed satisfactory, unless every pupil is able to teach others that which he himself has learned. In the classes taught by myself so far as practicable, I have had the pupils, in turn, to occupy temporarily the place of teacher of their classmates, subjecting the former, to the criticisms of the latter, as well as to those of myself. Teaching exercises have formed a large part of the schoolwork. I would respectfully call attention to the importance of putting greater facilities at the disposal of scholars belonging to this Dept. in preparing themselves for their professional work. The following works are in reality almost indispensable to the successful training of teachers: One copy of Websters Unabridged Dictionary; one copy of some cyclopedia such as Chambers, while by no means the best yet furnishes to the student a large amount of useful knowledge,

within a small compass and at a reasonable cost; a complete set of wall maps, say like those published by Van Antwerp, Bragg & Co; one sixteen inch terrestrial globe; besides a small library for purposes of reference, composed for the greater part of books of a professional character. The cost of the above mentioned articles need not I think exceed two hundred dollars, certainly two hundred and fifty dollars would equal the entire outlay. A request, something like the one just preferred, was made several years ago, but was refused for want of funds, money being called for, at the time, more urgently in other directions. I therefore have held back until now from asking any pecuniary aid for the Normal Dept.

The indebtedness, which two or three years ago stood to the account of the College, is I am informed, nearly if not entirely, paid off so that the Institution is now in a position to give the

much needed help to the Training Dept. of the College.

Again. In my judgement the cause of elementary education in the State, and the dignity of the College, would be better served than at present, were certificates to be issued to no one who had not been a pupil of the Normal Dept. for a period of at least two years.

As matters now stand, just so soon, as the young man can pass by the merest scratch, the examination required by the college authorities, he puts in an application for a certificate, enabling him to teach in the common schools of the State, sometimes at the end of five months and, very rarely indeed, does he remain over nine months or the scholastic year. Every year brings to the college a new set of unfamiliar faces, which the end of the year finds scattered throughout the State, never to return again. The result is that this year, we are turning out teachers no better

prepared for their work, than were the teachers we had God speed to, the first year after the foundation of the Normal Department. A change respecting this matter in the act organizing the Normal Dept. would cure the defect.

And further, the want of sympathy and cooperation with the Principal and sole teacher of this Dept, upon the part of his fellow Professors, is a serious drawback to the efficiency and consequent success of the Normal School. I would not be understood to cast the slightest censure upon these gentlemen. So far from it, I do not attach any blame to them for lack of sympathy with the Principal of the Normal Dept. Their purposes and aims are not his purposes and aims. A Normal School or the Normal Dept. of the State college if you please, is above all things a professional school, precisely in the same sense, that a law, or medical college is a professional school. The teachers of the law and medical colleges,

all heartily cooperate with each other, to produce one result, that is, to make lawyers and doctors. The teachers of the State College do not cooperate with the Principal of the Normal Dept., to produce the same result, that is, to make teachers. And for the very sufficient reason, that the State College is not in a narrow sense a professional school but has for its supreme end the development of the powers intellectual and moral of its pupils, as well as, their thorough training in a prescribed course of study. With these aims in view the teacher, other than the normal, makes the communication of knowledge the sole end of his office and he does not feel obliged to account to his pupils for this, that or the other method of communicating it. On the other hand, the training teacher subordinates the communication of knowledge to the way of imparting it to others. Now the question may be asked how

are the professors of the other departments to cooperate with the Principal in charge of the Normal school?. What assistance are they expected to lend him? Do they not give him all the help he can reasonably ask, when they teach scholars belonging to his department the Languages, ancient and modern, the Mathematics, and the Sciences? It has been admitted, that from their point of view, it is hard to see how they can do anything more for him. However, it is claimed, that when their services are required by the Principal of the Normal school, the professors of other departments are obedient to his wishes. How this claim works in practice may be learned from the bit of experience related ~~below.~~ below. I had occasion some time since, to put the following question, not to all, but to a majority of the professors: Do you consider it your duty to give the Normal Dept. help not only in the subjects you teach but also in the best methods of teaching them to others as well? The answers in some instances were a plump

negative; in others the inference was clear, that the professors were not willing that that should be considered as a duty which might be done as a favor, and in one case only did I get an affirmative answer. Now each and every professor, in teaching the subjects assigned to his own department, is manifestly doing his own proper work and is no more affording me help, because there should happen to be attendant upon his instructions, some one that shall, hereafter, pursue the business of teaching, than he is giving aid to a medical or law school in Louisville or Cincinnati,

because there should chance to belong to his classes, students that shall at some future day, devote themselves to the practice of law or of medicine. The real service he does me and my department is not that he teaches some young man, who has it in mind to become a teacher, a language or a science, but that he points out to him the best methods of instruction to be adopted by the young man himself, when he in turn, teaches this same language or science to others.

In a Normal school proper, there should fall to the Principal for his share of work say, Mental Science,

and Logic, 2ly Theory and Art of Teaching, including 1st Principles and Methods of Instruction, regarded in their general and philosophic sense. 3ly School organization and Government, and 4ly School Laws of Kentucky.

The special applications of these principles should be and must be left to the other instructors, that is, to each one within the limits of his own particular studies. Some entertain the absurd notion, that it is the task of the Normal Instructor to find a philosophical basis for the Theory and Art of Teaching, at the same time, to show the application of the principles,

discovered, to every subject taught throughout the entire college curriculum. That man only is qualified to give instruction in the methods of teaching a subject who understands the subject itself. The Normal teacher who lays claim to skill in the use of methods of instruction both in their general and special employment, by inference must lay claim, also, to the possession of universal knowledge — a claim which sooner or later must stamp him who puts it forward, as nothing short of a knave, or a charlatan.

A Normal Dept. constituted as ours is, puts upon the Principal and for years to come will put upon the Principal the necessity of teaching some of the subjects, prescribed for the common schools of the state. We have no standard of admission to the Normal Dept., at least, none that we enforce. Nor can we have a standard such as that requiring, as it does, in most Normal schools north of the Ohio, a satisfactory examination in Geography, English Grammar, History of United States &c.

Were such a list of admission strictly adhered to, at the beginning of

each year, we would have scarcely a single addition to the Normal Dept.

Hence the first five months of the school year are, for the most part, passed in teaching the subjects adverted to above, and joined to this work, the last five months find some place for awakening in the minds of the pupils an interest in methods of instruction, that is, methods lying near the surface and superficially regarded. As to tracing these methods to their true source the operations of the human intellect, while something has been done in that direction,

yet I must confess with little success.
The little knowledge of those in training for the profession of teaching, their want of mental discipline, and consequent inability to follow a train of logical thought, makes their intimate acquaintance with the philosophical foundation of methods an impossibility.

The duty lies upon the Principal of the Normal Dept. of the State College, 1st to present to his pupils so far as he can do so, in their philosophical meaning, the Principles and Methods of Instruction; moreover to teach those subjects with which he is best acquainted,

that he may the better exemplify in use those principles and methods.

Other professors ought with the task of imparting knowledge, to unite upon occasion, the work of accounting for their method of procedure in imparting that knowledge.

But what professors?
From whence is this help to come?
There is a large class of educators at the north who believe that the connection between a college and a normal school as one of its departments, such as ours for instance, to be destructive of the ends of a Normal school.

The conditions of success lie, they admit with such connections, as that existing in the Univery of Michigan.

In that institution every member of the normal class is an educated gentleman, either holding a diploma from the University, or from an institution of equal standing with the University, or he is a member of the senior class of the University.

A connection such as this, in our case, it is evident, is an affair of many, many years in the future.

Another solution of the problem, and the most thorough going, would be

the Board's furnishing teachers whose duties would be wholly bounded by the walls of the Dept.— a solution involving an outlay, clearly, for the present at least, beyond the ability of the Board to meet, at the same time, it would be affording an excuse for the desire, spreading rapidly, of establishing one or more normal schools in the State altogether independent in their operation of the State College. There remains only to be thought of, the cooperation of the entire faculty with the Principal of the Normal Dept. in his special object of training teachers for the common schools of

the state. This refused, the Dept. is a failure, and the sooner it is understood, the better it will be for the reputation of the college, and the better for the tax payer as well.

One other matter. It seems hardly necessary to say, after the foregoing, that the gentleman in charge of the Normal Department should be exempt from teaching in other departments of the college, his time being fully occupied in the performance of the duties of his own.

Hoping you will give the above mentioned suggestions

at least a passing attention. I subscribe myself,

Most respectfully,

Yours, &c.,

Maurice Kirby.

1884 – 1885

J. B. Lippincott & Co., Booksellers and Stationers, Philadelphia, Pa.

List of Students who received Instruction in the Preparatory Dep't. Showing Classification and hours of recitation.

		1st hour	2nd hour	3rd hour	4th hour
1	Adams W. T.	Algebra			
2	Allen C.	Grammar	Arithmetic	History	Elem. Algebra
3	Allin D.	Algebra			
4	Ambrose O. B.				Algebra
X 5	Baker Bertha	Algebra			
6	Beeler S. F.	Grammar			El. Algebra
7	Bosworth M. A.	Algebra			
8	Bush Wm.				Algebra
9	Black C. M.				Algebra
X 10	Black W. R. Sr.				Algebra
11	Black W. R. Jr.	Grammar	Geography	Arithmetic	~~Algebra~~
12	Bryan R. M.			Arithmetic	El. Elem. Algebra
13	Bryant L. C.	Grammar	Geography	Arithmetic	
14	Cassell R. L.			Arithmetic	Elem. Algebra
15	Cook, Louisa			Arithmetic	
16	Coons M. A.				El. Algebra
17	Colbert G. W.	Grammar		Arithmetic	El. Algebra
18	Conly H. S.	Grammar		Arithmetic	
19	Corbett Jas. L.	Grammar		Arithmetic	El. Algebra
20	Curtis S. S.			Arithmetic	
21	Chambers B. S.	Algebra			
22	Chrnault D. M.				Algebra
23	Clubb H.	Grammar	Geography	Arithmetic	El. Algebra
24	Dunn C. L.	Grammar	Geography	Arithmetic	
25	Dunville G. W.				Algebra
26	Dunville R. A.	Grammar			
X 27	Edwards A. M.	Grammar		Arithmetic	El. Algebra
28	Ely B. F.	Grammar	Geography	Arithmetic	
29	Foard C. L.	Grammar	Geography	Arithmetic	
X 30	Forgitt W. W.	Grammar		Arithmetic	El. Algebra
31	Funk H. C.	Grammar	Geography	Arithmetic	

		1st hour	2nd hour	3rd hour	4th hour
1	Furnish W.	Grammar		Arithmetic	El. Algebra
x 2	Flanery W.H.				El. Algebra
x 3	Flanery J.W.				El. Algebra
4	Frazer, Mary J.			Arithmetic	Elem. Algebra
5	Gibson C.G.	Grammar		Arithmetic	El. Algebra
x 6	Gilbert				Algebra
7	Godsey L.W.				Algebra
8	Golden B.B.				El. Algebra
9	Griger D.D.	Grammar	Geography	Arithmetic	
10	Gunn R.L.				Algebra
11	Gunn, John	Algebra			
x 12	Graves Sidney		Geography	Arithmetic	
x 13	Gambor	Algebra			
14	Greathouse D.B.	Grammar	Geography	Arithmetic	
15	Green L.H.	Grammar	Geography	Arithmetic	
16	Griffin J.V.				El. Algebra
17	Hampton J.W.	Grammar	Geography	Arithmetic	
18	Hancock F.B.	Algebra			
19	Hanson J.M.	Algebra			
20	Hardesty F.L.				Algebra
21	Hardesty H.B.				Algebra
22	Harper S.J.			Arithmetic	El. Algebra
23	Heck J.N.	Grammar	Geography	Arithmetic	El. Algebra
24	Herr N.H.				El. Algebra
25	Horing C.	Algebra			
26	Holliday J.O				Algebra
27	Holliday L.A.				Algebra
28	Howard J.H.				El. Algebra
29	Hollis E.B.				El. Algebra
x 30	Hundley J.H.				Algebra
31	Ingles, Idell	Algebra			

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Booksellers and Stationers,
Philadelphia, Pa.

		1st hour	2nd hour	3rd hour	4th hour
1	Ingram M. A.			Arithmetic	El. Algebra
2	Jasper H. C.	Algebra			
x 3	Jasper W. C.				Elem. Algebra
4	Kenney, Andrew	Grammar	Geography	Arithmetic	Elem. Algebra
x 5	Lancaster D. D.	Algebra			
6	Lancaster L. B.	Grammar	Geography	Arithmetic	
7	Land C.				Algebra
8	Land G. W.	Algebra			
9	Lee D. K.	Grammar	Geography	Arithmetic	
10	Logan W. O.		Geography	Arithmetic	Elem. Algebra
11	Long W. D.				Elem. Algebra
12	Luxon L. W.				Elem. Algebra
13	Lyons C. B.				Algebra
14	McDonald G. L.	Grammar	Geography	Arithmetic	Algebra
15	Marcum J. F.	Grammar		Arithmetic	Elem. Algebra
16	Marshall H. C.	Grammar	Geography	Arithmetic	
17	Masner J. W.	Grammar	Geography	Arithmetic	
18	Mitchell F. C.			Arithmetic	Elem. Algebra
19	Morgan J. H.	Grammar			
x 20	Morgan M. E.		Geography	Arithmetic	
21	Morrow I. J.			Arithmetic	Elem. Alg.
22	Nolen W. J.	Algebra			
23	Oldham I. E.	Algebra			
24	Page W. L.	Grammar		Arithmetic	Elem. Algebra
25	Parker W. D.	Grammar	Geography	Arithmetic	Elem. Algebra
26	Perkins, Jennie				Algebra
27	Railey C. E.	Grammar	Geography	Arithmetic	
28	Randall G. W.	Grammar		Arithmetic	Elem. Algebra
x 29	Rankin J. N.				Algebra
30	Reynolds W. B.	Grammar	Geography	Arithmetic	
31	Roberts H. C.				Algebra

		1st hour	2nd hour	3rd hour	4th hour
1	Roberts W. T.	Grammar	Geography	Arithmetic	Elem. Alg.
2	Robb C. F.	Grammar	Geography	Arithmetic	
3	Rogers A. L.	Grammar	Geography	Arithmetic	Elem. Algebra
4	Rouse E. O.	Grammar			
X 5	Rowland J.D.	Grammar	Geography	Arithmetic	Elem. Alg.
6	Rucker J.W.	Grammar		Arithmetic	" "
7	Ryley C. L.		Geography	"	" "
8	Saffarans C.M.				Algebra
9	Salmon Jas. R.	Grammar	Geography	Arithmetic	
10	Sistrunk W. T.	Grammar			Elem. Alg.
11	Sistrunk J. F.	Grammar	Geography	Arithmetic	" "
X 12	Sarter R. H.	"			" "
13	Scruggs J.B.	Grammar	Geography	Arithmetic	" "
14	Scott E. D.	Grammar	Geography	Arithmetic	
15	Sharpe G. N.				Algebra
16	Shelby D. H.		Geography	Arithmetic	
17	Shropshire W.B.				Elem. Alg.
18	Sloan W. A.	Grammar		Arithmetic	
X 19	Smith J.W.	"			Algebra
20	Smith M. J.	Grammar		Arithmetic	Elem. Alg.
21	Smith P. M.			"	
22	Stahel G. C.	Algebra		Arithmetic	
23	Steadman S.M.	Grammar		Arithmetic	Elem. Alg.
24	Stevens J. M.				Algebra
25	Stivers Annie	Algebra			"
26	Stockdell E. N.				Algebra
27	Faulkner Jas. M.	Grammar		Arithmetic	
28	Thomas L. B.	Grammar	Geography	Arithmetic	Elem. Alg.
29	Thornton J.W.	Algebra			
30	Utz P. W.	Grammar			
X 31	Vansant B. F.				Elem. Alg.

47-M-47

[June, 1885]

President Patterson:

The following classes have been taught in my departments during the year just ending.

Classes.	Standing.	Remarks.
GEOLOGY.		
Gess G.T.	14.00	
DeRode R.J.	14.00	
Scott J.R.	13.00	
Lambeth	14.30	
Thornbery	13.00	
PALEONTOLOGY.		
Bealert Mrs.	14.80	
ANATOMY & PHYSIOLOGY.		
Frazer H.M.	14.	
Adams W.T.	12.50	
Prewitt R.L.	14.00	
Prewitt W.	14.00	
Crosthwaite W.T.		Dropped
Lee R.E.	12.50	
Sutphen Miss M.		Not at examination.
Hensley Miss M.		" " "
PHYSICAL GEOGRAPHY.		
Pettit Miss C.R.	14.40	
Adams W.T.	12.80	
Safferens M.	11.00	
Long W.D.	10.00	
ZOOLOGY.		
Hiffner K.L.	14.50	
Gess Geo.T.	14.50	
Scott J.R.	13.50	
Morgan T.H.	14.95	
Woolfolk J.G.		Not at examination.
VEGETABLE HISTOLOGY.		
Adams W.T.		Excused by President
Lee R.E.	14.68	
Prewitt R.L.	14.79	
Prewitt W.	14,89	
✓ Morgan T.H.	14.90	
Hiffner K.L.	14.79	
Frazer H.M.	14.89	
DRAWING.		
Chenault Miss M.	14.50	
Gunn " Bell	14.50	
Stockdale " Evan	14.50	
Wardroper M.L.	14.50	
Schermerhorn J.A.	14.00	
Pettit C.R.	14.00	
Ingram Miss	14.00	
Prewitt Maggie	14.00	
Prewitt Annie	14.00	
Smith Peachie	14.00	

Standing in this class is made up from the character of the work rather than from the amount of work, or time given.

MECHANICS & DRAWING.

	Shop-work.	Drawing.	
Dunn	10.7	9.5	
Clubb			Dropped.
Gibson	12.5	11.6	
Geiger	10.0	6.0	
McDonald C.M.	13.0	9.0	
Steadman S.M.	11.0		
Funk H.E.			Dropped
Golden			"
Page			"

Some of the class were not able to attend the Drawing division
Most of the class were irregular in attendance in work-shop.

A.R. Crandall.

[June, 1885]

To the Honorable,
J. Proctor Knott,
Chairman B.S. Trustees
State College of Kentucky

Sir.

I have the honor to submit herewith and through you to the Board of Trustees the following report.

The number of students matriculated in the Agricultural and Mechanical College of Kentucky during the Collegiate year 1884-5 is Two Hundred and Thirty, an increase of eighteen over the number enrolled during the preceding year. Of this number about One Hundred and Forty are outside the limits of the County of Fayette, the remaining thirty being from the City of Lexington and from the County. The attendance from the city and county has during the past year been smaller, while that from counties outside has been much larger relatively than last year. This I regard as an encouraging feature, and shows that we are gaining ground in the Commonwealth at large. It would be easy at any time to increase the local attendance if this were deemed desirable. But we have deemed it prudent to adopt and insist upon a standard of admission for local applicants which we would not think of applying to those who come from other counties.

During the months of January February and March when the ~~Maximum~~ Average attendance is reached our dormitory capacity was taxed to the utmost. Indeed had many

more applied for admission the College Authorities would have been seriously embarrassed to provide for their lodgement. The additions to the Matriculation list after the New Year consists mainly of persons whose means are small and who are consequently unable to pay high rates of Board. Unless lodging be furnished to these at merely nominal cost, and board at a figure to cover only the cost of the raw material and its preparation, the benefits of the College would be practically denied to three fourths of those who enter after the first of January. Any further increased attendance will therefore it is evident be conditioned by our capacity to lodge and board applicants for admission. This has now become a serious question as regards the growth of the College and I hereby take occasion to commend it to your consideration.

The progress has been on the whole commendable, though scarcely up to the measure of former years in some of the Departments.

The discipline maintained has been good, though it cost us the attendance of several students. In February Mr J. L. Holliday of Miss was dismissed for continued disobedience. and was required to vacate his quarters within a reasonable time. A number of his fellow students made common cause with him announcing their determination to withdraw if sentence of exclusion were enforced upon Holliday. The malcontents were, much to their surprise and chagrin allowed to withdraw. The Faculty deemed the

Maintenance of discipline of paramount importance to the interests of the College and of more consequence than the retention of dissipated students, however high their class standing might be, if they remained to become centres of discontent and insubordination. Some of those who withdrew made application after the immediate excitement had passed away to be readmitted but every such application for the present session of the College was refused. We have reason to believe that our action commended itself to the intelligence of the public and especially to the intelligence of parents who have sons to educate.

Instruction has been given during the year in the following branches viz:

Mathematics, Physics & Astronomy, Chemistry, Elementary, Organic Agricultural & Practical, Mental & Moral Philosophy, Civil History, English Language & Literature including Logic, Latin Greek French & German, Drawing, Natural History including Botany Elementary & Advanced, Zoology Elementary & Advanced, Physical Geography, Physiology, Comparative Anatomy, Geology, Veterinary Science, Practical Mechanics Military Art & Science, Theory & Practice of Teaching Book keeping and the various subjects taught in the Preparatory Department.

For what has been accomplished in these severally I refer you to the accompanying reports of the heads of these departments.

Six young men viz Rudolf Dr. Roode Lexington Ky
Geo. D. Gross Hoyatte Co.

H. Gordon Hebron Ky
W. D. Lambuth Elizabethtown Ky
J. R. Scott Russell Cave "
W. G. Thornberry New Haven "

have completed the course of study in a satisfactory manner prescribed for the degree of Bachelor of Science. These young gentlemen are respectfully commended to the consideration of the Board for the degree of B. S. and that a Certificate which on Commencement day is respectfully requested.

A committee appointed by the Executive Board consisting of Messrs Spurr Bradford and Bird, Johnston, visited the several Departments of the College during the early part of February. A series of questions to which written answers were required was prepared to each professor. These were designed to furnish the visiting committee with an intelligent ~~knowledge~~ and systematic information respecting the work done in each Department, with the facilities afforded for work and the wants of each. The committee have taken means to collate the information ~~submitted~~ thus acquired and submit it in the form of a report to the Board.

~~Lest the~~ I would not anticipate the report of the committee of which Dr. Spurr is chairman and which will deal fully and justly I have no doubt with the matters which they take in hand. ~~I desire however to say that at the proper time and before the adjournment of this Board I desire to call attention to some of the Departments~~

The debt which hung over us three years ago and which was then and after wards a cause of so much anxiety to the Board is I am happy to say extinguished or practically so. The Report to be submitted by the Treasurer will however deal more fully with this branch of the subject. Happily for us the public were not aware of the extent of our indebtedness and our consequent embarrassment. We were therefore left free to work out the problem of release. How well and satisfactorily this has been accomplished I leave the report of the Treasurer to show. We are now upon our feet with good buildings handsome grounds, material appliances to make instruction in the class room effective, fairly good though not yet by any means sufficient. Every year we are becoming more widely and ~~favorably~~ better more favorably known. I am satisfied that with additional dormitory accommodation and an active intelligent agent in the field for one year our present attendance could be easily doubled or trebled.

There are many counties in the State still unrepresented in the College. The services of an agent would bring us in our full quota from them. It would not be long until nearly every county in Kentucky would be as ours, and we would have as many as the existing law now entitles them to send.

This end could I think be promoted by changing the method of appointment. Appointments by free

are now made by the County Court. The Court in a great majority of instances now neglects or ignores its duty. I would recommend that legislation be sought vesting the appointment of beneficiaries in the members of the General Assembly instead of in the County Courts as heretofore. By the advice of the Executive Committee the representatives and Senators of those Counties and Senatorial districts incorporated in the State College, were through personal letters invited to send themselves blank the quota to which their respective Counties and districts were entitled. In many cases they responded with an alacrity and a good will most gratifying thereby encouraging the belief that the duty would be more timely and satisfactorily performed by them than by the present method of appointment as provided by Law.

The farm on which the College had a lease of five years beginning January 1 1881 and ending to January 1 1886 was sold in the early spring of the present year by the Executors. The purchaser sees desirous of obtaining a surrender of the remainder of the lease and made overtures to the Executive Committee for this purpose. The Executive Committee taking into consideration the conditions proposed and considering further that in accordance with the terms of the lease they might be called upon to expend considerable sums in repairs which would be of no advantage to the College

beyond the term of the lease acceded to the terms offered by the purchaser. Viz. the payment of one hundred Dollars as provided for in the terms of the lease in the event that the ~~Co~~ lessee should at any time desire the lease to lapse, the three months notice before the first of the year being waived.

In order to carry on the cultivation and Experiment which the College deemed essential with the means at its disposal fifteen or more acres of arable land within the College grounds have been brought into requisition under the personal supervision of Dr. Spruce with a competent practical garden employed by the College and the Professor of Agriculture. Since your personal inspection of the plans and process adopted that you may all and judge for yourselves of the results thus far obtained and likely to be obtained.

In this connection I may say that the Executive Committee at one of its recent sessions appointed a committee to procure if possible the establishment of an Agricultural Experiment station in connection with the College and in subordination to the Bureau of Agriculture at Washington. The committee consisting of Messrs Bird Spruce & Johnston have begun a correspondence with the Dept. at Washington from which they hope for good practical results. The Commissioner of Agriculture has invited the Curators of the College to send one or more delegates to attend a convention in Washington called by himself to meet in June or July for the

One purpose which we wish to accomplish viz: to establish Experiment Stations in connection with all Agricultural Colleges and to take measures for procuring from Congress the means necessary therefor. I recommend that the Board before adjournment appoint one or more delegates to attend this convention.

Other steps have also been taken by the same Committee to ascertain whether we can procure the establishment of a Signal Station at the College.

Many students whose means are limited are unable to remain until the close of the academic year because their funds are exhausted. A little help judiciously given to such young men whose morals are good and who have the capacity and industry to make scholars either as a loan or as a gratuity would enable them to maintain themselves till the end of the year. I suggest that a small sum, say a few hundred Dollars, be set apart annually and placed in the hands of the President or some other person appointed by the Board for the purpose of aiding in a quiet and unostentatious way such young men as may deserve aid, an account being rendered to the Executive Committee at the end of each year of such disbursements. Of course our object is to do good to the greatest possible number within a fair interpretation of the Statutes of the College and I can conceive of no way in which more good may be done than by a little timely aid to those who are struggling to make

Remember me.

Though happily we are out of debt, we cannot yet be said to feel on firm footing because. The Court of Appeals has not yet rendered a decision on the Constitutionality of the tax levied for the benefit of the College and it will not do to trust too confidently that when it does the decision will be a favorable one. Of course we hope that it will, but it will not do in our plans for the future to count on this as though it were an accomplished fact. For this reason in addition to others it behooves us to practice a rigid economy, so long as a decision is not rendered we shall have under our present organization a surplus. In what direction shall this be applied? This question is already answered by reference to the proceedings of last year. At the last annual meeting Mr. Bird offered the following resolution which was unanimously adopted viz:

"Resolved that all surplus revenue of the College accruing from the tax levied by the State for the benefit of the same after paying the existing indebtedness of the College, the Salaries of Professors, necessary supplies and incidental expenses be set apart for the purchase of land for the benefit and use of the College for experimental purposes and that the Executive Committee be so instructed."

We are thus already committed to apply all available surplus in the direction indicated by the foregoing resolution. The State has a right to expect that it will be so applied. I therefore suggest the appointment of a

Committee to carry out the purpose of the resolution adopted last year.

There are other wants of the College however scarcely less pressing and of scarcely less importance. The Mechanical Department has had merely a nominal existence for some time past. The work has been under the care of a student subject to the the supervision of Professor Cromwell. An accomplished practical mechanic should be placed at the head of this Department which should henceforward take the rank to which it is entitled. Whatever else we do or leave undone, we ought in good faith to establish the Agricultural and Mechanical Departments on a living basis. They have too long existed on paper only. Hitherto we have had some excuse for their non-existence, now henceforward we can have none.

There are however other important wants of the College. If as I have said before our numbers increase as we have every right to expect they will we ought to be prepared to furnish them with boarding and boarding accommodations. We cannot send boys back home whom their Counties have sent hither. The difference between $2,25 per week the cost of board in the dormitory, and $3,50 the least price for which any plain board can be had in town appears like of little moment, but small as it is it measures the difference which makes an Education possible and impossible to many.

The Preparatory Department also requires more help. Two teachers are not sufficient for the numbers they have to deal with. As will be seen from the reports of that Department more than half of all the Matriculates in the College are receiving instruction in one or more classes in the Preparatory Department. Moreover the Compensation now given to the Principal and his assistant is not adequate to the service rendered. We are likely to ~~loose~~ lose the services of the Assistant in the Preparatory Department because of the insufficiency of his salary. The Compensation of the Principal and his assistant ought to be increased each $200 and another assistant ought to be employed, whose compensation will require perhaps $600 — more. Thus $1000 — additional is needed for the Preparatory Department alone.

The Provision already existing for instruction in the Literary and Scientific Departments of the College is ample. Indeed all the work done in the three of the existing Departments ~~headed respectively by Professors Crandall, Peter and Menke~~ could be done as well and possibly better by ~~three~~ two ~~with~~ than by three, ~~especially if Professor Crandall were relieved of the supervision of the Mechanical Department by the appointment of a responsible head for the latter as urged above.~~

In regard to provision for instruction in the Literary and Scientific Departments we are fully abreast of our necessities and with the existing staff could do more

work than is done. The Principle which ought to govern the organization of a College of this kind and indeed of any kind is adequate compensation to a sufficient number - a number sufficient be it observed - of good active live working men. ~~There should be no drones and no supernumerarius~~, I believe in work, not over work, nor under work ~~be it observed~~. In such case both Professors and students are more interested. It is human nature that when one has little to do he wants to do less. and it is always better to wear out than to rust out.

We are bound therefore to to practice the economy which the State has a right to expect in two directions viz: Spend all our means will allow to make the College both Agricultural and Mechanical in fact as well as in name. After this is done we may as our means will allow add to this nucleus of Scientific Agriculture and Technology, Departments required by the increasing demands of the age and of the Commonwealth in Literature in Science and in Art. We are bound to provide as our means will allow for the ~~additional~~ lodging and boarding of the additional numbers who may be and are likely to be attracted hither. We are bound to provide instruction adequate in quantity and in quality to the necessities of the Preparatory classes. On the other hand we should spend nothing which our necessities do not absolutely

Regent. I commend these views to your gentlemen because I believe them to be in harmony with the reasonable expectations of the public, because they are in accordance with your obligations as custodians of a great public trust, and because they are demanded by the best interests of the Institution committed to your care.

Even if the tax remains undisturbed by the Court of Appeals, we may be put to our mettle to maintain and defend for years to come the existence of the tax against the opposition by which we may expect to be assailed. We must justify its maintenance by ~~the~~ results of unquestioned value, we must convince successive legislatures and the public who control legislatures that its maintenance is conducive to the highest public good. This we can do only by an honest economic judicious ~~administration~~ and intelligent administration of its proceeds. This I believe you will do.

With thankfulness for the past and hope for the future I beg to close by thanking this Board and its Executive Committee for the confidence they have given me and for the active support and sympathy by which they have supported me in my effort to discharge the responsible duties committed to me.

I have the honor to be

Your obt servant

James B. Patterson

1. Mathematical Dept. Feb. 5, 1885

2. Four classes daily from Sept. to Feb, three daily from Feb. to June, also one class on Saturday - one hour and a half.

3. Freshman - Algebra (Completed), Geometry (begun).
Sophomore - Geom. (Completed), Trigonometry, Surveying, Analytical Geom.
Junior - Mechanics of Solids, and Astronomy, and Calculus (Selection of course of study)
Senior - Calculus and Astronomy. (Optional courses of study)

4. Freshman (24), Sophomore (21) Junior - Mechanics (5), - Calculus (2) Astronomy (5).

5. One hour.

6. Conduct generally is good; occasionally I find it necessary to speak to some who thoughtlessly disturb the class by whispering to their neighbors.

7. (a) I keep good order in my class room. (b) When the conduct of any of our pupils, unworthy of a gentleman or lady comes to my knowledge I either talk to the offender or report the facts in the case to Pres. Patterson. (c) Beside taking part in the deliberations and action of the whole faculty, when a serious case of discipline is under consideration, I serve as a member of a "board of discipline" for the punishment of small offenses, when requested to do so by Pres. P.

8. With remarkably few exceptions my pupils manifest an interest in their studies by giving attention to the recitations while in progress, and by asking such questions as show a commendable zeal in their preparation for the recitation.

9. While it is true that I would be glad to see better results as the fruit of my labor with my pupils, yet when I consider the almost entire want of mental training before they come to me, I feel that I am doing some little good in this my life's work.

10. Instruction in Surveying and Astronomy can be materially improved by the purchase of an ordinary Surveyor's Compass, and a good celestial globe at a cost of about $20.00 for the two. When the financial condition of the College will justify the expenditure of several hundred dollars for my department a portable telescope should be purchased.
In June 1884 some changes were made in the courses of instruction required for graduation. In consequence of these changes my course of study was so modified as to give me three instead of four classes from Feb. to June as stated in answer 2. This change gives the freshman class more work than I consider best for it. In order to relieve this class I have under consideration some changes which will give me four daily recitations from Feb. to June.

11. Class instruction is given by black-board exercises together with such oral questions and explanations as I find necessary for a proper presentation of the subjects under discussion.

12. I generally attend Chapel exercises, though I am sometimes unavoidably absent.

To Committee of Board of Trustees of A. & M. College of Ky.

A. & M. College, Lex. Ky. Feb. 5th 1885. Jas. L. White.

47-11-64

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

A. & M. COLLEGE.

CLASS; DEPARTMENT OF .....

REPORT FOR THE WEEK ENDING ....., 188...

SCALE OF DAILY MERIT. | MAXIMUM FOR THE WEEK. 15.

No.	NAMES.	M.	T.	W.	Th.	F.	Total.	REMARKS.
1								
2								
3								
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Supplement to the Answers of Prof. Robt. Peter to the questions propounded by the visiting Committee of the Trustees of Ky. State A. & M. College. Feb. 1885.

The special committee having done me the honor to request me to offer suggestions as to the means of increasing the utility of our State College, the writer respectfully submits: — 1st in regard to his own Special department; — that as instruction in Practical Chemistry is becoming more and more in demand in our scientific Colleges, additional provision be made in our College, to meet this popular requisition, by the appointment of an assistant Chemical Professor.

Instruction in this branch of Natural Science requires the personal attention of the instructor to each several student; so that one person cannot superintend

and instruct more than a limited number at the same time, and as the hours of the day which the advanced students in our College can devote to this subject without interfering with other studies, are various, the instructor in Practical Chemistry, (temporarily employed by the writer at his own cost) has been teaching, sometimes, from 10 A. M. to 4 or 5 P. M. (with an intermission at the dinner hour), in order to accommodate the various students who desired to this Class.

The time of the writer, taken up in his daily Lecture and especially in the preparation of the demonstrative experiments necessary to his course in Experimental Physics and Elementary and generally applied Chemistry, does not permit him to give that attention to the Practical Chemistry instruction which is necessary to complete success

-cess in that department.

So far as my Experimental courses of instruction in Physics and Chemistry are concerned I would respectfully suggest that as soon as the funds of the College will permit some very desirable additions be made to the Apparatus, in order to make the demonstrative course more profitable to the student and to place our College on a footing with other similar colleges in our neighboring States.

In my Lecture Room it is also very desirable that an expenditure of, say not more than twenty dollars be made, to give to the benches a gradual elevation, from the lecture table back. - At present the students on the back seats are obliged to stand up in order to be able to see, over the heads of those in front of them, the experiments which are performed on the lecture table: hearing is also somewhat impeded.

HA-W-CA

2°.) Your Committee are doubtless well aware that the possession of a good Library of Scientific and other books, for reference by students and professors, would add greatly to the utility of the Institution.

This would doubtless be quite a costly improvement, especially as probably a separate building might ultimately be required; but a beginning could no doubt be made without very great expenditure.

In this connection it may be proper to offer regrets that the large and valuable collection of Scientific and other books, constituting the "Medical Library of Transylvania University", which is now in charge of the Kentucky University — and not now used for the purpose for which it was donated; ~~probably not [illegible]~~, — could not be transferred to the State A. & M. College, to form the nucleus of its Library. ~~Would it not be possi-~~

47-M-64

Lexington, Ky.
June 1, 1887.

President James K. Patterson:

I herewith submit to you my annual report of the work done in the study of Book-keeping at the State College of Kentucky during the year ending June 1, 1887.

A class was organized in September and continued the study during the year. Four members of this class, Messrs A. Feeny, B. D. Berry, C. W. Sleet, and L. L. Taylor, completed their work in a satisfactory manner, and are entitled to certificates showing the amount of work done.

A second class was organized at the beginning of the

second term and continued the study through the term. The total number of students in Book-keeping during the year was 18. A full statement of the class work as done by each member of both classes is to be found in the book of record kept by the Principal of the Preparatory Department.

Respectfully.

M. L. Pence.

[June 30, 1898]

Name of Institution, Tenn. Agricultural & Mechanical College.
Post Office, Knoxville, Tenn.

REPORT OF THE PRESIDENT of the said institution to the Secretary of the Interior and the Secretary of Agriculture, as required by act of Congress of August 30, 1890, in aid of Colleges of Agriculture and the Mechanic Arts.

1. CONDITION AND PROGRESS OF THE INSTITUTION FOR THE YEAR ENDING JUNE 30, 1898.

No essential changes have been made in the courses or methods of instruction during the past year, but decided progress has been made in many of them. The Agricultural Science course has been still further expanded so as to give greater liberty of election in Languages, Literature and History, and to provide more thorough and complete instruction in the Sciences pertaining to Agriculture.

The Engineering courses, which are the same in the Freshman and Sophomore classes for Mechanical, Electrical, Civil and Military Engineering, have been further expanded so as to provide special study under each of these heads in the Junior and Senior years. Some studies continue the same in all; but greater differentiation and liberty of election are provided so as to permit students to specialize more than was possible under the old course.

In the same manner, the Chemical group has been arranged so as to permit students to specialize in General Analytical Chemistry, Mining Chemistry, Metallurgy, Pharmaceutical Chemistry, or Agricultural Chemistry.

The Literary course has been re-arranged so as to allow freer election also in the Junior and Senior classes.

A course in Pharmacy has been established. The special announcement is enclosed herewith.

The department of History has been very much expanded, and the work divided between two professors: one having European and American History; and the other, Constitutional History and International Law; with three lecturers to assist.

The work in Modern Languages has been re-arranged so as to give more men and more time for the work in English, and to provide a separate professor, for the first time, in charge of French and German.

A separate elective course has been provided in Organic and Agricultural Chemistry, in the hands of an instructor in the department of Chemistry.

A new Mechanical department, to be called Estabrook Hall in honor of President Estabrook, is being erected at the cost of about $15,000.00. The College has outgrown its first Mechanical building, and the present one will be about three times as large as the old one. It will contain laboratories for hydraulic and steam testing, dynamo and dynamometer work, material testing, coal testing, oil testing, and a large general laboratory for instrument calibration and other general work. In it will also be the usual departments for wood-working and iron-working and the electric lighting plant; besides store-rooms for electrical goods, pattern, and plumbing supplies, coal and lumber; offices for the superintendent; printing, wash and dark rooms for blue-print and photographic work; a private laboratory; and a general museum for displaying work of students, engineering specialties, and other things of interest to the profession.

The machinery contained in the old building will be removed to the new one, and considerable new machinery and apparatus purchased for the equipment of the additional laboratories. Improved facilities are thus being provided for instruction in Mechanic Arts and Electricity. The power will be transmitted to the different shops in the form of Electricity.

Two new dormitories are being erected: one to contain about sixty male students; and the other about forty women students. This is the first women's dormitory to be erected upon the College grounds.

II. RECEIPTS FOR AND DURING THE YEAR ENDED JUNE 30, 1898.

1.	Balance on hand July 1, 1897, over and above all indebtedness (excluding funded debt, if any)	
2.	State aid: (a) Income from endowment granted by State	
	(b) Appropriation for current expenses	
	(c) Appropriations for buildings or for other special purposes	
3.	Federal aid: (a) Income from landgrant, act of July 2, 1862	$23960.00
	(b) Additional endowment act of August 30, 1890	23000.00
	(c) For experiment stations, act of March 2, 1887	15000.00
4.	Fees and other sources	10988.22
	Total	$72948.22

III. EXPENDITURES FOR AND DURING THE YEAR ENDED JUNE 30, 1898.
(Not necessarily a balance sheet as compared with Division II above)

1.	Instruction in subjects specified in sec. 1, act of August 30, 1890	$21483.76
2.	Instruction in all other subjects, if any, not mentioned in Question 1 of this series	8199.55
3.	Administrative expenses (President's, Secretary's, Treasurer's, Librarian's salary, clerical service, fuel, light, etc.)	21245.35
4.	Experiment Station	15000.00
	Total	$65928.66

IV. PROPERTY, YEAR ENDED JUNE 30, 1898.

Value of buildings, $161400.00; of other equipment, $83000.00 (estimated).
Value of above property not used for instruction in the subjects specified in sec. 1 of act of August 30, 1890. Buildings, $34800.00; of other equipment, $35000.00.
Total number of acres, 193.4; acres under cultivation, 118; acres used for experiments, 74; value of farm lands, $106370.00; amount of all endowment funds, $425000.00.
Number of bound volumes, June 30, 1898, 15500; pamphlets, 12000 (estimated)
(Including Experiment Station Library.)

V. FACULTY DURING THE YEAR ENDED JUNE 30, 1898.

		Male.	Female.
1.	College of agriculture and Mechanic Arts:		
	(a) Preparatory classes (no preparatory department)	0	0
	(b) Collegiate and special classes	28	2
	(c) Total, counting none twice	28	2
2.	Number in all other departments(excepting duplicates)	31	0
3.	Number of staff of Experiment Station	9	

VI. STUDENTS DURING THE YEAR ENDED JUNE 30, 1898.

		Male.	Female.
1.	Colleges of Agriculture and Mechanic Arts:		
	(a) Preparatory classes(no preparatory department)	0	0
	(b) Collegiate and special classes	192	59
	(c) Post Graduate courses	12	2
	Total, counting none twice	204	61
2.	Number in all other departments	343	

3. Number of students that pursued courses in agriculture, 20; mechanical engineering, 41; civil engineering, 40; electrical engineering 24; mining engineering, none (no course); architecture, none (no course); domestic arts, 8; veterinary science, none (no course); military tactic 115.

4. What degrees and how many of each kind were conferred in 1897-'98?
On men, Master of Arts, 2; Bachelor of Arts, 7; Bachelor of Science, 7; Bachelor of Laws, 12.
On women, Master of Arts, 1; Bachelor of Arts, 4; Bachelor of Science, 1.

5. What and how many honorary degrees were conferred in 1897-'98?
No purely honorary degrees are conferred by the University of Tennessee.

(Signed:) Charles W. Dabney
President.

(Date:)August 1, 1898.

STATE COLLEGE OF KENTUCKY,
JAS. K. PATTERSON, PH. D., LL. D., PRESIDENT.

J. W. PRYOR, M. D.,
PROFESSOR OF ANATOMY AND PHYSIOLOGY.

LEXINGTON, KY., April 28th 1902.

President J. K. Patterson.
A. & M. College of Kentucky.
Dear Sir:

I herewith submit a report of the Department of Anatomy and Physiology for the year of 1901-02.

There was a decided increase in number over that of the previous year.

The four classes consisted of fifty nine: fourty four: thirty nine and seventeen respectively, making a total of one hundred and fifty nine.

The work done by these pupils has been satisfactory. I am sure we have maintained a high standard and increased our usefulness.

The Course of Studies leading to the degree of B. S. with Anatomy and Physiology as the Major has proved to be popular.

STATE COLLEGE OF KENTUCKY,
JAS. K. PATTERSON, PH. D., LL. D., PRESIDENT.

J. W. PRYOR, M. D.,
PROFESSOR OF ANATOMY AND PHYSIOLOGY.

LEXINGTON, KY. 190

There were twelve matriculates in this course, although the student body were not familiar with its details and many of them did not know it had been established.

I anticipate a large number of matriculates in this course in the Fall. I am satisfied it will attract a number of prospective Students of Medicine.

The Sanitary condition of the College is good. There has been no sickness in the dormitories, excepting some cases of mumps and a few cases of Measles.

These were promptly isolated and there was no dissemination of the disease.

The good health of the occupants of the dormitories is, to say the least, remarkable.

STATE COLLEGE OF KENTUCKY,

JAS. K. PATTERSON, PH. D., LL. D., PRESIDENT.

J. W. PRYOR, M. D.,
PROFESSOR OF ANATOMY AND PHYSIOLOGY.

LEXINGTON, KY. 190

I would ask that an appropriation of four hundred dollars be made for this department.

This is a little in excess of the amount I have requested in the past.

It will be necessary to purchase some apparatus for the laboratory and I will need more money.

Very Truly Yours,

J. W. Pryor.

Prof. Anatomy and Physiology.

Lexington Ky June 4th 1883

President James K. Patterson;

Dear Sir:

I submit the following report of the number of pupils in my classes during the session which is just about to close; Preparatory, five; Freshman, twelve; Sophomore, thirty; Junior, seventeen; Senior, seven.

Many of my pupils have been very faithful, and some of them have made unusually fine progress.

The weekly reports have proved a fine stimulus to industry and attention.

I take this opportunity to acknowledge my indebtedness to you for your uniform courtesy and unvarying moral support.

Yours

John Shackleford, Prof of Eng. Lit.