

# THE CITADEL

ARCHIVES AND MUSEUM

## ANNUAL REPORT

OF THE

## BOARD OF VISITORS

OF THE

# South Carolina Military Academy

FOR THE

Fiscal Year Ending October 31, 1892,

TO THE

## GENERAL ASSEMBLY

OF THE

STATE OF SOUTH CAROLINA.

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COLUMBIA, S. C.

CHARLES A. CALVO, JR., STATE PRINTER.

1892.

ANNUAL REPORT

BOARD OF VISITORS

South Carolina Military Academy

Annual Report for the year ending October 31, 1902

GENERAL ASSEMBLY

STATE OF SOUTH CAROLINA

WILLIAMS & COMPANY  
PRINTERS

## REPORT OF BOARD OF VISITORS.

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OFFICE OF CHAIRMAN BOARD OF VISITORS,  
SOUTH CAROLINA MILITARY ACADEMY,  
November 7, 1882.

To His Excellency B. R. TILLMAN, Governor:

The Board of Visitors of the South Carolina Military Academy submit their Annual Report, to be by you transmitted to the General Assembly.

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### BOARD OF VISITORS.

GEN. JOHNSON HAGOOD, *Chairman*.....Barnwell, S. C.  
REV. S. B. JONES, D. D.....Columbia, S. C.  
COL. J. P. THOMAS.....Columbia, S. C.  
COL. H. A. GAILLARD.....Winnsboro, S. C.  
MAJ. C. S. GADSDEN.....Charleston, S. C.  
THE GOVERNOR OF THE STATE, (*ex officio*).....Columbia, S. C.  
THE ADJUTANT AND INSPECTOR-GENERAL OF THE  
STATE, (*ex officio*).....Columbia, S. C.  
STATE SUPERINTENDENT OF EDUCATION, (*ex officio*)..Columbia, S. C.  
CHAIRMAN MILITARY COMMITTEE OF THE SENATE,  
(*ex officio*).....Columbia, S. C.  
CHAIRMAN MILITARY COMMITTEE OF THE HOUSE  
OF REPRESENTATIVES, (*ex officio*).....Columbia, S. C.  

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COL. H. A. GAILLARD, *Secretary of the Board*.....Winnsboro, S. C.

ACADEMIC BOARD.

COL. ASBURY COWARD,  
*Superintendent and Professor of Moral and Political Science.*

2ND LIEUT. J. A. TOWERS, 1st Artillery, U. S. A.,  
*Commandant of Cadets and Professor of Military Science and Tactics.*

MAJ. ST. JAMES CUMMINGS,  
*Professor of English Literature and History.*

MAJ. C. L. REESE,  
*Professor of Chemistry and Physics.*

MAJ. R. G. THOMAS,  
*Professor of Mathematics and Engineering.*

CAPT. P. P. MAZYCK,  
*Assistant Professor, in Charge of Modern Languages.*

2ND LIEUT. O. J. BOND,  
*Assistant Professor of Mathematics, and in Charge of Drawing and Bookkeeping.*

2ND LIEUT. J. T. COLEMAN,  
*Assistant Professor of Chemistry and Physics.*

2ND LIEUT. C. E. JOHNSON,  
*Assistant Professor of English Literature and History.*

F. L. PARKER, M. D.,  
*Surgeon.*

1ST LIEUT. W. W. WHITE,  
*Quartermaster.*

## FIRST CLASS.

16 MEMBERS—GRADUATED JULY 8, 1892.

Order of General Merit.	NAMES.	COUNTY.	State.	Class—Pay or Beneficiary.	Age at Date of Admission.	ORDER OF MERIT.									
						Mathematics.	Physics.	Modern Languages.	English.	Drawing & Book'k'g	Elocution.	Military Science.	Conduct.		
*1	A. S. Thomas ..	Richland .....	SC	B	15	1	1	5	3	2	5	1	3		
*2	W. Z. McGee...	Abbeville.....	"	B	16	3	4	3	4	1	1	2	2		
3	G. R. Coffin...	Richmond.....	Ga	P	15	2	3	2	2	5	4	6	1		
4	J. G. Beckwith.	Orangeburg.....	SC	B	15	4	2	1	1	3	3	3	7		
5	A. G. Etheredge	Edgefield.....	"	B	16	5	5	12	6	4	11	5	6		
6	J. F. McElwee.	York .....	"	B	18	9	8	8	10	6	12	10	5		
7	R. I. Hasell....	Charleston.....	"	B	15	6	10	10	7	9	13	8	4		
8	B. W. Andrews.	Orangeburg.....	"	B	16	12	13	6	5	7	2	7	11		
9	H. L. Scaife ...	Union .....	"	B	16	13	14	7	11	15	9	11	8		
10	T. C. Dean....	Spartanburg.....	"	P	16	8	9	11	8	12	14	4	9		
11	P. Brown.....	Sumter.....	"	B	18	10	6	9	13	8	7	9	14		
12	J. G. Padgett..	Colleton .....	"	B	18	7	12	4	9	13	6	13	15		
13	A. S. Manning.	Marion .....	"	B	16	14	11	14	15	10	10	15	12		
14	J. J. Moorer ...	Colleton .....	"	P	16	11	7	12	14	11	15	12	13		
15	A. S. Salley....	Orangeburg.....	"	P	16	15	15	15	12	14	8	14	10		
a	D. Huguenin...	Charleston .....	"	P	15										

NOTE.—(a.) Sick, absent from final examination; *not graded*.

## SECOND CLASS.

19 MEMBERS.

Order of General Merit.	NAMES.	COUNTY.	State.	Class—Pay or Beneficiary.	Age at Date of Admission.	ORDER OF MERIT IN										
						Mathematics.	Physics.	German.	English.	Drawing & Book-k'g	Elocution.	Military Science.	Conduct.			
*1	D. J. Lucas...	Charleston.....	SC	B	15	1	1	2	1	1	1	1	1	1	1	1
*2	J. W. Cantey...	Kershaw.....	"	B	16	5	4	5	2	3	3	1	2			
3	F. S. Wilcox...	Polk.....	NC	P	15	2	2	7	4	2	8	14	7			
4	G. Shanklin...	Oconee.....	SC	B	18	6	3	12	5	4	7	4	6			
5	J. P. Thomas..	Union.....	"	B	15	4	6	4	8	7	12	3	4			
6	R. McC. Perrin.	Abbeville.....	"	B	16	9	5	1	8	3	5	4	10			
7	E. B. Fishburne	Colleton.....	"	P	15	3	7	8	11	5	16	10	5			
8	B. D. Wilson...	Sumter.....	"	B	15	7	11	3	9	13	13	11	10			
9	W. A. Stribling	Spartanburg....	"	B	16	10	8	9	7	9	4	7	9			
10	G. H. Atkinson	Richland.....	"	P	15	12	9	6	6	11	9	12	12			
11	W. B. Gourdin.	Williamsburg....	"	B	17	11	10	11	12	12	11	9	8			
12	J. H. Earle....	Greenville.....	"	P	16	8	12	9	10	9	6	6	14			
13	G. Bowen.....	Anderson.....	"	P	15	13	13	13	13	14	10	8	3			
14	G. L. Dial....	Richland.....	"	P	15	14	14	14	14	6	2	13	13			
<i>a</i>	J. R. Verdier ..	Beaufort.....	"	P	16											
<i>a</i>	W. E. Woodward	Aiken.....	"	B	15											
<i>b</i>	J. L. Mims....	Edgefield.....	"	P	17											
<i>b</i>	I. Harby.....	Sumter.....	"	P	16											
<i>b</i>	J. R. Hart....	York.....	"	P	16											

*a.* Absent from final examination ; *not graded.**b.* Honorably discharged.

## THIRD CLASS.

66 MEMBERS.

Order of General Merit.	NAMES.	COUNTY.	State.	Class—Pay or Beneficiary.	Age at Date of Admission.	ORDER OF MERIT IN						
						Mathematics.	Physics.	French.	English.	Drawing.	Elocution.	Conduct.
*1	O. F. Hunter ..	Barnwell.....	S	C	B 18	2	1	14	5	8	....	3
*2	T. E. L. Lipsey	Chester.....	"		B 17	1	3	10	6	4	....	2
3	E. Babb.....	Laurens.....	"		B 18	5	4	3	3	5	....	10
4	F. W. Gregg....	Florence.....	"		B 17	7	2	6	4	21	....	5
5	G. M. Stackhouse	Marlboro.....	"		B 18	8	11	9	1	25	....	1
6	J. T. West.....	Greenville.....	"		B 18	3	9	13	11	6	....	4
7	W. S. Lee.....	Anderson.....	"		B 18	6	6	20	20	1	....	6
8	C. C. Fishburne	Colleton.....	"		P 15	15	17	4	7	9	....	7
9	W. P. Odom....	Chesterfield.....	"		B 18	9	8	18	10	26	....	24
10	R. L. Hughes..	Hampton.....	"		B 15	4	7	5	15	27	....	28
11	W. P. Witsell..	Colleton.....	"		B 16	14	18	1	2	50	....	11
12	J. E. Peurifoy..	Edgefield.....	"		B 18	10	14	10	9	11	....	16
13	J. W. Rouse...	Hampton.....	"		B 18	12	5	24	14	15	....	34
14	J. G. Johnston.	Newberry.....	"		B 18	20	25	7	8	12	....	12
15	P. E. Hutto...	Lexington.....	"		B 18	12	10	34	22	14	....	25
16	R. H. McMaster	Fairfield.....	"		B 15	17	16	21	16	10	....	39
17	S. P. Anderson.	Charleston.....	"		P 16	18	23	12	17	40	....	27
18	T. C. Stevenson	Chester.....	"		B 17	11	19	37	27	15	....	28
19	D. Kearney....	Charleston.....	"		B 17	16	24	2	31	24	....	35
20	H. E. DePass..	Kershaw.....	"		B 16	22	42	27	13	45	....	7
21	E. H. Jeffords..	Charleston.....	"		P 16	21	28	16	32	28	....	15
22	T. Hinnant....	Fairfield.....	"		B 16	27	22	32	23	32	....	26
23	P. S. Norris....	Edgefield.....	"		B 16	19	13	28	34	3	....	41
24	H. Horlbeck...	Charleston.....	"		P 17	24	35	19	30	22	....	9
25	St. C. Gwynn..	Spartanburg.....	"		B 17	28	12	30	12	31	....	50
26	W. S. Jervey...	Charleston.....	"		P 16	31	34	15	25	34	....	23
27	L. Gregory....	Lancaster.....	"		B 18	30	36	38	19	49	....	12
28	A. C. Baskin...	Sumter.....	"		P 18	26	21	29	21	33	....	42
29	J. G. Law.....	Darlington.....	"		B 18	32	26	41	18	51	....	21
30	W. W. Clement	Berkeley.....	"		B 17	38	29	23	26	19	....	30
31	J. A. Moroso...	Charleston.....	"		B 16	33	30	17	33	36	....	46
32	S. J. DuPré....	Berkeley.....	"		B 16	23	31	42	28	48	....	38
33	G. M. Stuckey .	Sumter.....	"		P 18	34	33	26	29	53	....	32
34	J. J. Burriss...	Anderson.....	"		B 18	29	46	42	40	18	....	17

## THIRD CLASS.—Continued.

66 MEMBERS.

Order of General Merit.	NAMES.	COUNTY.	State.	Class—Pay or Beneficiary.	Age at Date of Admission.	ORDER OF MERIT IN						
						Mathematics.	Physic.	French.	English.	Drawing.	Elocution.	Conduct.
35	D. A. Stevens..	Berkeley .....	S	C	P 16	50	15	48	35	41	....	14
36	P. J. Peterkin..	Orangeburg .....	"		P 19	36	38	49	38	38	....	22
37	B. R. Hiers....	Colleton.....	"		B 18	37	43	31	37	43	....	31
38	J. D. Cozby....	Newberry .....	"		B 17	43	27	33	39	46	....	36
39	E. A. McClellan	Charleston.....	"		P 17	49	32	45	24	54	....	40
40	T. C. Stone....	Greenville.....	"		P 16	25	37	51	53	6	....	36
41	F. L. Parker...	Charleston.....	"		P 15	47	45	22	36	17	....	44
42	A. E. Legaré...	Orangeburg .....	"		P 13	39	47	8	44	23	....	48
43	W. K. Jackson.	Charleston.....	"		P 16	35	40	46	46	2	....	53
44	W. S. Langford	Newberry .....	"		P 16	42	48	35	48	20	....	43
45	W. T. Green....	Richland.....	"		P 16	40	39	47	45	47	....	45
46	J. E. Keith....	Florence .....	"		P 15	45	30	25	42	52	....	52
47	E. L. McIntosh.	Newberry .....	"		P 18	41	51	52	50	29	....	20
48	E. C. Logan...	Spartanburg....	"		P 16	48	49	36	41	37	....	47
49	J. P. Smith....	Berkeley.....	"		B 17	46	41	39	47	35	....	49
50	W. A. Moore....	Richland.....	"		P 16	51	44	44	51	39	....	33
51	E. R. Tompkins	York.....	"		B 15	44	53	40	52	30	....	18
52	C. Matheson...	Alachua .....	Fla		P 16	52	52	50	43	56	....	19
53	R. L. O'Neale..	Richland.....	S	C	P 17	53	50	53	49	42	....	51
<i>a</i>	W. G. Fike....	Laurens .....	"		B 18	....	....	....	....	....	....	....
<i>a</i>	E. L. Ready...	Edgefield.....	"		P 18	....	....	....	....	....	....	....
<i>b</i>	J. L. Barnwell.	Beaufort.....	"		B 16	....	....	....	....	....	....	....
<i>a</i>	W. Jervy....	Charleston.....	"		B 17	....	....	....	....	....	....	....
<i>d</i>	W. M. Reid....	Sumter.....	"		P 16	....	....	....	....	....	....	....
<i>d</i>	R. F. Dukes...	Orangeburg.....	"		P 18	....	....	....	....	....	....	....
<i>e</i>	V. S. Sloan....	Charleston.....	"		P 15	....	....	....	....	....	....	....
<i>c</i>	R. D. Earle....	.....	Fla		P 16	....	....	....	....	....	....	....
<i>e</i>	W. M. Bostick.	Barnwell.....	S	C	P 15	....	....	....	....	....	....	....
<i>c</i>	R. Ellison....	Fairfield.....	"		P 17	....	....	....	....	....	....	....
<i>c</i>	W. D. Ready...	Edgefield.....	"		P 16	....	....	....	....	....	....	....
<i>c</i>	A. C. Caldwell..	Coweta.....	Ga		P 16	....	....	....	....	....	....	....
<i>c</i>	S. R. Elliott...	Beaufort.....	S	C	B 16	....	....	....	....	....	....	....

*a.* Absent from final examination; *not graded.* *b.* Died May 6th.  
*c.* Honorably discharged. *d.* Permitted to retire. *e.* Dismissed.



## FOURTH CLASS.

44 MEMBERS.

Order of General Merit.	NAMES.	COUNTY.	State.	Class—Pay or Beneficiary.	Age at Date of Admission.	ORDER OF MERIT.					
						Mathematics.	Physics.	French.	English.	Elocution and Composition.	Conduct.
*1	Hayne, P. T. ....	Greenville. ....	S C	B	15	1	1	1	1	....	10
*2	Schwecke, H. C. ....	Charleston. ....	"	P	15	2	2	4	2	....	1
3	Reaves, S. W. ....	Marion. ....	"	B	16	3	5	3	3	....	3
4	Levy, A. ....	Richmond. ....	Ga	P	16	4	3	6	4	....	2
5	Green, C. I. ....	Orangeburg. ....	S C	B	18	5	6	8	14	....	6
6	Allison, J. B. ....	York. ....	"	P	18	6	4	18	8	....	4
7	Smith, C. B. ....	Union. ....	"	P	17	10	10	4	5	....	9
8	Harvin, C. R. ....	Clarendon. ....	"	B	17	7	7	10	13	....	14
9	Livingston, J. B. ....	Richland. ....	"	B	17	8	8	9	6	....	20
10	Booth, S. H. ....	Horry. ....	"	B	18	14	19	7	9	....	5
11	Minter, J. E. ....	Laurens. ....	"	P	16	15	12	11	19	....	8
12	Dowling, C. T. ....	Orangeburg. ....	"	P	15	12	16	13	17	....	13
13	Barnes, J. J. F. ....	Aiken. ....	"	B	17	16	13	16	12	....	15
14	Martin, C. ....	Richland. ....	"	P	16	13	15	21	7	....	19
15	Whitner, H. E. ....	Anderson. ....	"	P	17	22	9	11	15	....	12
16	Minus, J. C. ....	Colleton. ....	"	P	16	10	25	14	10	....	30
17	Boggs, R. E. ....	Pickens. ....	"	B	18	20	11	17	18	....	18
18	Harlee, W. C. ....	Marion. ....	"	P	15	9	22	27	11	....	34
19	Lee, R. E. ....	Abbeville. ....	"	P	15	17	26	19	24	....	7
20	Fleming, C. E. ....	Spartanburg. ....	"	P	15	18	18	26	22	....	22
21	Speers, L. C. ....	Newberry. ....	"	P	16	25	17	15	15	....	33
22	Jervey, S. D. ....	Charleston. ....	"	P	15	23	21	2	20	....	32
23	Grausman, P. ....	Wake. ....	N C	P	15	21	24	20	26	....	17
24	Walker, W. M. ....	Cumberland. ....	"	P	15	26	14	24	23	....	26
25	Douglas, H. A. ....	Richland. ....	S C	B	16	29	20	23	21	....	23
26	DeSaussure, H. W. ....	Charleston. ....	"	P	16	24	25	29	25	....	29
27	Read, E. S. ....	Georgetown. ....	"	B	16	28	30	25	27	....	24
28	Mills, R. G. ....	Chester. ....	"	P	16	19	32	35	30	....	11
29	Rollins, C. D. ....	Williamsburg. ....	"	B	16	30	23	28	28	....	35
30	Beaty, S. M. ....	Union. ....	"	P	15	32	27	22	29	....	31
31	Huguenin, C. ....	Charleston. ....	"	P	16	27	34	33	32	....	16
32	Roberts, B. M. ....	Barnwell. ....	"	P	17	31	31	34	31	....	21
33	Schwing, C. F. ....	Greenville. ....	"	P	16	35	29	29	34	....	25
34	Flud, A. S. ....	Sumter. ....	"	P	16	33	33	32	35	....	28

FOURTH CLASS.—*Continued.*

Order of General Merit.	NAMES.	COUNTY.	State.	Class—Pay or Beneficiary.	Age at Date of Admission.	ORDER OF MERIT.					
						Mathematics.	Physics.	French.	English.	Elocution and Composition.	Conduct.
35	Stone, C. B. ....	Greenville.....	S	C	P 16	34	35	31	33	.....	27
<i>d</i>	Wallace, E. R. ....	Union. ....	"		P 16	..	..	..	..	.....	..
<i>a</i>	Spear, F. ....	Abbeville.....	"		B 17	..	..	..	..	.....	..
<i>a</i>	Riley, L. S. ....	Barnwell.....	"		P 16	..	..	..	..	.....	..
<i>a</i>	McElroy, J. C. ....	Greenville.....	"		P 17	..	..	..	..	.....	..
<i>a</i>	Jervey, L. S. ....	Charleston . ....	"		P 16	..	..	..	..	.....	..
<i>b</i>	Ivy, J. M. ....	York.....	"		P 17	..	..	..	..	.....	..
<i>a</i>	Hall, W. P. ....	Charleston. ....	"		P 16	..	..	..	..	.....	..
<i>c</i>	Bond, H. W. ....	Chester.....	"		P 17	..	..	..	..	.....	..

*a.* Honorably discharged.

*b.* Dismissed.

*c.* Expelled.

*d.* Absent from final examination ; *not graded.*

## CONDUCT ROLL—CORPS OF CADETS—144 MEMBERS.

YEAR 1891-92.

Position.	NAME.	Merits.	Demerits.	Position.	NAME.	Merits.	Demerits.
1	Lucas .....	62 $\frac{1}{2}$	.....	42	Minter.....	1 $\frac{1}{2}$	.....
2	Cantey .....	57 $\frac{1}{2}$	.....	44	Tompkins.....	1	.....
3	Bowen .....	51	.....	45	Matheson .....	0	0
3	Stackhouse .....	51	.....	46	Huguenin, D.....		4
5	Lipsey .....	50 $\frac{1}{2}$	.....	47	Ready, E .....		4 $\frac{1}{2}$
6	Coffin .....	50	.....	47	McIntosh .....		4 $\frac{1}{2}$
7	Hunter .....	49 $\frac{1}{2}$	.....	49	Law .....		5 $\frac{1}{2}$
8	McGhee .....	49	.....	49	Allison .....		5 $\frac{1}{2}$
9	Thomas, A .....	47 $\frac{1}{2}$	.....	51	Peterkin.....		11 $\frac{1}{2}$
9	Thomas, J.....	47 $\frac{1}{2}$	.....	52	Jervey, W. S.....		12 $\frac{1}{2}$
11	West.....	47	.....	53	Wilson.....		14 $\frac{1}{2}$
12	Fishburne, E.....	45 $\frac{1}{2}$	.....	54	Hutto .....		15
13	Hasell .....	41	.....	55	Scaife .....		20 $\frac{1}{2}$
14	Gregg.....	33	.....	56	Dean .....		21
15	Lee, W.....	32 $\frac{1}{2}$	.....	57	Smith, C.....		21 $\frac{1}{2}$
16	DePass .....	28 $\frac{1}{2}$	.....	58	Hinnant .....		22 $\frac{1}{2}$
16	Fishburne, C.....	28 $\frac{1}{2}$	.....	59	Anderson.....		23
16	McElwee.....	28 $\frac{1}{2}$	.....	60	Odom .....		24 $\frac{1}{2}$
19	Horlbeck .....	26 $\frac{1}{2}$	.....	61	Hughes .....		29 $\frac{1}{2}$
20	Shanklin.....	26	.....	61	Stevenson .....		29 $\frac{1}{2}$
21	Gourdin.....	23	.....	63	Hayne.....		30
22	Etheredge .....	21 $\frac{1}{2}$	.....	64	Clement .....		30 $\frac{1}{2}$
23	Rabb .....	19	.....	65	Hiers.....		34 $\frac{1}{2}$
24	Schwecke .....	16	.....	66	Jervey, W .....		36 $\frac{1}{2}$
25	Stribling .....	15 $\frac{1}{2}$	.....	67	Mills.....		38 $\frac{1}{2}$
25	Wilcox .....	15 $\frac{1}{2}$	.....	68	Stuckey.....		39
25	Witsell .....	15 $\frac{1}{2}$	.....	69	Whitner .....		43 $\frac{1}{2}$
28	Perrin.....	14 $\frac{1}{2}$	.....	70	Moore .....		44
29	Johnson.....	13	.....	71	Boggs .....		46
29	Levy.....	13	.....	72	Dowling .....		46 $\frac{1}{2}$
29	Gregory.....	13	.....	73	Rouse .....		47
32	Stevens .....	12 $\frac{1}{2}$	.....	74	Earle, J .....		51
33	Reaves.....	9 $\frac{1}{2}$	.....	74	Harvin .....		51
33	Atkinson.....	9 $\frac{1}{2}$	.....	76	Wallace .....		60
35	Beckwith.....	8 $\frac{1}{2}$	.....	77	Kearney .....		60 $\frac{1}{2}$
36	Booth.....	8	.....	78	Cozby .....		61
36	Dial .....	8	.....	78	Stone, T.....		61
38	Jeffords.....	5	.....	80	DuPré.....		61 $\frac{1}{2}$
39	Green, C.....	4 $\frac{1}{2}$	.....	81	McMaster.....		62 $\frac{1}{2}$
40	Peurifoy.....	4	.....	82	Fike .....		63
41	Lee, R.....	3 $\frac{1}{2}$	.....	83	Barnes.....		63 $\frac{1}{2}$
42	Burriss.....	1 $\frac{1}{2}$	.....	84	Verdier.....		64 $\frac{1}{2}$

## CONDUCT ROLL—CORPS OF CADETS—144 MEMBERS.

[Continued.]

YEAR 1891-92.

Position.	NAME.	Merits.	Demerits.	Position.	NAME.	Merits.	Demerits.
85	McClellan .....		71	115	DeSaussure.....		154
86	Salley .....		72	116	Minus .....		154½
87	Huguenin, C.....		79	117	Gwynn.....		159
88	Andrews.....		85	118	O'Neale.....		163½
88	Norris .....		85	119	Keith .....		168½
90	Manning .....		86½	120	Beaty.....		169½
91	Grausman.....		87½	121	Jervey, S. D .....		179½
92	Moorer.....		92	122	Speers.....		192½
93	Baskin.....		97	123	Rollins .....		196
94	Langford.....		98½	124	Harlee .....		200
95	Parker.....		99½		Barnwell .....		
96	Green, W .....		101		Earle, R.....		
97	Moroso.....		104½		Caldwell .....		
98	Brown .....		105½		Dukes .....		
99	Martin.....		106		Ellison .....		
100	Logan .....		107½		Elliott.....		
100	Roberts .....		107½		Harby .....		
102	Padgett .....		109		Hall .....		
103	Livingston .....		111		Jervey, L. S.....		
104	Legare.....		114½		McElroy.....		
105	Fleming.....		121½		Mims.....		
106	Douglas.....		124		Ready, W.....		
107	Walker.....		132		Reid .....		
108	Schwing .....		133½		Riley .....		
109	Read .....		134½		Spear.....		
110	Stone, C.....		139		Ivy .....		
111	Woodward.....		148		Bond .....		
112	Jackson.....		149		Bostick .....		
113	Flud.....		152		McColl .....		
114	Smith, J .....		153		Sloan.....		

NOT GRADED.

## APPOINTEES TO THE S. C. M. A., OCTOBER 1st, 1892.

NAMES.	COUNTIES.	Beneficiary.	Pay.
Anderson, B. M.	Spartanburg		P.
Carmichael, T. M.	Marion	B.	
Carwile, S. W.	Edgefield	B.	
Clyburn, Wm.	Kershaw		P.
Croft, E.	Greenville		P.
Dickson, G. L.	Sumter	B.	
Eaves, J. M.	Barnwell		P.
Fishburne, C. P.	Colleton		P.
Flinn, J. L.	Richland		P.
Fox, Jno.	Lexington		P.
Galvin, J. P.	Charleston		P.
Garris, S. P. J.	Colleton	B.	
Gordon, G. M.	Burke County, Georgia		P.
Garner, W. W.	Darlington		P.
Guess, J. P.	Barnwell		P.
Hill, W. H.	Abbeville	B.	
Holman, F. K.	Sumter		P.
Holmes, W. H.	Charleston		P.
Irby, R. V.	Laurens		P.
Kaminer, H. G.	Richland		P.
Marchant, A. H.	Spartanburg	B.	
Martin, S. M.	Barnwell	B.	
McMaster, P. A.	Richland	B.	
Murphy, R. G.	Union	B.	
Matthews, J. S.	Barnwell		P.
Rigby, J. W.	Clarendon		P.
Rogers, E. J.	Abbeville	B.	
Salley, N. M.	Orangeburg	B.	
Smith, D. P.	Spartanburg		P.
Stone, C. R.	Greenville		P.
Wilcox, E. C.	Polk County, N. C.		P.
Wiley, Sam.	Charleston		P.
Wilson, G. L.	Oconee		P.
*Fishburne, C. C.	Charleston	B.	
*Allison, J. B.	York	B.	

BATTALION ORGANIZATION OF THE SOUTH CAROLINA  
MILITARY ACADEMY.

*For the Year 1892-93.*

STAFF.

LT. AND ADJUTANT—PERRIN.    LT. AND QUART'M'TER—LUCAS.  
SERG'T-MAJOR—DEPASS.    Q'T'M'R-SERG'T—STACKHOUSE.

COMPANY OFFICERS.

*Company "A."*

Captain,  
CANTEY.

Lieutenants,  
EARLE,  
FISHBURNE, E.  
WILCOX.  
STRIBLING.

1st Sergeant,  
LIPSEY.

Sergeants,  
MATHESON.  
PETERKIN.  
HORLBECK.  
JOHNTON.  
COZBY.  
STEVENSON.

Corporals,  
ALLISON.  
HARVIN.  
MINTER.  
SMITH C.  
LEE, R.  
BOOTH.  
BOGGS.  
HUGUENIN.

*Company "B."*

Captain,  
BROWN.

Lieutenants,  
THOMAS.  
DIAL.  
SHANKLIN.  
GOURDIN.

1st Sergeant,  
WEST.

Sergeants,  
BURRIS.  
LEE, W.  
MCINTOSH.  
ANDERSON.  
GREGG.  
TOMPKINS.

Corporals,  
WHITNER.  
HAYNE.  
MILLS.  
LIVINGSTON.  
GREEN, C.  
LEVY.  
DOWLING.  
SCHWECKE.

## COURSES OF INSTRUCTION.

The branches of study taught at the South Carolina Military Academy are grouped under the following departments :

1. *Mathematics and Engineering*.—Comprising Algebra, Geometry, Trigonometry, Surveying, Descriptive Geometry, Analytical Geometry, Calculus, Military Engineering, Civil Engineering, Drawing, Book-keeping.

2. *Physical Science*.—Comprising Physical Geography, Physiology and Hygiene, Natural Philosophy, Chemistry, Mechanics, Mineralogy, Geology, Astronomy.

3. *History, Belles-Lettres and Ethics*.—Comprising English Grammar, History of England, General History, English Literature, Rhetoric, Logic, Mental and Moral Philosophy, Political Economy, Constitutional Law, Elocution and Composition.

4. *Modern Languages*.—Comprising usual course in French and German.

5. *Military Science and Tactics*.—Comprising principles of Military Science and their application to the Art of War; and the Tactics of the three Arms of the Service.

## ORDER OF STUDIES.

## FOURTH CLASS.

*First Term*.—Algebra.

Physical Geography.

English Grammar.

French.

*Second Term*.—Algebra (completed).

Physiology and Hygiene.

History of England.

French.

Declamation and Composition.

## THIRD CLASS.

*First Term*.—Geometry.

Plane and Spherical Trigonometry.

Surveying.

Physics.

Outlines of General History and Lectures.

French.

Drawing.

*Second Term.*—Surveying—Field Work with Instruments—completed.  
 Descriptive Geometry—Shades and Shadows, &c.  
 Physics (continued).  
 Rhetoric.  
 Logic.  
 French.  
 Drawing.  
 Declamation and Composition.

## SECOND CLASS.

*First Term.*—Analytical Geometry.  
 Chemistry—Inorganic.  
 English Literature and Lectures.  
 German.  
 Drawing.

*Second Term.*—Calculus, with Philosophy of Mathematics.  
 Chemistry—Organic.  
 Chemistry—Agricultural.  
 Mental Philosophy.  
 German.  
 Drawing.  
 Elocution and Essays.  
 Tactics.

## FIRST CLASS.

*First Term.*—Civil Engineering.  
 Mechanics.  
 Mineralogy.  
 Moral Philosophy and Lectures on Ethics.  
 German.  
 Drawing.  
 Military Law and Procedure of Courts Martial.

*Second Term.*—Civil and Military Engineering.  
 Astronomy.  
 Geology.  
 Political Economy and Lectures.  
 Constitutional Law and Lectures.  
 German.  
 Bookkeeping.  
 Elocution and Essays.  
 Art and Science of War.



### CHANGES IN BOARD OF VISITORS.

In pursuance of the recommendation made in the last Report of the Board of Visitors, the General Assembly has enlarged its membership by adding thereto the respective Chairmen of the Committees on the Military in each House and the Superintendent of Education. It was believed that the interest of the Academy would be subserved in thus having at all times upon the floor of each House a member of the Board, who, being fully informed, could promptly and officially answer all inquiries made and meet any explanations required as to the management of the Academy. The presence of the Superintendent of Education upon the Board connects the Military Academy more completely with the general school system of the State and gives a member whose counsel will be valuable.

As now constituted the Board consists of five members appointed by the Governor, who serve *dum bene quaserit*, and five members who are biennially elected directly by the people. It is thought the stability and consistency of management so essential to the success of a military school is thus retained, while contact and sympathy with the popular sentiment upon which the maintenance and usefulness of the institution depends is better secured. During the past year Col. John P. Thomas, a distinguished graduate of the Academy, was appointed by his Excellency the Governor a member of the Board in place of Col. Edward Croft, recently deceased.

### THE DEATH OF COL. CROFT.

Col. Croft had served his State well both in peace and in war and was endeared to every member of the Board by ties of close personal friendship. The following extract from the memorial tribute spread upon the minutes expresses their appreciation of his loss :

“In the providence of God, we find the seat of our friend and brother member of the Board, Col. Edward Croft of Greenville, vacated by death. In him the South Carolina Military Academy has lost an able friend and ardent supporter, and this Board a wise counselor—true as steel to his convictions of duty, and always as courteous as he was brave and manly.”

### FIRE AT THE CITADEL.

About 10 o'clock A. M., on the 14th March, the South front of the Citadel main building was discovered to be on fire in the attic span above the South sallyport. Although the force of the City Fire Depart-

ment was promptly assembled, the fire, owing to the open character of the under roof span and the difficulty of reaching it, rapidly extended through the entire roof, and burning downward reached the floor of the second story before it was completely extinguished. The denseness of the smoke in the quadrangle and the early falling of the uppermost ceiling prevented the saving of any considerable amount of property in the third story. Most of the Cadets were in the class rooms in the East wing when the fire was discovered; consequently few of them occupying rooms on the third floor were able to reach their rooms to save their effects. The risk of life was too great to warrant any organized effort to that end, and efforts at saving were confined to the lower stories.

Several armories of the city military companies were promptly tendered the Superintendent for the purpose of quartering the Cadets. Dr. A. Toomer Porter offered to accommodate 125 Cadets at the Porter Academy, and many citizens offered shelter amply sufficient in the aggregate. The Trustees of the Roper Hospital, which had been empty since its refitting after the earthquake, tendered its use, and this was accepted. By night the corps moved into its new quarters. The use of the class rooms of the Medical College and of the basement of the disused Marine Hospital, both adjoining the Roper Hospital, were also kindly given. Academic exercises were resumed without a break and the work of the session completed.

The Superintendent reported that "The cheerful alacrity and fortitude with which all under my" (his) "command have borne the fatigues, inconveniences and losses incident to this great disaster have filled me with pride and encouragement. An institution whose system of training qualifies it to bear such a strenuous pressure of misfortune as ours has just undergone, without even an appearance of strain in its morale and discipline, is one which the State should be proud to cherish."

#### LOSSES.

The personal loss of the Cadets in the aggregate was estimated at about \$1,600. A few days thereafter the City Council of Charleston generously transmitted to the Superintendent a check for \$500 to be applied toward the restoration of this loss, and the remainder was met by a prompt yet delicately tendered expression of womanly sympathy on the part of "Lady Friends of the Cadets" in the city. The sum of \$1,094.45 was placed by them in bank to the credit of the Superintendent to be applied to this purpose.

The loss upon the building was covered by insurance.

The loss upon academic property belonging to the State was partially covered.

The arms and equipment lost were not insured. These were the property of the United States, for the safe custody and return of which the State is responsible. A measure has been introduced into the Congress to relieve the State in the matter of this unavoidable loss. Since the fire the armament is kept covered by adequate insurance.

### RECONSTRUCTION.

Notified by telegraph, the Executive Committee, consisting of the Chairman, the Rev. Dr. Jones and Major C. S. Gadsden, arrived while the ruins were still smouldering. Impressed and touched by the exhibition of public sentiment which met them, they invited to their assistance from among the many friends of the Academy in Charleston a committee of gentlemen to take into consideration the entire situation—on the one hand to direct the stream of sympathy into useful channels, and on the other to unite the several insurance companies on the most practicable plan for the restoration of the Citadel. These gentlemen were :

HON. JOHN F. FICKEN, Mayor.

HON. WM. A. COURTENAY.

GEN. T. A. HUGUENIN.

COL. JOSEPH W. BARNWELL.

CAPT. B. F. McCABE.

They cheerfully responded, and to their earnest and influential work much of the happy result is to be attributed.

On finding that the fire had not caused a total loss of the insurance on the main building, the various insurance companies claimed the option under the policies to replace the building in its former condition. The adjusters accepted the bid of Mr. Henry Oliver to do this for \$16,228.00. On the part of the State, Governor Tillman consented to this plan of repairs, and appointed Major Gadsden, the resident member of the Board, his agent to receive from the insurance companies and pay over to the contractor, as the work progressed under the agent's supervision, the amount of the contract.

The fire, however, had shown the necessity for division walls in the under roof spans, as well as some rearrangements of the stairways. There were minor changes which would add to the convenience of the building. On learning this, the City Council made a further donation of \$1,500.00, which, supplemented by \$346.00 from the small balance of the Federal fund remaining in the hands of the Board, was sufficient for the purpose.

The restoration of the building was promptly and satisfactorily made, and the Cadets resumed its occupation at the opening of the present session, on the 1st October last.

#### RELATION TO THE FEDERAL GOVERNMENT.

The Board have now fully conformed to the requirements of Federal legislation upon the subject of aid from the General Government to military schools, and the Academy is in the enjoyment of its advantages.

These are :

1. The detail of an officer of the army as Military Instructor and Commandant of Cadets.
2. The issue of necessary arms and ordnance stores and of ammunition for practice.

The names of the two most distinguished Cadets of each class are also annually published in the United States Army Register, and inspection of the school in its military feature is periodically made by the War Department.

The report of Colonel Lawton, Inspector-General, made on 16th May last, is subjoined, and attention to it respectfully called.

#### FINANCES.

The expenditure per Cadet has been, as heretofore, \$300.00 per annum. The usual appropriation of \$20,000.00 for the "free education and maintenance" of the Beneficiary Cadets, provided for by law, is asked. It will be seen by the Report of the Superintendent and Quartermaster that a further appropriation of \$2,053.61 is necessary to replace State property (furniture, &c.) destroyed by the fire and not covered by insurance, and to cover the extra expenses of removal to and occupation of the Roper Hospital, as well as the reinsurance which has been taken out. The Superintendent's Annual Report of Expenditures is appended; also the Chairman's account with the remainder of the Federal fund. Vouchers have been filed with the Comptroller-General.

#### ACCOMPANYING PAPERS.

1. Reports of Superintendent and Professors.
2. Report of Colonel Lawton, Inspector-General U. S. A.
3. Superintendent's Report of Annual Receipts and Disbursements.
4. Quartermaster's Report of Losses of State Property not covered by Insurance.

5. Chairman's account with remainder of Federal Fund.
6. Letter from Hon. W. H. Brawley, M. C.
7. Report of Major C. S. Gadsden—Reconstruction.
8. Extracts from Minutes Board of Visitors.

### CONCLUSION.

The South Carolina Military Academy is now closing the fiftieth year of its existence. Its contribution during this period to the welfare and to the history of the State is recognized; it is gratifying to call attention to its promise of further usefulness.

Out of the apparent calamity of the recent fire has come a thorough and complete renovation of the building, with improvements added. So far as this appliance goes, the Academy was never in better condition.

A Superintendent distinguished in his previous career and thoroughly efficient in his office has charge of its fortunes. The Academic staff are able and zealous: and at the recent examination it was a pleasure to the Board to witness the result of their labors in the scholarly proficiency of the Cadets.

Of its military feature the Inspector-General of the Army says: "This is one of the oldest and best known military institutions of the South;" and of its military exercises: "These were all of the first order and satisfactory." Of the deportment of the Cadets, they have earned "the high regard and esteem of the Mayor and Aldermen of the city of Charleston," who have been pleased to put upon the public records of the city not only their appreciation of the discipline and manly bearing of the Cadets while at the Academy, but also the further and noteworthy fact that "for two generations the Citadel Academy has been filled by young men from every County in our State, and it is worthy of record that in all that time there has never been known a single instance of unbecoming or ungentlemanly conduct on their part while free from the restraints of the barracks. In many of the great colleges of our land the high spirit and boisterous pranks of youth have frequently brought the students into collision with the citizens and civil authorities. This has never happened with the South Carolina Cadets."

This is attributed by the Council to the influence of military discipline, when the standard of reference is to what becomes the "soldier and the gentleman." But those of us who were subjected to the same influences as the present Cadets know how much is to be attributed to the atmosphere of a cultivated and refined community, in which *noblesse oblige* is a watchword.

Of these young men, fully one-half are of those who are unable from

their own means to defray the expenses of the school. From the benefaction of the State they receive a liberal education and a high moral and physical training. It is a wise beneficence. The citizenship of the State receives directly a not inconsiderable addition to its number who are qualified for its highest duties, and indirectly the teachings of the Citadel are widely diffused.

For two years after his graduation the Beneficiary Cadet, by his matriculation engagement, serves in the common schools of the State. This obligation to his nursing mother, with rare exceptions, is honestly discharged. It is taught in the Academy, and enforced by its sentiment, that this return for benefits received is the first duty of life which confronts the graduate, and that its discharge is sacred.

JOHNSON HAGOOD, Chairman.

# SUPERINTENDENT'S REPORT.

CITADEL, CHARLESTON, S. C., July 5, 1892.

*To the Board of Visitors of the South Carolina Military Academy :*

## ENROLLMENT.

The total enrollment of Cadets for the academic year now drawing to a close is as follows :

State Cadets.....	68
Pay Cadets.....	76
	—
Total.....	144

The number at present on the roll :

State Cadets.....	64
Pay Cadets.....	61
	—
Total.....	125
Total Casualties.....	19

The casualties are thus accounted for :

By death.....	1
By honorable discharge.....	12
By dismissal.....	3
By permitted retirement.....	2
By expulsion.....	1
	—
Total.....	19

Of these, four (4) were State Cadets, namely :

J. L. Barnwell, of Beaufort.....	Died.
S. R. Elliott, of Beaufort.....	Honorably discharged.
Fulton Spear, of Abbeville.....	Honorably discharged.
W. M. Bostick, of Barnwell.....	Dismissed.

In the graduating class, eleven (11) are State Cadets, namely :

A. S. Thomas.....	Richland.
J. G. Beckwith.....	Orangeburg.
B. W. Andrews.....	Orangeburg.
R. I. Hasell.....	Charleston.

J. F. McElwee.....	York.
H. L. Scaife.....	Union.
P. Brown.....	Sumter.
J. G. Padgett.....	Colleton.
A. G. Etheredge.....	Edgefield.
A. S. Manning.....	Marion.
W. Z. McGhee.....	Abbeville.

## VACANCIES.

The vacancies to be filled are therefore :

Abbeville.....	2
Barnwell.....	1
Beaufort.....	2
Charleston.....	1
Colleton.....	1
Edgefield.....	1
Marion.....	1
Orangeburg.....	2
Richland.....	1
Sumter.....	1
Union.....	1
York.....	1
	—
Total.....	15

## HEALTH.

From the latter part of December to the middle of March we had quite a number of cases of La Grippe, but only one very serious case of illness. This was a case of facial erysipelas, which, however, made a good recovery. Just after the burning of the Citadel and our change of quarters, the German measles became epidemic in the city and a large number of Cadets were affected by it. The disease was, however, of a very mild type; but with the preceding epidemic doubtless had much to do with the serious cases of continued fever which ensued in April and May. These cases are as follows :

E. L. Ready, "P." Cadet, 3d Class, Edgefield County. Sent home April 27th; now convalescent, but his attending physician advised against his return to duty this session.

W. G. Fike, "B." Cadet, 3d Class, Laurens County. Sent home April 28th; returned; remained two weeks, but looked so badly that the Surgeon advised his going back home to escape a relapse. His physician advises against his return to duty this session.



J. L. Barnwell, "B." Cadet, 3d Class, Beaufort County. Sent home April 23d; died two weeks after.

W. K. Jackson, "P." Cadet, 3d Class, Charleston County. Sent home; made good recovery, and is now on duty.

D. Huguenin, "P." Cadet, 1st Class, Charleston County. Sent home May 14th; is still dangerously ill.

E. R. Wallace, "P." Cadet, 4th Class, Union County. Having had fever three or four days, was furloughed on June 26th; but his case has not developed into one of typhoid fever.

W. Jervy, "B." Cadet, 3d Class, Charleston County. By a strange accident broke his thigh bone May 3d, and is still at home unfit for duty.

The occurrence of the above cited cases of fever and the lamentable death of young Barnwell naturally gave rise to much uneasiness, and some very exaggerated reports were put in circulation. In view of this, I beg to make the following statement: As soon as the Cadets were moved into the quarters at the Roper Hospital, which had not been occupied since the earthquake, except by the keeper and his family, I gave attention to the hygienic environments of the premises. Much of the plumbing work had to be repaired and the sewage drains to be cleaned out and repaired and altered. Water closet facilities had to be increased and a large quantity of detritus and filth accumulations had to be removed from the Marine Hospital premises. All this was immediately taken in hand, and a liberal and continuous use of disinfectants and all proper prophylactic measures have been taken. The cleansing and disinfecting of the vaults was done during the first week of our removal and while the weather was still cool enough to require the building to be artificially heated day and night. From that time to the present I have insisted on a lavish use of whitewash, chloride of lime, bi-chloride of mercury and permanganate of potash in the drains, water-pipes, rooms and yards. The cistern at the Roper Hospital is quite small, and under the heavy draft upon it during dry weather in the months of April and May it was necessary to replenish it with water from the large cisterns at the Citadel. This large cistern, as you know, has been isolated from all possible contamination. It was filled with Winter water, and at the time of the fire was shut off from the roof drainage, consequently it received none of the hydrant water used in extinguishing the fire. The two small cisterns were not shut off, and the water in them was strongly charged with lye and creosote, and was therefore not used. The water in the large cistern was and is pure and sweet.

The fact that between forty and sixty workmen employed in

reconstructing the Citadel have constantly and freely used this water since the 1st of April and no fever or sickness of any kind has been developed among them, seems to me conclusive as to the innocuousness of the water. Every Academic officer, except Capt. Mazyck and Lieut. White, has been sick to some extent this Spring, and Lieut. Johnson is the only one of the number who used this water. I think, therefore, that the cause of the fever must be looked for elsewhere than in the local surroundings of Roper Hospital and the use of the Citadel water supplied to the Cadets.

The prevalence of La Grippe and the German measles, followed by the drought in April, which permitted the atmosphere to become loaded with organic dust, furnished, it seems to me, all the conditions necessary for the development of the fever among the Cadets and among many citizens in the community. It may not be improper to add: Mr. Hard, the keeper of Roper Hospital, and his family of seven persons in all, who have occupied this building for several years, and since our coming have been in circumscribed quarters, have had no fever, although subject to the same local conditions and using the same water as the Cadets.

#### INSURANCE AND LOSSES.

All insurance claims have been fully paid into the hands of Maj. C. S. Gadsden as attorney for the Governor. In my report to the Chairman the loss on Academic books was estimated at \$476.49, the invoice bills being used as data, and the loss on library books was estimated at \$300, the catalogue of publishers being used for prices. Making allowance for the worn condition of many of the former, some of which had been in use for several years, the first amount was reduced to \$386.80, and a bid to duplicate the lost library books for \$213.20 was made by a responsible New York dealer. Consequently, the claim on the National Insurance Company for furniture and books was satisfactorily settled as follows:

On furniture, cash.....	\$ 950 00
On furniture damaged, bought in by Q. M.	50 00
On text books.....	386 80
On library books.....	213 20

\$1,600 00

Received from Maj. Gadsden:

Cash.....	\$1,336 80
Damaged furniture.	50 00
	<u>\$1,386 80</u>

Balance in Maj. Gadsden's hands for library books.... \$213 20

## PRESENT STATUS OF INSURANCE POLICIES.

The policies on the Academic furniture and on the Academic text books have been exhausted and the policies have been surrendered. The policies on the Laboratory, on the Library and on the two wings of the Citadel are in full force, but over 50 per cent. of the insurance on the main building has been paid in to cover loss. It will be necessary to have the furniture, text books and the main building protected by new insurance. As the policies were written to cover both the wings and the main building, it will be best to surrender the present policies upon the return premium allowance for unexpired time and take out new policies.

This will make the premium and renewal dates the same. I have requested the agents to make the necessary calculations to effect these changes, and I shall submit their estimates to you as soon as I receive them. The loss on physical apparatus, amounting to \$78.17, was not recovered, because the articles lost were not, at the time of the fire, in the Laboratory described in the policy, but were in the class-room of the Assistant Professor of Physics, located in the basement of the main building. I would respectfully recommend that a part of the unexpended balance of Library fund be used to replace this loss.

## INSURANCE ON ARMS.

In connection with the subject of insurance, I have to report that in compliance with the letter from the Ordnance Officer United States, herewith submitted, (enclosure marked "A,") I secured a policy on the ordnance and ordnance stores issued to the Academy by the War Department, covering for one year the amount of \$4,300, through the agency of Messrs. Pelzer & Robertson, Charleston, S. C.

## DONATIONS FOR BENEFIT OF CADETS.

Since my report to the Chairman, dated March 23d, the amount given by the "Lady Friends of the Cadets," for replenishing the wardrobes of Cadets, was increased to \$1,094.45. On the 30th of April I received from his Honor the Mayor of Charleston the enclosed letter, (marked "B,") accompanied by a check for \$500. Of this amount \$427 were applied to replacing drawing instruments of Cadets destroyed by the fire, and the remainder was applied to their clothing account. My acknowledgment of the receipt of this donation will be found appended to enclosure "B."

## ACADEMIC WORK.

I have this year confined myself to the work prescribed by the Regulations, with the exception of *pro re nata* lectures on subjects of the text books used in moral and political science, and also lectures on pedagogy, mainly for the benefit of the State Cadets, who are under obligations to teach in the "Free Public Schools of the State." The class as a whole has accomplished the work in a fairly satisfactory manner, but some of its members have shown in the last half of the year considerable irregularity in the preparation of the text book matter. I believe this lack of assiduity to be due to conviction on the part of these members that the aggregate marks on all their studies would give a sufficient margin above the minimum to render such negligence free from danger.

I submit herewith the reports of the Professors as to the work done in their several departments (packet marked "C"). I enclose also the record of the First Class for the full course, and upon which they were graded for graduation (enclosure "D"). The grades of the other classes will be given in the Annual Register.

## DEBATING SOCIETIES AND Y. M. C. A.

The two debating societies have kept up their weekly meetings with becoming spirit, and the Y. M. C. A. has held its meetings twice a week, with Bible lessons on Sunday mornings. The membership numbers 79—of which 35 are active and 44 associate members. I regard the existence and work of this Association as of very high value to the Academy, and that it would be wise to give it encouragement by setting apart a room for its regular use. A definite recommendation for this purpose will be submitted by me at your annual meeting next November.

The report of the finances of the institution will be submitted at your annual meeting in November.

Very respectfully, your obedient servant,

ASBURY COWARD,  
Superintendent.

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CITADEL, November 1st, 1892.

To the Board of Visitors of the South Carolina Military Academy.

GENTLEMEN: I have the honor to submit the following report for the period elapsed since the commencement exercises of the Academy, July 8th, 1892.

On Saturday, the 9th of July, the corps was transported to Sullivan's Island, where a camp had been laid out and prepared by the Quartermaster, under my direction, on the U. S. Reservation in

the rear of Fort Moultrie, the use of which had been kindly granted by the Secretary of War. The next day, Sunday, the island was visited by a violent rain storm, which so flooded the grounds as to necessitate several days' work to ditch and dry them out. This work, and the instruction of the Cadets in the duties of camp guard and police, occupied the greater part of the first week. The second week was spent in such exercises in the extended order drill and target practice as the weather, which was persistently bad, would permit. The disadvantages of going on an encampment with all the Cadet officers newly promoted and appointed were seriously felt, and I beg to emphasize the recommendation previously made by the Commandant of Cadets and myself that the encampment take place before commencement day. I am glad to state that no accident happened to any of the Cadets during the encampment, and that, notwithstanding the inclemency of the weather, they had no serious sickness, and several who seemed somewhat run down at the close of the Academic session recuperated fully before the camp was broken. The corps was brought back to quarters at Roper Hospital on the afternoon of July 23d, and furloughed from the morning of the 23d to noon, October 1st.

On the 1st of October we had the happiness of resuming our work in the restored Citadel.

The enrollment was as follows :

On the roll after commencement.....	109	
Honorably discharged since commencement.....	2	
Absent without leave.....	3	5
<b>Total</b> .....		<b>104</b>
Recruits.....		33
<b>Total enrollment</b> .....		<b>137</b>
Total enrollment.....		137
*Absent, sick.....	1	
Under suspension (McColl).....	1	2
<b>Present for duty</b> .....		<b>135</b>
*Cadet W. Jervey.....		
Beneficiary Cadets enrolled.....		66
Pay Cadets enrolled.....		71
<b>Total</b> .....		<b>137</b>

Scheme of recitations.

Battalion organization.

The work of the new Academic year has begun without friction anywhere, and has progressed thus far with highly satisfactory smoothness and regularity. There are a few minor matters of incompleteness and defects in the building, which will be soon remedied, either by the contractor or the Quartermaster. It is highly desirable that the wings of the building be color-washed, to correspond in tint with the main building. The cost of this work would be about \$250.00. As a large part of the insurance on the buildings was exhausted by the rebuilding of the burnt part, it was deemed advisable to reinsure the whole for the original amount. The return premium was calculated, and all the old policies were surrendered for new ones, amounting to the original amount, \$37,500.00, distributed as follows :

On main building.....	\$23,500 00
On the two wings, each \$7,000.....	14,000 00
	<u>\$37,500 00</u>

The new insurance is for three years, beginning August 1st, 1892, and the additional premium paid out of Academic fund amounted to \$333.18.

As required by circular letter from the War Department, I have had the ordnance and ordnance stores issued to the Academy by the United States Government insured to the amount of \$4,300, for one year from May 9th, 1892, at the premium cost of \$35.53.

The Academic furniture and text books have not yet been insured, because until now the deficiencies had not been fully supplied. They ought now to be insured to the amount of \$2,500 for three years. The premium to effect this will be \$42.50. I respectfully recommend that the Legislature be asked to provide by special appropriation for the amount of these premiums and unprovided for losses sustained by the fire and for the color-washing of the two wings. As shown by accompanying Statement (1), the amount required would be \$2,053.61.

In conclusion, I would respectfully urge that the Board take into consideration at this meeting the effect of the change made in the Regulations (Par. 46) at the last annual meeting, as brought to its attention in the reports made by myself and other members of the Faculty last June.

Very respectfully,

ASBURY COWARD,  
Superintendent.

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## Report of the Professor of Military Science and Tactics.

SOUTH CAROLINA MILITARY ACADEMY, July 3d, 1892.

*The Superintendent South Carolina Military Academy.*

SIR: I have the honor to report that the work of the Department of Military Science and Tactics for the past year has been as required by the Regulations.

I desire to call attention to the unsatisfactory work of the First Class since the standard required of them has been lowered.

Very respectfully, your obedient servant,

JOHN A. TOWERS,  
Second Lieut. First Artillery,  
Professor Military Science and Tactics.

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## Report of the Professor of Mathematics and Engineering.

THE CITADEL,

CHARLESTON, S. C., July 4th, 1892.

COL. ASBURY COWARD, *Superintendent.*

SIR: In accordance with your instructions, I have the honor to make the following report for the Department of Mathematics and Engineering.

The 4th Class has been instructed in Algebra by Lieut. Johnson, whose report is herewith transmitted.

The 3d Class have completed the course in Plane and Solid Geometry, Plane and Spherical Trigonometry and Surveying.

Two sections of this Class were instructed by me ; the other two sections were in charge of Lieut. Bond, whose report is forwarded. In connection with surveying the members of the Class have been taught by actual experience how to use and adjust the transit and level. It is proposed to give them some field work during the approaching encampment.

The 2d Class have been employed under my charge upon Analytical Geometry and upon the Calculus.

The 1st Class has been instructed by me in Analytic Mechanics and in Applied Mechanics. This is the course in civil engineering proper, and much attention is given to the principles and methods used in the determination of the stability of bridges, roofs, arches, dams and other structures and to the proper designing of such structures. The Calculus is used to advantage in the treatment of many questions in this course. I consider the 1st Class course of importance even to those students who do not expect to become civil engineers. Apart from the mental training involved the student is enabled to see the great utility of the higher mathematics in solving questions of practical importance. The erroneous impression that the higher branches of mathematics are valuable only as mental gymnastics is removed when it is found what a powerful instrument the Calculus is in unlocking the secrets of nature.

It is obvious that the student who has failed to accomplish the established course in pure mathematics is in no condition to appreciate and accomplish this advanced course.

Under present conditions, however, it happens that such a student is, nevertheless, advanced and required to undertake this course.

Unless by extra effort he recovers lost ground, his failure is almost inevitable. If, however, he has done fairly well in one or two other departments, he is by the standard now in force not debarred from receiving the Diploma of the Academy.

In my opinion, the Diploma should be conferred only on those who accomplish the studies of each and every department. In cases where the student is unable to do this, or where he must leave the Academy before he has done so, a certificate of graduation might be given in those departments the studies of which he has satisfactorily accomplished.

A distinction should be made at graduation between those students who have accomplished the whole course and those who have only

partially done so. In my opinion, the relaxing of the requirements for advancement from one class to another has had no effect upon those who have a proper sense of their duty, or who are imbued with the desire to excel. With some, however, one incentive to effort, the fear of failure, has been removed.

In response to your request, I have freely expressed my views.

I am, very respectfully, your obedient servant,

ROBERT G. THOMAS,  
Professor Mathematics and Engineering.

CITADEL, CHARLESTON, S. C., July 4th, 1892.

MAJOR R. G. THOMAS, *Professor Mathematics and Engineering.*

DEAR SIR: I have the honor to submit the following report of the work done by the 3d and 4th sections of the Third Class during the last term in Mathematics.

The first month was devoted to Spherical Trigonometry. Since then they have recited daily in Davies' Surveying. The mathematical instruments of the department have been little used, but it is expected that some field work will be done during the encampment. The limits of the Academy grounds do not admit of much practical work, but if it is desired that special emphasis be laid on this, no doubt arrangements can be made to exercise the class more fully in the use of instruments by actual work in the field during the session within the limits of the city.

Comparing the work done by this class with that done last year, I would give as my opinion that the question of standard, whether high or low, has very little, if any, effect upon the work and attainments of the upper half of the class. In the lower half there are some whose only motive to work has been removed, and the deterioration of these is plainly evidenced by the marks they have made. In Mathematics, especially where the knowledge of one book is so essential to a comprehension of the next higher, some requirements seem absolutely necessary; but under the present rule a student may systematically and *entirely* ignore one subject and yet be advanced to the next class. This is a question of vital importance, and has occupied, of course, the best thought of the Board of Visitors.

My remarks are made in that frankness which I esteem the Board desires from each instructor, in order that it may have all the information possible before it. It would be better, in my opinion, to have



some requirements in Mathematics, say 50 or 60% for advancement, or else make the higher books in that subject elective.

Respectfully,

O. J. BOND,  
Assistant Professor Mathematics.

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AT THE CITADEL,  
CHARLESTON, S. C., July 5th, 1892.

MAJOR R. G. THOMAS, *Professor Mathematics,*  
*S. C. Military Academy, Charleston, S. C.*

DEAR SIR: I have the honor to report that the Fourth Class has, under my instruction, completed the course in Mathematics prescribed by the Regulations, and that as to the majority of the class the progress made has been satisfactory.

This being my first year, I am unable to say whether or not the progress made compares favorably with that of former years.

Very respectfully,

C. EDWARD JOHNSON.

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## Report of the Professor of Chemistry and Physics.

SOUTH CAROLINA MILITARY ACADEMY,  
July 4th, 1892.

*Col. Asbury Coward.*

SIR: I have the honor to submit the following report on the work done in the Department of Chemistry and Physics during the academic year just closing. The work in the entire department has been carried on as laid down in the Regulations, but, I am sorry to say, with very unsatisfactory results, owing to a number of causes.

In the first place, from the loss of time and use of the laboratory and equipment, caused by the fire, which drove us from our quarters; secondly, from the great inequality in the size of the classes, which made it necessary for me to take personal charge of the Fourth Class, in addition to the work which I have carried on in previous years; and thirdly, from the change in the Regulations as to the requirement for graduation and promotion. The effect of this change on the First or

graduating class has been most grievous and pronounced; on the Second, less so, but still quite evident; and on the Fourth I am not able to say, as I have never before taught a fourth class with which to compare this one.

I have been compelled to give more daily marks of zero to members of the First Class since the semi-annual examination, when the Cadets became aware of the import of the change in requirements, than I have during the whole time previous that I have been connected with the institution. The effect of the change has not been a direct one on the members of better standing in the classes, but it has had a decided indirect effect on them in the way of a general demoralization.

It is a well known fact that in every school there is a certain percentage of students whose only desire is *to get through*, and their degree of proficiency is quite accurately measured by the requirement for promotion or graduation. Now, under the present requirements, it is possible for a Cadet to fail to reach the requirements, nine points out of fifteen in five departments, and still receive his diploma. He can fail very badly in two; in fact, do absolutely nothing in two, such as Physics and Mathematics, and still receive his diploma. Really I do not see how a Cadet can fail to receive his diploma unless he makes up his mind to do so.

The demoralizing effect of the presence of a number of such students in a class is evident. It is not only a demoralizing influence on the better students, but also on the instructor, and the presence of such indifferent persons in a class uses up much valuable time, which could be profitably utilized for the benefit of those whose aim is to do well.

I wish to call to the attention of the Superintendent again some facts mentioned in my report of last November, namely, those referring to the daily marking system, the loss of valuable time made necessary by its use, and its thorough incompatibility with modern methods of scientific teaching, and the suggestion made for adopting in its stead a system of monthly trial examinations of an hour or two for the purpose of grading. I wish to lay special stress on this recommendation, as it will not necessitate any radical change in the general methods.

I wish also again to call attention to the necessity of adopting some course by which we will be enabled to teach the science of Chemistry by actual experimental work done by the students themselves. The great end to be attained by such practical work, as is well known, is to train the mind of the youth in methods of observation and original thought. The objection to the present method is that the student tends to study what a book says or what a Professor says rather than

what nature could teach him. He does not get into a scientific way of thinking, which is the object of scientific study, rather than the mere learning of a series of facts.

The work done by the Third Class in my department has been carried on by Lieutenant Coleman, whose report I hereby submit.

Very respectfully, your obedient servant,

CHAS. L. REESE,

Major and Professor of Chemistry and Physics.

MAJ. C. L. REESE, *Professor Chemistry and Physics.*

SIR: I have the honor to submit the following report of the work in Physics:

The Third Class has been engaged in the study of light, sound and electricity. Owing to our interruption in March I could not expect such satisfactory work to be done as we obtained at the Academy. The upper half of the class has, with a few exceptions, done well; but with the others, as a rule, the work has been rather spasmodic. In a few cases there has been no attempt to do the work properly. In the subjects of sound and electricity, I have shown more class room experiments than in any previous year. Members of the class have been shown the generation and application of electricity at the Electric Light Station. I have taken the class to the Academy to illustrate the principle of lenses, prisms and polarimeters.

I respectfully suggest that my class room is entirely too small, either for its use as a lecture room or for recitation purposes. The cases for holding apparatus do not protect from dust. The ones now in use are those discarded from the chemical laboratory. We lost several pieces of apparatus as a consequence of the recent fire at the Academy. These should be replaced and others added. I recommend that steps be taken to allow students to do laboratory work in Physics. This can be done with a comparatively small outlay, and the advantage of this method in real teaching cannot be overestimated.

The course in science as taught here should be remodeled. I find that quite a number of Cadets have studied Physical Geography before entering the Academy. It can be made a subject for examination on entrance, as the schools can easily put the candidates through it; but I am of the opinion that it may be dropped from the course, either as to entrance requirement or class study. It deals with subjects taken up afterwards in Physics, Astronomy, Chemistry and Geology. The time devoted to it, four and a half months, would be productive of more good if distributed among these subjects when they are taken

up in detail. The subject of Physiology should follow some instruction in Chemistry and Physics. The teaching of the more difficult parts of Physics should be delayed until after the students have finished Geometry and Plane Trigonometry. This is notably the case with Dynamics, at once the most difficult part of the subject and that upon which the whole science is based. I therefore recommend that the course be changed to the following: Fourth Class, Science Primers in Physics and Chemistry to familiarize them with the study and give the information required by many of the leading schools for entrance; Third Class, Physiology and Hygiene for three months, Physics of an advanced grade, six months; Second Class, Chemistry, Inorganic and Organic; First Class, Mineralogy, Geology and Astronomy.

This schedule is respectfully submitted in the belief that the elimination of Physical Geography and Mineralogy would give more time to the remaining subjects and allow more thorough work to be done than is now possible with such a great number.

In conclusion, I call your attention to the fact that the lowering of the standard required of Cadets has been attended by a corresponding low grade of work by them, except in the case of those who are ambitious, and who need no incentive to do their whole duty.

Very respectfully, Lt. J. T. COLEMAN,  
Assistant Professor Chemistry and Physics.

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July 4, 1892.

As regards the remodeling of the course, it is my opinion that it is rather a matter for the consideration of the Academic Board.

Very respectfully submitted to the Superintendent.

CHAS. L. REESE.

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CITADEL, CHARLESTON, S. C.,

July 4th, 1892.

MAJ. C. L. REESE, *Professor Chemistry and Physics.*

DEAR SIR: I beg to submit, through you, the following report of the work done in Astronomy by the First Class during the last term.

The class has recited twice a week in this department. The progress has been, on the whole, satisfactory, and I am glad to say that in a few instances a very gratifying interest was manifested. The need of a better text book is urgent. The text book used (Newcomb & Holden's) was prepared for much lower grade students than our First Class. I would strongly recommend the adoption as a text book of

Young's Astronomy, the publishers of which offer a fair discount and exchange price.

The class has used the telescope in observing all celestial objects of interest that are visible with an instrument of its power.

Very respectfully,  
 O. J. BOND,  
 Assistant Professor Mathematics,  
 In Charge of Drawing and Bookkeeping.

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## Report of the Professor of English Literature and History.

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THE CITADEL,  
 SOUTH CAROLINA MILITARY ACADEMY,  
 CHARLESTON, S. C., July 2d, 1892.

COL. ASBURY COWARD, *Superintendent*.

DEAR SIR: In reporting the work done in the department of English Literature and History during the last half of the academic year, I beg leave to state that the prescribed course of studies has been pursued by the classes in my charge.

The Second Class has studied Intellectual Philosophy, using as a text book Alden's Manual. Lectures and readings were given in addition, and this study was finished in the latter part of May. During the month of June one of Shakespeare's plays was critically studied, and lectures were given on Shakespeare's style, grammar, and versification.

The Third Class studies were Logic and Rhetoric, the text books being Jevons' Elementary Logic, and Hill's Elements of Rhetoric.

The First and Second Classes submitted original essays in English and were required to attend lectures on literary composition and criticism.

The fire at the Citadel retarded the progress of the Cadets in their studies. There was delay in replacing the text books that were burned, and the removal of the corps to the Roper Hospital interrupted easy access to the books of the library. On account of these disadvantages it is difficult to judge of the comparative worth of the new standard of grading. But leaving out of the question the recitation marks of the Cadets, I feel from intercourse of instructor and pupils that the spirit of the Cadet toward his studies under the new rule is inferior to that manifested last year.

I forward herewith the report of the Assistant Professor of English Literature and History.

Respectfully submitted,

ST. JAMES CUMMINGS,  
Major, and Professor of English Literature and History.

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AT THE CITADEL,

CHARLESTON, S. C., July 5th, 1892.

MAJ. ST. JAMES CUMMINGS, *Professor English, South Carolina Military Academy, Charleston, S. C.*

DEAR SIR: I have the honor to report that the Fourth Class has completed, under my instructions, the course in English prescribed by the regulations, viz.: English Grammar and English History, and that, as to the majority of the class, the progress made has been satisfactory.

I have not, however, found the text books altogether satisfactory. The Grammar in use seems to me badly arranged and rather difficult for the class of students who study it, while the English History seems to me to pay too little attention to the habits and customs of the people, and too much, in proportion, to the political events of various reigns.

I would suggest also that it seems to me it would be advantageous to change the order in which these two subjects are studied. The English History, being easier, might be studied during the first session and the Grammar during the last.

Very respectfully,

C. EDWARD JOHNSON,  
Assistant Professor of English.

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## Report of the Instructor of Modern Languages.

AT THE CITADEL,

CHARLESTON, S. C., July 6th, 1892.

To COL. ASBURY COWARD, *Superintendent.*

SIR: I beg leave to report that, notwithstanding the untoward circumstances attending a part of this term, the course contemplated has been carried out, without any appreciable modification, as I fortunately had no changes either in hours or division of classes. I am glad

to be able to state that any fears that might have been entertained as to the demoralizing effects of the new environments, consequent upon the burning of the Citadel, have not been realized. The recitations have been, as a rule, good—in some classes there have been gratifying instances of improvement. The department has been excellent.

I believe that the general standing of the classes compares favorably with previous years.

Very respectfully,

P. P. MAZYCK,

Captain and Instructor of Modern Languages.

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## Report of the Department of Drawing and Book-keeping.

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CITADEL,

CHARLESTON, S. C., July 4th, 1892.

COL. ASBURY COWARD, *Superintendent*.

DEAR SIR: In obedience to your request, I submit herewith my report of the Department of Drawing and Bookkeeping.

This department suffered a set-back of about a month owing to the fire of March 14th, which destroyed all the drawing instruments of a great number of Cadets. I am glad to report that the equipment of the department—the instruments belonging to the Academy—suffered no loss of consequence. A number of drawing models were spoiled by water, but these can all be replaced for five dollars.

The First Class has recited every other day in Bookkeeping. The progress attained was not what I wished or expected, but I believe that they understand very thoroughly the principles of double-entry. It is in business practice that their attainment has fallen short. If this class recited daily the time given would be ample, but I believe it would be better to start the class in this subject on the 1st of January in order to accomplish it thoroughly.

The Second Class has made very satisfactory progress in Architectural Drawing. They draw every other day.

The Third Class has lost less time than any, as I utilized the time while waiting for new instruments in lecturing on shades and shadows. I have modified the course somewhat in descriptive geometry according with the plan discussed with you. The topographic drawing, which

naturally goes with the surveying, has heretofore followed it in the succeeding session. This year I discontinued the descriptive geometry in April and took up topography—deferring isometric and perspective drawing to the next session, where they more properly belong.

I would like very much to have this department supplied with suitable drawing tables on our return to the Citadel, if possible. It would require an expenditure of about one hundred and twenty-five dollars.

Respectfully,

O. J. BOND,

Assistant Professor in Mathematics.

In Charge Department Drawing and Bookkeeping.

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## Report of Colonel Lawton, Inspector-General United States Army.

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CHARLESTON, S. C., May 16th, 1892.

*To the Inspector-General U. S. A., Washington, D. C.*

SIR: I have the honor to submit the following report of an inspection of the South Carolina Military Academy, Charleston, S. C., made this day in accordance with instructions of May 11th, 1892, from the Secretary of War. This College was last inspected May 20th, 1891, by Major J. P. Sanger, Inspector-General.

The Military Professorship of this institution was established December 20th, 1842, and the chair is now filled by Lieutenant John A. Towers, First Artillery, who has been on duty since October 1st, 1890. He resides in the building, and when in the performance of military duties wears his uniform.

The institution is non-sectarian, and the government of the Academy is vested in a Board of Visitors and an Academic Board.

The Military Professor is a member of the Faculty, with all the privileges of the other members. He is also the Commandant of Cadets, and is charged with the instruction of the Cadets in the theoretical military course, in all practical exercises, and also in the rules of military police, discipline and administration. All military rules and all appointments and promotions of officers and non-commissioned officers are made by the Superintendent on the recommendation of the Commandant of Cadets.

The system of demerit and punishment in the Military Department is the same as that of the United States Military Academy.

Instruction in drill and military tactics is given, and attendance is



compulsory. The facilities for military instruction comprise infantry and artillery arms, equipments and accoutrements.

The average number of students during the past year has been 130, all males. Of these over 15 years of age, there have been 130 under military instruction, or 100 per cent. of the entire number. The average daily attendance at drill was 105. Unauthorized absences from military instruction are punished by demerits and confinements.

The students are organized into a battalion of two companies. The uniform consists of Cadet gray, West Point pattern, with State buttons, and is worn at all times. At inspection there were no students out of uniform.

The arms and accoutrements were generally in a good condition, and the guns, carriages, implements and equipments were under shelter and in good condition.

During the past year there have been about 131 infantry drills, 30 artillery drills, 56 ceremonies, and guard mounting daily.

Theoretical instruction has been given in Drill Regulations, Military Law, Field Fortifications and Siege Operations.

The Military Professor is not employed by the Academy.

The attitude of the authorities and students toward the Military Department is very favorable, and every proper support is given the Military Professor by the authorities of the Academy, and the students seem to appreciate the military feature of their course.

The reports required by General Order 26, 1891, have been regularly rendered. Copies of these reports and of all correspondence are on file, and the names of such students as have shown special aptitude have been reported to the Adjutant-General of the Army, and a copy has been sent to the Adjutant-General of the State for his information.

#### REMARKS.

This institution is organized under the laws of and is supported by the State of South Carolina. It is substantially a military school in all its features, and is one of the oldest and best known military institutions in the South. I called formally upon the Superintendent, Colonel Coward, and presented my orders for making an inspection of the Academy. I was received with due courtesy by Colonel Coward, who was in full uniform of his rank, and accompanied him in the review and inspection of the battalion. These ceremonies were followed by drill exercises, comprising the battalion, company, squad and manual of the piece (artillery), all being of the first order and satisfactory.

The Citadel (barracks) had been recently destroyed by fire, in which

most of the military equipment, as well as most of that of the Academy generally, had been destroyed.

The Cadets, pending the reconstruction of the Citadel, which was being rapidly completed with many improvements, were quartered temporarily in another part of the city.

I note with much satisfaction that the officer detailed at the Academy, Lieutenant John A. Towers, First Artillery, is entirely satisfactory to the authorities of the Academy, zealous, competent and courteous, and in full accord with the officers and Faculty, to whom he is personally and officially acceptable.

Very respectfully,

H. W. LAWTON,  
Lieutenant-Colonel, Inspector-General.

## Superintendent's Annual Account of Receipts and Expenditures from 31st October, 1891, to 31st October, 1892.

1891.				1891.			
October	31	To balance cash on hand.....	\$ 110 99	November	30	By amounts paid out as per statements herewith.....	\$ 983 38
1892.				December	31	By amounts paid out as per statements herewith.....	4,050 96
October	31	To Board Visitors—		1892.			
		Received from Pay Fund for 12 months.....	20,172 18	January	31	By amounts paid out as per statements herewith.....	4,085 31
		Received from Beneficiary Fund for 12 months.....	20,000 00	February	28	By amounts paid out as per statements herewith.....	4,153 12
		Received from Quartermaster's sales for 12 months...	323 11	March	31	By amounts paid out as per statements herewith.....	3,608 61
		To Insurance—		April	30	By amounts paid out as per statements herewith.....	4,781 89
		Received from State Treasurer.....	800 00	May	31	By amounts paid out as per statements herewith.....	3,833 66
		To Property Account—		June	30	By amounts paid out as per statements herewith.....	5,102 89
		Received from Insurance companies for losses by the		July	31	By amounts paid out as per statements herewith.....	2,697 03
		fire.....	1,336 80	August	20	By amounts paid out as per statements herewith.....	1,774 18
		Total.....	\$42,743 08	September	30	By amounts paid out as per statements herewith.....	1,594 65
		To balance.....	\$ 246 08	October	31	By amounts paid out as per statements herewith.....	5,830 27
						By balance.....	246 08
						Total.....	\$42,743 08

ASBURY COWARD, Colonel and Superintendent.

## Losses Sustained by the Fire and Extra Expenses Incurred by Moving to Roper Hospital.

1892.			
March	14	25 presses for mattresses and clothing, at \$10.....	\$ 250 00
		63 pair of blankets at \$3 per pair.....	189 00
		57 iron cots at \$7.50 each.....	427 50
		63 comforts at \$3.75 each.....	236 00
		63 chairs at 75 cents each.....	47 25
		25 wash stands at \$1.25 each.....	31 25
		13 study and book tables at \$3.25 each.....	42 25
		12 tables at \$2 each.....	24 00
		63 single mattresses.....	157 50
		25 zinc wash basins at \$4.32 per dozen.....	9 00
		12 hanging book shelves at \$2 each.....	24 00
		4 office chairs at \$2.50 each.....	10 00
		25 slop buckets at \$4.32 per dozen.....	9 00
		25 zinc buckets at 75 cents each.....	18 75
		1 office table, oak.....	11 50
			\$1,487 00
		Move to Roper Hospital—	
	31	Paid for cleaning up the Roper Hospital and Marine Hospital.....	21 25
		Carpenters for work done the privies and wash house.....	59 32
		Glazier, \$15 17; paid for whitewashing, \$27.....	32 17
		For cartage of furniture to Roper Hospital from Citadel.....	36 75
April	2	For cleaning out privies.....	15 00
		For hauling water.....	12 50
		For flagstaff.....	40 00
		R. J. Morris for repairing heater and running same.....	42 20
		Whitewashers.....	4 50
		Glazier.....	2 33
		Richardson & Son for repairing locks.....	1 50
		For cartridges from Roper Hospital.....	1 25
		Carpenters for making gun racks, putting up blackboards, &c.....	53 25
		Pelzer & Robertson for insurance on guns.....	36 55
May	30	For hauling water from Citadel.....	19 00
		Richardson & Son for making keys.....	1 00
		Whitewashers.....	8 50
		Carpenters.....	1 50
		A. J. Riley for plumber's work at Roper Hospital.....	45 43
		Weatherhorn and Fisher for seats to privy.....	7 40
		Steinmeyer & Co. for lumber.....	46 67
July	22	For 61 loads of furniture, moving from Hospital to Citadel, 75c. ea.	45 75
		For 20 loads of furniture, moving from Hospital to Citadel, 75c. ea.	15 00
		Col. Coward, Commandant of quarters for 2½ months.....	112 50
September	30	Insurance on Citadel building.....	333 18
		Insurance on books and furniture for 3 years, valued at \$2,500.....	42 50
		W. F. Paddon for plumbing work at Roper Hospital.....	23 00
		A. J. Riley for plumbing work at Hospital.....	45 43
		For cleaning up Roper Hospital—	
		Paid Carter for 6 days' work at whitewashing, at \$1.25.....	7 50
		Scourers and whitewashers for 3 weeks' work.....	70 32
		For carpenter's work.....	5 00
		For glazing.....	9 30
		For painting.....	5 00
		For carpet for reception room.....	75 00
		For mats for Superintendent's and Commander's offices.....	38 50
		Color-washing wings.....	250 00
			\$3,053 61
		By amount received from Insurance companies.....	\$950 00
		By damaged furniture purchased from Insurance companies.....	50 00
			1,000 00
		Balance.....	\$2,053 61

W. W. WHITE,  
First Lieutenant and Quartermaster.

## Chairman in Account with Federal Fund.

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1891.		
Nov. 7	Balance per account rendered.....	\$1,043 69
Dec. 22	Paid Library, voucher 1.....	\$ 15 00
1892.		
Aug. 11	Paid repairs of building, voucher 2.....	346 00
Nov. 8	Paid Library, voucher 3.....	407 36
		768 36
Nov. 8	Balance.....	\$275 33

Books are now being received for the Library which will consume this balance.

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## Letter from Hon. W. H. Brawley, M. C.

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HOUSE OF REPRESENTATIVES U. S.,  
WASHINGTON, D. C., 22d Oct., 1892.

MY DEAR GOVERNOR: The Bill for the relief of the State in the matter of the arms destroyed at the Citadel by fire has passed the Senate, and has been favorably reported by the House Committee on Military Affairs, and is on the Calendar of the House.

I hope to get it through at the approaching session, which begins early in December.

Yours sincerely,

WM. H. BRAWLEY.

HON. JOHNSON HAGOOD.

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## Report of Maj. Gadsden.

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CHARLESTON, S. C., Oct. 18, 1892.

GEN. JOHNSON HAGOOD, *Chairman Board of Visitors,*  
*South Carolina Military Academy.*

DEAR SIR: I have the honor to submit the following report of the

repairs of the Citadel, following the disastrous fire of the 14th March, last :

Under the authority of Governor Tillman, the moneys paid by the insurance companies holding policies on the burnt building, furniture, books, &c., were expended as shown in the report to the Executive, a copy of which is herewith attached.

The City Council of Charleston appropriated fifteen hundred (\$1,500.00) dollars for improvements, which amount was subject to the control of the Executive Committee of the Board of Visitors. This amount was expended by the authority of that Committee, as follows :

Five interior walls dividing the attic of the main building into so many separate spaces, as a further protection against fire.....	\$ 650 00	
Enlarging lower story windows on north and south faces..	231 00	
Extra flue.....	15 00	
		\$ 896 00
Constructing two iron stairs in quadrangle.....	400 00	
Architectural supervision by W. J. Jeffords, Jr.....	204 00	
		\$1,500 00

A further amount was received from the Chairman of the Board of Visitors..... 346 00

Which was expended under his instruction as follows :

Fitting up additional section room.....	\$ 190 00	
Inserting a girder under north gallery.....	60 00	
Architectural supervision to end of contract..	96 00	346 00
		\$ 346 00
Total.....	\$ 346 00	
Amount brought forward.....	1,500 00	
		\$1,846 00
Total in all.....	\$1,846 00	\$1,846 00

Vouchers for these expenditures are attached as follows :

Henry Oliver.....	\$ 896 00	
Henry Oliver.....	250 00	
Werner & Sires.....	400 00	
W. J. Jeffords, Jr.....	300 00	
		\$1,846 00

There were thus expended under authority as above stated :		
For the restoration of main building.....		\$16,228 00
To replace furniture and books.....		1,550 00
Handling books.....		50 00
		<hr/>
Money from insurance companies.....		\$17,828 00
Improvements :		
From City Council.....	\$1,500 00	
From Board of Visitors.....	346 00	1,846 00
		<hr/>
Total.....		\$19,674 00

The restoration of the main building, with the improvements introduced, places the present physical condition of the Academy superior to anything heretofore known. There is every reason to be gratified at this satisfactory outcome of the calamity which occurred in March, 1892.

All of which is respectfully submitted.

C. S. GADSDEN.

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## Extracts from Minutes of the Board of Visitors in Relation to the Fire at the Citadel.

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### THE UNDERWRITERS.

*Whereas* in the recent loss by fire at the Citadel the Underwriters, through their adjusters and local agents, acted with commendable promptness in ascertaining and adjusting the general losses under nine different policies ; and, whereas this business-like and friendly action was prompted by high public considerations, alike honorable to the fire insurance companies and of incalculable advantage to the Military Academy in the prompt disposal of a public calamity, so grave as to threaten serious consequences if procrastinated and dealt with in an unfriendly or captious spirit :

*Resolved*, That the Executive Committee deem it a public duty to acknowledge this highly appreciated action of the Underwriters, and would add their sincere thanks to the several gentlemen in charge of this all-important business for their prompt action and fair settlement of the losses.

*Resolved*, That a copy of these proceedings be suitably engrossed and forwarded to each of the gentlemen associated in this good work.

Copies were forwarded to Colonel John D. Young, Henry T. Alley and W. D. Deane, Atlanta adjusters.

W. S. Hastie, President Board of Local Underwriters, and to the following local agents :

F. Tupper & Co., Commercial Union of London, Niagara of New York.

Ravenel, Johnson & Co., Royal of Liverpool.

C. K. Huger & Co., Insurance Company of North America, Western of Canada.

Pelzer & Robinson, Scottish Union and National Lion Insurance Company, London ; Phoenix Insurance Company, London.

W. K. Dunkin, National of Connecticut, Niagara of New York.

S. Y. Tupper & Sons, Guardian of London.

## THE CITY COUNCIL OF CHARLESTON.

CITY OF CHARLESTON,

EXECUTIVE DEPARTMENT, March 24th, 1892.

At the regular meeting of the City Council of Charleston, held on 22d instant, Alderman Baer submitted the following preamble and resolutions in reference to the fire at the Citadel :

The Mayor and Aldermen of Charleston, in City Council assembled, cannot permit so distressing an occurrence as the burning of the roof, and the consequent damage to the upper rooms of the Citadel building, to pass without voicing the feeling of profound regret felt throughout this community, and, as they believe, fully shared by the great majority of the people of South Carolina, at this most unexpected and most unfortunate disaster.

Founded in the wise forethought of a previous generation, the Academy has been reorganized and maintained by the State authorities and people of South Carolina under altered public conditions, yet, if possible, even more urgently needed *now* than at its origin, fifty years ago. This is the belief of thoughtful citizens everywhere in the State, who gravely consider the coming years and the value of this higher education in shaping that future.

The City Council of Charleston have an abiding faith that these thoughts are common with all reflecting citizens, without regard to temporary political differences, from the Blue Ridge to the sea. While deploring this loss and its consequent temporary inconveniences, the City Council desire to place on the public records of the city its high appreciation of the conduct of Colonel Coward and the Academic staff during the conflagration and since, their wise judgment in making temporary arrangements, equal to the prompt con-



tinuance of the course of studies and the good order of the institution.

Another conspicuous feature of this calamity has been the manly, self-sacrificing deportment of the young gentlemen—Cadets—representatives of every County of South Carolina. They have given evidence of their high citizenship in the exhibition of perfect discipline and manly bearing under severe trials, which are not only honorable, personally, to each Cadet, but which attest, as well, the value of the military training which develops these high characteristics, and through them gives promise of future lives of usefulness and honor to State and country. They have given fresh proof that “difficulty is opportunity.” Therefore, be it

*Resolved*, That the fullest sympathy of the City Council of Charleston is respectfully tendered to Col. Coward and the Academic Board and to the Cadets of the South Carolina Military Academy for their dignified and manly bearing under the recent trying circumstances of serious losses and temporary discomforts so suddenly encountered, which presents a notable example of good conduct to all our people to be emulated in time of future trouble.

*Resolved*, That the City Council of Charleston expresses the belief that their fellow citizens will esteem it a high privilege to relieve any and all personal losses by this conflagration as far as possible to ascertain them.

*Resolved*, That these proceedings be spread upon the journals and published, and that official copies be prepared and sent to each member of the Academic Board and to each Cadet, with the assurance of the high regard and esteem of the Mayor and Aldermen of Charleston.

*Resolved*, That his Honor the Mayor be authorized and requested to confer with the authorities of the Academy, with full power to act in all matters relating thereto as he may deem best.

Alderman Zimmerman Davis seconded the resolutions. He said :

MR. MAYOR: It seems superfluous to add anything to what has been so well said in the preamble and resolutions just presented, but I cannot resist the impulse to bear further testimony to the esteem in which the Faculty and Cadets of the South Carolina Military Academy are held by this entire community, and the profound regret which was universally expressed when it was known that the building was in flames. This noble institution has become very dear to the hearts of our people and we are proud of it. For two generations the Citadel Academy has been filled with young men from every County in our State, and it is worthy of public record that in all that time there has never been known a single instance of unbecoming or ungentlemanly

conduct on their part while free from the restraint of the barracks. In many of the great colleges of our land the high spirits and the boisterous pranks of youth have frequently brought the students into collision with the citizens and civil authorities, and in many cases causing ill feeling between them and a desire that such institutions be removed from such cities. This, I repeat, has never happened with South Carolina Cadets. When granted leave to visit they have ever been welcomed in the houses of our people, where lifelong friendships have been formed, and when they have graduated and returned to their homes they have left behind them only pleasant memories, and have taken with them a lasting love for the old "City by the Sea," which have repeatedly found expression in binding together the whole State, from the mountains to the sea, in a common brotherhood.

I sincerely hope that the beautiful building will soon rise from its ashes, and that the South Carolina Military Academy will continue its career of honor and usefulness to the remotest generations.

It gives me profound pleasure to second the resolutions.

Upon the vote being taken, the preamble and resolutions were unanimously adopted.

[L. S.]

JOHN F. FICKEN, Mayor.

W. W. SIMONS, Clerk of Council.

Official copy for General Johnson Hagood, Barnwell C. H., S. C.

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CHARLESTON, S. C., April 26, 1892.

*To the Honorable the Mayor and Aldermen of Charleston:*

In behalf of the Board of Visitors of the South Carolina Military Academy, I have the honor to acknowledge the receipt of a copy of your valued proceedings of 22d of March, relative to the fire at the Citadel the previous week. Whether regarded in its kindly and generous expression of sympathy or on the higher plane of intelligent appreciation of this important educational institution, which promises so much for the future of South Carolina, your action is opportune and greatly valued, not only by those who are responsible for the government of the Academy, but by all citizens who look to it for a part of that higher education which experience has taught is wise and useful to the State—an education, as you truly say, "even more urgently needed now than at its origin, fifty years ago."

Your observant notice of the behavior of the Cadets, under the disabilities so suddenly incurred, emphasizes the merit of the training received at the Academy, which unquestionably helps to make self-reliant citizens ready for emergencies.

It is a great gratification to learn that the personal life of the Cadets is so acceptable to the people of Charleston, and that in their social intercourse "lifelong friendships are being established;" that "only pleasant memories" remain when they have finished their four years' course, "binding together the whole State, from the mountains to the seaboard." I indulge the hope that these happy and inspiring conditions may be forever perpetuated; that this Academy, through future patient and achieving years, may be the centre of an ever-widening circle, whose conquests shall be for all the State, and whose silent forces will permeate in love and unity all our people.

With renewed thanks for your kindness and consideration, and with the assurance of my highest regard,

I am, respectfully,

JOHNSON HAGOOD, Chairman.

#### THE LADIES OF CHARLESTON.

A number of the ladies of the city of Charleston having, under the name of the "Lady Friends of the Cadets," sent to the Commandant of the South Carolina Military Academy one thousand and ninety-four 45-100 dollars, to be used by the Cadets in replenishing their wardrobes and supplying their losses sustained by the fire at the Citadel in March last.

*Resolved*, That we, the Board of Visitors of the South Carolina Military Academy, do hereby tender to the "Lady Friends of the Cadets" our sincere thanks, not only for their liberal contribution, but also for the tender interest they have shown in the welfare of our cherished institution. We beg to assure them that we fully appreciate and cordially reciprocate the kindly feelings which prompted them in their offering; and we can confidently assert that under the influence of women so tender, loving and true the youth of the State will develop into men who are honorable, truthful and brave, and will prove themselves worthy of the confidence and trust of the women of Carolina, who have always been noted for their unselfish devotion to the interests of the State.

Ordered that a copy of these resolutions be engrossed and sent to the "Lady Friends of the Cadets," and that they also be published in the Charleston papers.

#### TRUSTEES OF ROPER HOSPITAL.

*Resolved*, That the Board of Visitors of the South Carolina Military Academy do hereby tender our sincere thanks to the Trustees of

the Roper Hospital for the use of the building now occupied as barracks.

To the Faculty of the South Carolina Medical College, for the use of the class rooms in the College building.

To the Board of School Commissioners, for the use of the yards and basement of the building formerly used as the Marine Hospital.

To Mr. S. H. Wilson, for the use of the comfortable dwelling house now occupied by the Commandant of the South Carolina Military Academy and his family.

To Mr. J. M. Connelly and Messrs. Jackson and Pickett, for teams to transport furniture and other purposes.

Ordered that a copy of these resolutions be engrossed and sent to the above mentioned gentlemen as an expression of our gratitude for the kindness received from them, and that they also be published in the Charleston papers.

#### COMMITTEE OF CHARLESTON GENTLEMEN.

Immediately after the disastrous fire at the South Carolina Military Academy on the 14th of March last, the Chairman of the Board of Visitors decided to select from among the many friends of the Academy in Charleston a committee of gentlemen to take into consideration the entire situation. On the one hand, to direct the stream of public sympathy into useful channels, and on the other to unite the several insurance companies interested in the premises on the most practicable plan for the restoration of the Citadel. With this object in view, and in this connection, the following committee were invited to act :

HON. JOHN F. FICKEN, Mayor,  
W. A. COURTENAY,  
GEN. T. A. HUGUENIN,  
COL. JOS. W. BARNWELL,  
CAPT. B. F. MCCABE.

The Board of Visitors of the South Carolina Military Academy at this their first meeting after the fire desire to express their high sense of appreciation of the services of these gentlemen, chiefly through whose efforts the work of restoration has been so signally successful.

*Resolved*, That the well-directed efforts of these gentlemen have accomplished a noble work in bringing back to usefulness this time-honored building, so essential to higher education and so dear to the people of the State.

*Resolved*, That the Board of Visitors tender to each member of this committee its sincere thanks for timely and powerful aid in the great disaster.

Ordered that these resolutions be engrossed and a copy furnished to each member of the committee, also that the same be published in the Charleston papers.

SCHEDULE OF RECITATIONS, SOUTH CAROLINA MILITARY ACADEMY, FOR THE FIRST TERM OF 1892-93.

	9:30 to 10:30.	10:30 to 11:30.	11:30 to 12:30.	12:30 to 1:30.	2:30 to 3:30.	3:30 to 4:30
<b>1st CLASS.</b>	<b>English</b> (Supt.) Tu. & Th. <b>German</b> (Capt. M.) M., W. & F.	<b>Math.</b> (Maj. T.) every day.	<b>English</b> (Supt.) M., W. & F. <b>Mil. Sci.</b> (Lt. T.) Tu. & Th.	<b>Chem.</b> (Maj. R.) every day.		<b>Drawing</b> (Lt. B.) Tu. & Th.
<b>2d CLASS.</b>	<b>English</b> (Maj. C.) every day but Thursday.	<b>Chemistry</b> (Maj. R.) every day.	<b>Mil. Sci.</b> (Lt. Towers) on Monday.	<b>Math.</b> every day. Maj. Thom.	<b>German</b> (Capt. M.) alternating <b>Drawing</b> (Lt. B.)	<b>English</b> (Maj. C.) on Thursday.
1st SEC.			<b>Math.</b> (Maj. T.) every day but W. <b>Mil. Sci.</b> (Lt. Towers) on Wednesday.	<b>English</b> (Maj. C.) every day but Thursday.	<b>German</b> (Capt. M.) alternating <b>Drawing</b> (Lt. B.)	
2d SEC.	<b>Math.</b> (Maj. T.) Wednesday.					
<b>3d CLASS.</b>	<b>Physics</b> (Lt. C.) every day.	<b>English</b> every day but Friday. (Maj. Cum.)	<b>Math.</b> every day to (Lt. Bond.)	<b>French</b> every other day to (Capt. M.)	<b>English</b> (Maj. C.) on Friday.	<b>Drawing</b> (Lt. Bond) Mon., Wed., & Fri.
1st SEC.			<b>Math.</b> (Lt. B.) every day.	<b>English.</b> (Maj. C.) every day but Friday.		
2d SEC.						
<b>4th CLASS.</b>	<b>English</b> (Lt. Johnson) every day.	<b>French</b> (Capt. M.) every other day.	<b>Math.</b> (Lt. Coleman) every day.	<b>Physics</b> (Lt. Johnson) every day.		
1st SEC.			<b>French</b> (Capt. M.) every other day.	<b>English</b> (Lt. J.) every day.	<b>Math.</b> (Lt. C.) every day.	<b>Physics.</b> (Lt. J.) every day.
2d SEC.						

Reference is made to the Reports of the Superintendent and Professors for further academic details.

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