

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, 1891,

TO THE

General Assembly

OF THE

State of South Carolina.

COLUMBIA, S. C.

JAMES H. WOODROW, STATE PRINTER.

1891.

ANNUAL REPORT

REPORT OF THE BOARD OF VISITORS

South Carolina Military Academy

Facial Year Ending October 31, 1891

General Assembly

State of South Carolina

W. H. RAY, G.
TAMMIE B. WOODROW, STATE PRINTER

REPORT OF BOARD OF VISITORS.

OFFICE OF CHAIRMAN BOARD OF VISITORS
SOUTH CAROLINA MILITARY ACADEMY,

November 7, 1891.

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.

BOARD OF VISITORS.

Gen. JOHNSON HAGOOD, *Chairman*..... Barnwell, S. C.
Rev. S. B. JONES, D. D..... Columbia, S. C.
Col. EDWARD CROFT..... Greenville, 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.

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

ACADEMIC BOARD.

1890 -1891.

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

LIEUT. JNO. A. TOWERS, 1ST ART., U. S. A., *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.*

SECOND LIEUT. O. J. BOND, *Assistant Professor of Mathematics, and in charge of Drawing and Bookkeeping.*

SECOND LIEUT. J. P. KINARD, *Assistant Professor of English Literature and History.*

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

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

FIRST LIEUT. W. W. WHITE, *Quartermaster.*

CADETS.

FIRST CLASS—21 MEMBERS—GRADUATED JULY 1, 1891.

Order of General Merit.	NAMES.	COUNTY.	State.	Class—Pay or Beneficiary.	Order of Merit in									
					Age at Date of Admission.									
					Mathematics.	Physies.	Modern Languages.	English.	Drawing and Bookkeeping.	Ellocution.	Military Science.	Conduct.		
1	Perrin, S. W...	Abbeville ...	SC	B	18	1	1	1	1	4	1	1	1	
2	Mauldin, T. J..	Pickens.....	"	B	17	4	2	3	2	5	6	2	2	
3	Whaley, E. M..	Berkeley ...	"	P	16	3	3	2	4	10	10	3	6	
4	Fraser, H. W..	Georgetown .	"	B	15	2	4	4	3	3	8	4	10	
5	Sally, D. D....	Orangeburg .	"	B	17	7	7	7	6	8	3	9	5	
6	Spivey, D. A..	Horry.....	"	B	18	5	8	11	8	1	16	13	8	
7	Blythe, E. M..	Greenville...	"	B	15	6	5	6	7	8	7	7	13	
8	Lorick, E. B..	Kershaw ...	"	P	16	12	10	9	10	14	15	6	4	
9	Roberts, R. C..	Barnwell....	"	P	17	8	6	12	16	2	18	10	11	
10	Frost, J. E....	Richland....	"	P	18	9	12	8	11	13	2	14	7	
11	Tillinghast, W N	Richland....	"	B	18	14	11	13	5	16	13	11	9	
12	Carter, A. F...	Colleton ...	"	B	17	13	14	5	13	12	12	16	12	
13	Magrath, J. W.	Charleston ..	"	P	15	10	9	10	9	7	9	8	19	
14	Robertson, J. M.	Newberry...	"	P	15	11	13	15	12	6	14	5	17	
15	Humphreys, W C	Anderson...	"	P	17	18	16	14	14	18	11	18	3	
16	McCully, P. K.	Anderson...	"	P	15	16	17	16	15	15	5	12	15	
17	Aveilhé, A. A..	Chatham....	Ga	P	15	17	15	17	18	11	17	15	14	
18	Oliver, J. L....	Charleston..	SC	P	16	15	18	18	17	17	18	17	18	
a	Brailsford, A. M	Clarendon...	"	B	16	...	...	...	...	...	4	...	16
b	Salley, A. S....	Orangeburg .	"	P	16	...	...	...	...	...	...	...	...
b	Simons, W. W.	Charleston ..	"	P	16	...	...	...	...	...	...	...	...

a. Sick. Absent from final examination; will be given diploma upon passing in October a satisfactory examination upon all the studies in which his class was examined in June.

b. Honorably discharged.

SECOND CLASS—21 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.	Tactics.	Conduct.
1	Thomas, A. S...	Richland...	S C	B	15	1	1	4	1	1	3	1
2	McGhee, W. Z...	Abbeville...	"	B	16	2	2	3	3	2	1	4
3	Coffin, G. R....	Richmond...	Ga	P	15	4	4	1	4	3	9	2
4	Beckwith, J. G..	Orangeburg	S C	B	15	5	3	2	2	3	5	5
5	Etheredge, A. G.	Edgefield...	"	B	16	3	6	6	8	5	7	3
6	Hazell, R. I....	Charleston..	"	B	15	10	5	7	15	6	2	6
7	McElwee, J. F...	York.....	"	B	18	6	8	11	13	8	4	7
8	Andrews, B. W..	Orangeburg	"	B	16	7	10	8	5	9	12	10
9	Scaife, H. L....	Union.....	"	B	16	12	14	9	6	12	10	11
10	Brown, P.....	Sumter.....	"	B	18	13	11	5	9	14	14	15
11	Dean, T. C.....	Spartanburg	"	P	16	14	13	10	11	7	11	9
12	Huguenin, D....	Charleston..	"	P	15	15	15	14	14	10	8	8
13	Padgett, J. G...	Colleton....	"	B	18	13	11	5	9	14	14	15
14	Moorer, J. J....	Colleton....	"	P	16	11	7	15	12	11	13	13
15	Manning, A. S...	Marion.....	"	B	16	9	12	13	10	13	15	12
a	Buckingham, E. R	Aiken.....	"	B	17	.....	.....	.....	.....	.....	.....	.....
b	Gilchrist, R. B..	Charleston..	"	P	17	.....	.....	.....	.....	.....	.....	.....
a	Pinckney, C. S..	Charleston..	"	P	16	.....	.....	.....	.....	.....	.....	.....
a	Smith, A. P....	Hampton....	"	P	16	.....	.....	.....	.....	.....	.....	.....
b	Walker, N. P....	Spartanburg.	"	P	16	.....	.....	.....	.....	.....	.....	.....
a	Wilcox, F. S....	Polk.....	N C	P	15	.....	.....	.....	.....	.....	.....	.....

a. Honorably discharged.

b. Deficient at semi-annual examination and discharged.

THIRD CLASS—40 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	*D. J. Lucas.....	Charleston.....	S	C	B	15	1	3	1	1	1	4	1
2	*J. W. Cantey....	Kershaw.....	"		B	16	2	5	3	3	3	1	2
3	R. McC. Perrin....	Abbeville.....	"		B	16	5	6	2	2	2	2	6
4	J. P. Thomas.....	Union.....	"		B	15	6	7	6	7	4	9	5
5	G. Shanklin.....	Oconee.....	"		B	18	3	1	9	4	9	11	11
6	W. A. Stribling....	Spartanburg...	"		B	16	9	2	15	6	2	6	8
7	W. R. Goss.....	Union.....	"		P	15	8	4	4	5	12	11	12
8	E. B. Fishburne...	Colleton.....	"		P	15	4	8	7	14	6	16	9
9	B. D. Wilson.....	Sumter.....	"		B	15	7	11	7	9	14	3	13
10	W. B. Gourdin....	Williamsburg..	"		B	17	13	13	15	8	5	13	10
11	J. L. Mims.....	Edgefield.....	"		P	17	14	12	14	10	10	5	4
12	I. Harby.....	Sumter.....	"		P	16	10	9	11	18	7	10	14
13	J. H. Earle.....	Sumter.....	"		P	16	11	10	13	15	11	15	18
14	G. Bowen.....	Anderson.....	"		P	15	17	14	10	17	17	14	3
15	G. H. Atkinson...	Mecklenburg...	N	C	P	15	15	17	12	16	16	19	7
16	W. E. Woodward..	Aiken.....	S	C	B	15	12	18	17	12	15	8	19
17	J. R. Verdier.....	Beaufort.....	"		P	16	16	16	18	11	19	17	16
18	J. R. Hart.....	York.....	"		P	16	19	19	16	13	18	6	17
19	G. L. Dial.....	Richland.....	"		P	15	18	15	19	19	13	18	15
<i>c</i>	C. H. Alexander...	Buncombe.....	N	C	P	17							
<i>a</i>	T. W. Bethea.....	Marion.....	S	C	P	17							
<i>b</i>	A. H. Boykin.....	Kershaw.....	"		P	16							
<i>a</i>	J. W. Brunson....	Orangeburg....	"		P	16							
<i>c</i>	G. W. Connelley..	Charleston.....	"		P	15							
<i>b</i>	J. C. Dial.....	Madison.....	Fla		P	16							
<i>a</i>	H. C. DuBose.....	Kershaw.....	S	C	P	16							
<i>b</i>	R. B. Fripp.....	Richland.....	"		B	16							
<i>a</i>	E. H. Frost.....	Richland.....	"		P	18							
<i>b</i>	J. W. Gregg.....	Marion.....	"		P	15							

a. Honorably discharged.

b. Found deficient at semi-annual examination and discharged.

c. Suspended and dismissed for deficiency in conduct.

THIRD CLASS—40 MEMBERS.—Continued.

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.	
<i>e</i>	W. St. J. Jervey....	Charleston.....	S	C	P 16	..	..	..	..	..	..	..	..
<i>b</i>	W. H. Keith.....	Florence.....	"	"	P 16	..	..	..	..	..	..	..	..
<i>a</i>	W. Oetjen.....	Richmond.....	Ga	"	P 17	..	..	..	..	..	..	..	..
<i>a</i>	C. L. O'Neale....	Richland.....	S	C	P 17	..	..	..	..	..	..	..	..
<i>a</i>	R. C. Richardson..	Clarendon.....	"	"	P 17	..	..	..	..	..	..	..	..
<i>e</i>	W. R. Robertson..	Mecklenburg...	N	C	P 15	..	..	..	..	..	..	..	..
<i>f</i>	C. E. Sanders . . .	Florence.....	S	C	P 17	..	..	..	..	..	..	..	..
<i>a</i>	J. A. Satcher.....	Edgefield.....	"	"	P 16	..	..	..	..	..	..	..	..
<i>a</i>	J. A. Smyth.....	Greenville.....	"	"	P 15	..	..	..	..	..	..	..	..
<i>b</i>	W. E. Snowden... .	Williamsburg..	"	"	B 16	..	..	..	..	..	..	..	..
<i>d</i>	W. J. Crosswell . . .	Greenville.....	"	"	P 15	..	..	..	..	..	..	..	..

a. Honorably discharged.

b. Found deficient at semi-annual examination and discharged.

d. Permitted to retire.

e. Deficient at semi-annual examination and turned back to Fourth Class.

f. Turned back to Fourth Class, and subsequently granted honorable discharge.

FOURTH CLASS—85 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.	Elocution and Composition.	Conduct.	
1	*Stackhouse, G. M..	Marlboro....	S. C.	B 18	4	1	1	1	5	2		
2	*Hughes, R. L.....	Hampton....	"	B 15	2	2	12	4	2	14		
3	Babb, Edgar.....	Laurens....	"	B 18	1	14	3	8	18	6		
4	Lipsey, T. E. L.....	Chester.....	"	B 17	3	3	14	15	27	5		
5	Gregg, F. W.....	Florence....	"	B 17	7	4	7	2	5	20		
6	West, J. T.....	Greenville...	"	B 18	13	8	9	3	15	4		
7	Peurifoy, J. E.....	Edgefield....	"	B 18	8	6	19	5	1	33		
8	Hunter, O. F.....	Barnwell....	"	B 18	11	5	16	7	13	21		
9	Johnston, J. G.....	Newberry...	"	B 18	19	11	15	11	3	10		
10	Anderson, S. P.....	Charleston..	"	P 16	12	22	2	16	18	37		
11	McMaster, R. H.....	Fairfield....	"	B 15	10	10	26	10	20	25		
12	De Pass, H. E.....	Kershaw....	"	B 16	17	33	18	9	3	8		
13	Rouse, J. W.....	Hampton....	"	B 18	5	13	29	13	57	26		
14	Moroso, J. A.....	Charleston..	"	B 16	16	19	5	6	17	39		
15	Gwynn, St. C.....	Spartanburg.	"	B 17	8	7	31	13	7	57		
16	Lee, W. S.....	Anderson....	"	B 18	20	9	27	33	29	18		
17	Norris, P. S.....	Edgefield....	"	B 16	14	21	22	17	23	55		
18	Kearney, D.....	Charleston..	"	B 17	21	18	6	18	50	44		
19	Ready, E. L.....	Edgefield....	"	P 18	15	49	25	21	9	30		
20	DuPre, S. J.....	Berkeley....	"	B 16	18	30	20	19	31	45		
21	Fike, W. G.....	Laurens....	"	B 18	6	42	17	38	66	19		
22	Cozby, J. D.....	Newberry...	"	B 17	22	15	42	25	27	31		
23	Horlbeck, H.....	Charleston..	"	P 17	35	43	4	20	24	14		
24	Stevenson, T. C.....	Chester.....	"	B 17	31	12	39	22	43	24		
25	Jeffords, E. H.....	Charleston..	"	P 16	35	16	13	29	39	22		
26	Law, J. G.....	Darlington..	"	B 18	24	44	38	31	22	11		
27	Peterkin, P. J.....	Orangeburg.	"	P 19	29	29	51	43	47	12		
28	Hutto, P. E.....	Lexington...	"	B 18	26	36	37	34	33	17		
29	McClellan, E. A.....	Charleston..	"	P 17	37	24	41	23	24	29		
30	Hinnant, T.....	Fairfield....	"	B 16	28	26	52	32	19	46		
31	Burriss, J. J.....	Anderson....	"	B 18	25	23	35	58	58	16		
32	Stuckey, G. M.....	Sumter....	"	P 18	38	39	36	30	16	42		
33	Hiers, B. R.....	Colleton....	"	B 18	40	25	46	39	13	28		
34	Odom, W. P.....	Chesterfield.	"	B 18	27	26	24	36	33	63		
35	Smith, J. P.....	Berkeley....	"	B 17	32	32	21	24	30	58		
36	Barnwell, J. L.....	Beaufort....	"	B 16	23	37	55	37	50	47		
37	Jervey, W. S.....	Charleston..	"	P 16	46	47	8	44	40	2		

FOURTH CLASS—85 MEMBERS.—*Continued.*

Order of General Merit.	NAMES.	COUNTY.	State.	Class—Pay or Beneficiary.	Age at Date of Admission.	Order of Merit in						
						Mathematics.	Physics.	French.	English.	Elocution and Composition.	Conduct.	
38	McIntosh, E. L.	Newberry ...	S. C.	P	18	39	46	49	42	9	34	
39	Langford, W. S.	Newberry ...	"	P	16	42	41	53	27	31	40	
40	Jervey, W.	Charleston ..	"	B	17	50	17	29	26	54	36	
41	Keith, J. E.	Florence	"	P	15	36	35	34	40	54	59	
42	Moore, W. A.	Richland	"	P	16	55	28	23	28	47	38	
43	Gregory, L.	Lancaster ..	"	B	18	41	52	32	53	20	22	
44	Legare, A. E.	Orangeburg ..	"	P	15	58	47	10	12	11	65	
45	Stevens, D. A.	Berkeley	"	P	16	49	20	65	45	50	9	
46	Sloan V. S.	Charleston ..	"	P	15	52	40	11	48	54	51	
47	Clement, W. W.	Berkeley	"	B	17	57	34	33	47	53	27	
48	Fishburn, C. C.	Colleton	"	P	15	56	50	45	40	11	31	
49	Tompkins, E. R.	York	"	B	15	44	64	50	50	49	13	
50	Earle, R. D. ....	.....	Fla.	P	16	48	31	58	55	42	50
51	Matheson, C.	Alachua	"	P	16	53	45	61	46	33	35	
52	Jackson, W. K.	Charleston ..	S. C.	P	16	43	51	43	51	33	67	
53	Ready, W. D.	Edgefield ...	"	P	16	30	58	44	62	38	48	
54	Bostick, W. M.	Barnwell	"	B	15	47	54	57	48	61	41	
55	Stone, T. C.	Greenville ...	"	P	16	34	57	56	60	43	52	
56	Robertson, W. R.	Mecklenburg	N. C.	P	15	64	37	28	35	43	61	
57	Logan, E. C.	Spartanburg.	S. C.	P	16	45	63	40	57	43	64	
58	Reid, W. M.	Sumter	"	P	16	62	55	54	55	24	54	
59	Ellison, R.	Fairfield	"	P	17	63	59	47	63	60	1	
60	Baskin, A. C.	Sumter	"	P	18	59	53	59	59	59	56	
61	Caldwell, A. C.	Coweta	Ga.	P	16	51	61	62	64	33	62	
62	aDowling, C. T.	Orangeburg ..	S. C.	P	15	60	56	60	65	41	43	
63	Dukes, R. F.	Orangeburg ..	"	P	18	66	62	47	54	62	53	
64	Turlington, R. S.	Marlboro.	"	P	17	61	66	67	52	62	60	
65	O'Neale, R. L.	Richland	"	P	17	54	65	64	61	68	66	
66	aSalley, G. S.	Orangeburg ..	"	P	18	67	60	68	68	64	7	
67	aNeeley, P. S.	Barnwell	"	P	18	65	68	66	67	64	49	
68	aDeSaussure, H. W.	Charleston ..	"	P	16	68	67	63	66	67	68	
b	Elliott, S. R.	Beaufort	"	B	16	.....	.....	.....	.....	.....	.....
c	Enlow, J. J.	Greenville ...	"	P	18	.....	.....	.....	.....	.....	.....
d	Evans, D.	Marion	"	P	16	.....	.....	.....	.....	.....	.....

NOTES.—a. Found deficient at annual examination and turned back to join next Fourth Class.

b. Absent, sick at annual examination, not graded.

c. Honorably discharged.

d. Suspended and dismissed for deficiency in conduct.

FOURTH CLASS—85 MEMBERS.—*Continued.*

Order of General Merit.	NAMES.	COUNTY.	State.	Class—Pay or Beneficiary.	Age at Date of Admission.	Order of Merit in					
						Mathematics.	Physics.	French.	English.	Elocution and Composition.	Conduct.
c	Green, W. T.....	Richland	S. C.	P 16	..	..	..	..	..	..	..
c	Jervey, L. S.....	Charleston...	"	P 16	..	..	..	..	..	..	..
c	Jones, F.....	Laurens	"	P 17	..	..	..	..	..	..	..
c	Lockwood, W. H....	Beaufort	"	P 16	..	..	..	..	..	..	..
c	Lowndes, C. R.....	Charleston...	"	P 15	..	..	..	..	..	..	..
c	Scheper, H. E.....	Beaufort	"	P 16	..	..	..	..	..	..	..
c	Siegling, H.....	Charleston...	"	P 17	..	..	..	..	..	..	..
c	Stone, C. B.....	Greenville ..	"	P 17	..	..	..	..	..	..	..
c	Waring, E. P.....	Charleston...	"	P 17	..	..	..	..	..	..	..
c	Wieters, O. F.....	Charleston...	"	P 16	..	..	..	..	..	..	..
c	Williams, J. A.....	Barnwell....	"	P 17	..	..	..	..	..	..	..
c	Willis, W. W.....	Barnwell....	"	P 18	..	..	..	..	..	..	..
c	Wilson, W. B.....	Clarendon...	"	P 17	..	..	..	..	..	..	..
c	Wilson, G. L.....	Oconee.....	"	P 16	..	..	..	..	..	..	..

NOTE.—c. Honorably discharged.

CONDUCT ROLL—CORPS OF CADETS—165 MEMBERS.

Position.	NAME.	Class.	Merits.	Demerits.	Position.	NAME.	Class.	Merits.	Demerits.
1	Lucas	3	81	.....	44	Lee	4	11½	
2	Cantey	3	72½	.....	44	Fike	4	11½	
3	Thomas, A.	2	58	.....	46	Aveilhe.	1	14	
4	Coffin	2	56½	.....	47	Ellison.	4	16	
5	Perrin, J.	1	55½	.....	48	Frost.	1	16½	
6	Bowen.	3	53½	.....	49	Roberts.	1	21½	
7	Lorick.	1	48½	.....	50	Carter.	1	23½	
8	Stackhouse.	4	43½	.....	51	Fishburne, E. . .	3	26	
9	West	4	42	.....	51	Gregory.	4	26	
10	Lipsey.	4	41	.....	51	Jeffords.	4	26	
11	Spivey.	1	39	.....	54	Gourdin.	3	31	
12	McElwee.	2	37	.....	54	Stevenson.	4	31	
13	Mims.	3	36½	.....	56	Shanklin.	3	32	
14	Salley, G.	4	32½	.....	57	Rouse.	4	32½	
14	Babb.	4	32½	.....	57	Clement.	4	32½	
14	Thomas, J.	2	32½	.....	59	McMaster.	4	34	
17	Etheredge.	2	30½	.....	60	Hiers.	4	34½	
18	Salley, D.	1	27	.....	61	Dean.	2	35	
18	Humphreys.	1	27	.....	62	McClellan.	4	36½	
20	DePass.	4	26½	.....	63	Goss.	3	37½	
21	McGhee.	2	24½	.....	64	Fraser.	1	38	
22	Mauldin.	1	22	.....	65	Ready, E.	4	39½	
23	Stephens.	4	21	.....	66	Matheson.	4	40½	
24	Jervey, W. S. . .	4	20	.....	67	Fishburne, C. . .	4	41½	
25	Whaley.	1	19½	.....	67	Peurifoy.	4	41½	
26	Perrin, R.	3	19	.....	69	Cozby.	4	42	
27	Johnston.	4	18½	.....	70	McIntosh.	4	44½	
28	Beckwith.	2	18	.....	71	Andrews.	2	46	
29	Atkinson.	3	17½	.....	72	Harby.	3	47½	
30	Hasell.	2	10½	.....	73	Wilson.	3	48	
31	Law.	4	9½	.....	74	Anderson.	4	48½	
32	Stribling.	3	8	.....	75	Scaife.	2	50	
33	Tompkins.	4	6½	.....	76	Jervey, W.	4	51½	
34	Hornbeck.	4	4½	.....	77	Dial.	3	52½	
35	Hunter.	4	3	.....	77	Moore.	4	52½	
35	Peterkin.	4	3	.....	79	Langford.	4	58	
37	Burriss.	4	1½	.....	80	Moroso.	4	58½	
38	Gregg.	4	.....	5½	81	Dukes.	4	59	
38	Hutto.	4	.....	5½	82	Elliott.	4	61½	
38	Tillinghast.	1	.....	5½	83	Stuckey.	4	67	
41	McCully.	1	.....	7	84	Bostick.	4	67½	
42	Hughes.	4	.....	7½	85	Dowling.	4	71	
43	Huguenin.	2	.....	9	86	Robertson, J. . .	1	74	

CONDUCT ROLL—CORPS OF CADETS—165 MEMBERS.

Continued.

Position.	NAME.	Class.	Merits.	Demerits.	Position.	NAME.	Class.	Merits.	Demerits.
87	Oliver	1	...	75½	NOT GRADED.	Brunson	3	...	...
87	Turlington	4	...	75½		Buckingham	2	...	...
89	Kearney	4	...	76		Connelley	3	...	...
90	DuPre	4	...	77		Croswell	3	...	...
91	Caldwell	4	...	80		Dial, J. C.	3	...	...
92	Barnwell	4	...	87½		DuBose	3	...	...
93	Hinnant	4	...	89		Enlow	4	...	...
94	Manning	2	...	90½		Evans	4	...	...
95	Robertson, W.	4	...	91½		Fripp	3	...	...
96	Magrath	1	...	95		Frost, E. H.	3	...	...
97	Neeley	4	...	96½		Gilchrist	2	...	...
97	Ready, W.	4	...	96½		Green	4	...	...
99	Verdier	3	...	98½		Gregg, J. W.	3	...	...
100	Earle, R.	4	...	99½		Jervey, L. S.	4	...	...
101	Sloan	4	...	105½		Jones	4	...	...
102	Stone	4	...	106		Keith, W. H.	3	...	...
103	Reid	4	...	115		Lockwood	4	...	...
104	Brailsford	1	...	117½		Lowndes	4	...	...
104	Norris	4	...	116½		Oetjen	3	...	...
106	Blythe	1	...	117		O'Neal	3	...	...
107	Baskin	4	...	120½		Pinckney	2	...	...
108	Gwynn	4	...	123		Richardson	3	...	...
109	Moorer	2	...	124		Salley, A. S.	1	...	...
110	Brown	4	...	127		Sanders	4	...	...
111	Hart	3	...	129½		Satcher	3	...	...
112	Smith	4	...	134½		Scheper	3	...	...
113	Padgett	2	...	138½		Seigling	4	...	...
114	Earle, J.	3	...	141½	Simons	1	...	...
115	Keith	4	...	142	Smyth	3	...	...
116	Odom	4	...	155½	Smith	2	...	...
117	Legare	4	...	160½	Snowden	3	...	...
118	Woodward	3	...	161½	Stone, C.	4	...	...
119	Logan	4	...	163½	Waring	4	...	...
120	O'Neale	4	...	195½	Williams	4	...	...
121	Jackson	4	...	200	Willis	4	...	...
122	DeSaussure	4	...	def.	Wilson, W. B.	4	...	...
Not Graded.	Alexander	3	...	...	Wilson, G. L.	4	...	...
	Betha	3	...	...	Walker	2	...	...
	Boykin	3	...	...	Wilcox	2	...	...
					Wieters	4	...	...

APPOINTMENTS TO THE S. C. M. A. FOR 1891-92.

No.	NAMES.	CLASS.		COUNTY.	STATE.
		Bfy.	Pay.		
1	J. B. Allison		P	York	S. C.
2	J. J. F. Barnes	B		Aiken	S. C.
3	S. M. Beaty		P	Union	S. C.
4	R. E. Boggs	B		Pickens	S. C.
5	S. H. Booth	B		Horry	S. C.
6	H. W. Bond		P	Chester	S. C.
7	A. Douglass	B		Richland	S. C.
8	C. E. Fleming		P	Spartanburg	S. C.
9	A. Flud		P	Sumter	S. C.
10	C. I. Green	B		Orangeburg	S. C.
11	W. T. Green		P	Richland	S. C.
12	W. P. Hall		P	Charleston	S. C.
13	W. C. Harlee		P	Marion	S. C.
14	C. R. Harvin	B		Clarendon	S. C.
15	P. T. Hayne	B		Greenville	S. C.
16	C. Huguenin		P	Charleston	S. C.
17	J. M. Ivy		P	York	S. C.
18	L. S. Jervey		P	Charleston	S. C.
19	S. D. Jervey		P	Charleston	S. C.
20	R. E. Lee		P	Abbeville	S. C.
21	A. Levy		P	Richmond	Ga.
22	H. L. McCall		P	Marlboro	S. C.
23	J. C. McElroy		P	Greenville	S. C.
24	C. Martin		P	Richland	S. C.
25	R. G. Mills		P	Chester	S. C.
26	J. E. Minter		P	Laurens	S. C.
27	R. W. Minus		P	Colleton	S. C.
28	F. L. Parker, Jr.		P	Charleston	S. C.
29	C. D. Rolliins	B		Williamsburg	S. C.
30	E. S. Read	B		Georgetown	S. C.
31	S. W. Reaves	B		Marion	S. C.
32	L. S. Riley		P	Barnwell	S. C.
33	B. M. Roberts		P	Barnwell	S. C.
34	A. S. Salley		P	Orangeburg	S. C.
35	W. C. Schurche		P	Charleston	S. C.
36	C. F. Schwing		P	Greenville	S. C.
37	C. B. Smith		P	Union	S. C.
38	F. Speer	B		Abbeville	S. C.
39	L. C. Speers		P	Newberry	S. C.
40	C. B. Stone		P	Greenville	S. C.
41	W. M. Walker		P	Cumberland	N. C.
42	E. R. Wallace		P	Union	S. C.
43	H. E. Whitner		P	Anderson	S. C.
44	W. P. Witsell	B		Colleton	S. C.
45	J. B. Livingston	B		Richland	S. C.
46	F. S. Wilcox		P	Polk	N. C.
47	P. M. Grausman		P	Wake	N. C.

BATTALION ORGANIZATION.

November 1, 1891.

ADJUTANT—HUGUENIN, D. QUARTERMASTER—MCGHEE.
 SERGEANT-MAJOR—PERRIN. QUARTERMASTER—LUCAS.

<i>“ Company A.”</i>	<i>“ Company B.”</i>	<i>“ Company C.”</i>	<i>“ Company D.”</i>
Captain, DEAN, 1.	Captain, THOMAS, A., 2.	Captain, COFFIN, 3.	Captain, ETHEREDGE, 4.
Lieutenant, McELWEE, 1.	Lieutenant, HASELL, 2.	Lieutenant, BECKWITH, 4.	Lieutenant, ANDREWS, 3.
First Sergeant, CANTEY, 1.	First Sergeant, DIAL, 3.	First Sergeant, BOWEN, 2.	First Sergeant, EARLE, J., 4.
Sergeants, VERDIER, 1. STRIBLING, 5. WILCOX, 9.	Sergeants, THOMAS, J., 3. HARBY, 6.	Sergeants, SHANKLIN, 4. GOURDIN, 8.	Sergeants, MIMS, 2. FISHBURNE, E., 7
Corporals, WEST, 1. BURRIS, 5. LEE, 11. BARNWELL, 12. STACKHOUSE, 17.	Corporals, DEPASS, 2. HORLBECK, 7. COZBY, 9. ANDERSON, 14. PEURIFOY, 20.	Corporals, MATHESON, 4. JOHNSTON, 8. McINTOSH, 13. GREGG, 15. BABB, 18.	Corporals, PETERKIN, 3. LIPSEY, 6. STEVENSON, 10. KEARNEY, 16. HUGHES, 19.

Figures indicate relative rank.

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, Bookkeeping.

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 (completed.)

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, and Military Engineering.

SCHEDULE OF RECITATIONS, FIRST TERM, SESSION OF 1891-92.

		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.
FIRST CLASS.		Moral Science to Col. Coward.	Mathematics to Maj. Thomas.	Mil. Science, Tues. and Thurs., to Lt. Towers.	Chemistry to Maj. Reese.	German every other day to Capt. Mazyck.	Drawing every other day to Lt. Bond.
SECOND CLASS.		Mathematics to Maj. Thomas.	Chemistry to Maj. Reese.		English to Maj. Cummings.	German every other day to Capt. Mazyck.	Drawing every other day to Lt. Bond.
THIRD CLASS.	1st Section.		French every other day to Capt. Mazyck.	Mathematics to Maj. Thomas.	Physics to Lt. Coleman.	Drawing every other day to Lt. Bond.	English to Maj. Cummings.
	2d Section.	Physics to Lt. Coleman.	French every other day to Capt. Mazyck.		Mathematics to Maj. Thomas.	Drawing every other day to Lt. Bond.	
	3d Section.	English to Maj. Cummings.	Mathematics to Lt. Bond.	Physics to Lt. Coleman.	French every other day to Capt. Mazyck.	Drawing every other day to Lt. Bond.	
	4th Section.			Mathematics to Lt. Bond.	French every other day to Capt. Mazyck.	Drawing every other day to Lt. Bond.		Physics to Lt. Coleman.
FOURTH CLASS.	1st Section.	French every other day to Capt. Mazyck.	Mathematics to Lt. Johnson.		English to Lt. Johnson.		Physics every other day to Maj. Reese.
	2d Section.	French every other day to Capt. Mazyck.		Mathematics to Lt. Johnson.		English to Lt. Johnson.	Physics every other day to Maj. Reese.

FINANCES.

The Superintendent's Report of Receipts and Disbursements on account current expenses of the fiscal year shows a balance of \$110.99 cash in hand. His vouchers have, in accordance with law, been filed with the Comptroller-General.

The expenditure per Cadet has been, as heretofore, \$300 per annum.

The usual appropriation of \$20,000 for "the free education and maintenance" of sixty-eight beneficiary Cadets is asked.

FUND COLLECTED FROM THE FEDERAL GOVERNMENT.

This was an amount collected from the Federal Government in settlement of rent and damage due the State for use and occupation of the Citadel building from 1865 to 1882, during which time the Military School was suspended.

A part of this amount, to wit, \$59,750, has heretofore been directed, by the General Assembly, to be paid to the Board of Visitors for the rebuilding, repair and equipment of the Academy.

The disbursement of this fund has been, in previous reports of the Board of Visitors, accounted for as the work progressed, and vouchers for all payments duly filed with the Comptroller-General. At the last report there was in the hands of the Board, to be accounted for, \$5,592.51.

A detailed statement of expenditures upon this account during the last year is appended, vouchers for which have also been filed in the Comptroller's office. The balance in hand shown of this date, to wit, \$1,043.69, is due for books for the library, to be paid for when delivered.

ARMAMENT.

Until recently the arms and accoutrements in use at the Academy were of those belonging to the State. These have been turned in to the Adjutant General for the use of the Militia, and the Corps is now equipped with arms and accoutrements received from the Federal Government, a list of which is appended. For the safe keeping and return upon demand of these arms a bond of \$10,000 was required, and has been executed by the President of the South Carolina University, (of which the Military Academy is a branch,) with Messrs. C. S. Gadsden and Johnson Hagood as securities thereto. A Joint Resolution at the last session of the General Assembly pledged indemnification on the part of the State to the sureties which were required by the Federal Government.

ENLARGEMENT OF THE BOARD OF VISITORS.

It is respectfully recommended to the General Assembly to enlarge the Board of Visitors by adding to its *ex-officio* membership the respective Chairmen of the Committee on the Military in each House and also the State Superintendent of Education.

The interest of the Academy and of the State, it is believed, will be subserved in thus securing the presence upon the floor of each House at all times a member of the Board, who being fully informed can promptly and officially answer all inquiries that may be made and meet any explanations which may be required in the management of the Academy.

The presence of the Superintendent of Education upon the Board will connect the Military Academy more completely with the general school system of the State, and also give a member whose counsel will be valuable.

The recommendation here made is the result of mature thought on the part not only of the existing Board of Visitors, but of very many who, taking an especial interest in the Military Academy, seek its welfare and extended usefulness.

JOHNSON HAGOOD, Chairman.

 DETAILED STATEMENT FEDERAL FUND.

1890.					
Nov.	1,	Balance per account rendered.....			\$5,594 51
"	19,	Paid Laboratory,	V. 1....	\$ 878 94	
1891.					
Feb.	26,	" Library,	V. 2....	919 00	
Mar.	2,	" "	V. 3....	9 00	
"	6,	" "	V. 4....	1,200 00	
April	4,	" "	V. 5....	60 00	
"	7,	" "	V. 6....	526 64	
"	29,	" "	V. 7...	14 20	
May	2,	" Library and Lab'ty,	V. 8....	19 87	
June	2,	" Library,	V. 9....	3 71	
"	4,	" Laboratory,	V. 10....	142 33	
"	13,	" Library,	V. 11....	545 09	
"	16,	" "	V. 12....	1 75	
Aug.	1,	" "	V. 13....	97 18	
Nov.	7,	" "	V. 14....	133 11	4,550 82
"	7,	Balance.....			\$1,043 69

LIST OF ORDNANCE AND ORDNANCE STORES

Received at South Carolina Military Academy, Charleston, S. C.,
from the United States Arsenal at Rock, Island, Ill.:

- 2 Three (3) inch rifled guns.
- 2 Carriages and limbers.
- 2 Gunner's haversacks.
- 2 Handspikes (trail.)
- 4 Lanyards.
- 2 Priming wires.
- 4 Sponges and rammers.
- 4 Sponge covers.
- 2 Tube pouches.
- 4 Thumbstalls.
- 2 Tompions.
- 2 Vent covers.
- 1 Pendulum hausse.
- 1 Pendulum hausse seat.
- 1 Pendulum hausse pouch.
- 2 Paulins.
- 150 Springfield Cadet rifles, cal. .45, with appendages.
- 150 Bayonet scabbards, steel.
- 150 Waist belts and plates.
- 150 Cartridge boxes.
- 8 Arm chests.

Counted and verified.

WM. W. WHITE,
Quartermaster S. C. M. Academy.

CHARLESTON, S. C., October 15, 1891.

SUPERINTENDENT'S REPORT.

SOUTH CAROLINA MILITARY ACADEMY,
CHARLESTON, S. C., November 3, 1891.

To the Board of Visitors of South Carolina Military Academy.

GENTLEMEN: I have the honor to submit the following report on the affairs of the Academy from October 1, 1890, up to the present time. There were admitted and already upon the roll in October, 1890, as follows:

Beneficiary Cadets.....	68
Pay Cadets.....	96
	164
Total.....	164
One pay Cadet was admitted June 1, 1891.....	1
And another April 1, 1891.....	1
	166
Making total number on the roll for the year.....	166
There were upon the roll at the end of the academic year, July 1, 64 beneficiary and 58 pay Cadets; in all.....	122
	44
Total casualties.....	44
These casualties are accounted for as follows:	
Rejected after probation.....	5 (P.)
Discharged as deficient.....	15 (2 B. and 13 P.)
Honorably discharged.....	20 (1 B. and 19 P.)
Permitted to withdraw.....	1 (P.)
Suspended under par. 55, Regulations.....	3 (1 B. and 2 P.)
	44
Total.....	44

Of the 122 Cadets upon the roll on July 1 there were graduated of that date the first class, numbering nineteen.

I am happy to state that there has been no case of death among the Cadets, and very few cases of serious illness. Only among the latter were two cases of facial erysipelas, and three of pneumonia, resulting from the epidemic, La Grippe, prevailing in January and February. All of these have made good recovery. Two Cadets were absent sick during the final examination, namely, Cadet Brailsford of the First Class, and Cadet Elliott of the Fourth. Both of these had suffered from La Grippe, Cadet Elliott being one of the pneumonia cases mentioned. The slow, lingering type of fever brought on by the hot weather of June was, in these cases, doubtless, due rather to the nervous prostration produced by the grippe than to any local cause.

Neither of these cases presented the enteric symptoms characteristic of typhoid fever. Both Cadets were entirely free from fever when furloughed, the one on the 23d, and the other on the 26th of June.

The Academic Board recommended that Cadet Brailsford be given his diploma upon his passing satisfactory examination in October upon all the studies upon which his class was examined at the final examination, and that Cadet Elliott be advanced to the third class upon the same condition.

The discipline of the corps has steadily improved. There has not been a case of insubordination or combination of disorder since my last report. I have had but three cases of highly improper conduct to deal with, and in each of these the Cadet or Cadets involved, in a frank and manly way, acknowledged their participation and bore their appropriate punishment.

At the final examination in July four members of the Fourth Class were found deficient and were turned back to join the next year's Fourth Class.

During the first half of the year, in my capacity as Professor, I met the First Class in two sections daily in moral philosophy; in the second half, in one section daily in political science, using in the former Hickok's Moral Science, and in the latter Story on the Constitution, and giving in each supplementary lectures as occasion prompted. From the 1st of April to the 10th of June I gave condensed lectures on teaching once a week. Throughout the year I have given two hours daily to two sections of the Fourth Class in Algebra, thus making fifteen hours a week in the class room.

The reports of other Professors of work in their respective departments are hereto appended.

Daily chapel services have been conducted by me throughout the year.

The Young Men's Christian Association has kept up its work with commendable zeal. Eighty-seven Cadets were upon its roll of membership, and of these (45) forty-five were *active, i. e.*, regular members of some evangelical Church.

On the 2d of July, in accordance with your instructions, the Corps of Cadets, 101 in number, were transported by rail to Spartanburg, S. C., and went into encampment there the evening of the same day. They were accompanied by all the officers of the Academy except Major Cummings, who was detailed to take charge of the post at the Citadel. By the thoughtful and generous contribution of \$300 from the City Council of Charleston, through his Honor the Mayor, we were able to carry with us a well-equipped band of uniformed musicians, whose valuable services greatly stimulated the

military spirit of the Cadets and enhanced the pleasure of their friends. The citizens of Spartanburg received us with graceful and unstinted hospitality, and throughout our stay gave every manifestation of interest in our comfort and pleasure.

During this encampment, besides the daily ceremonies of guard-mounting, and dress parade when the weather permitted, the Cadets were given practical instructions in all camp duties, and field practice in surveying, railroad engineering, and leveling for topography. The variable and sometimes stormy weather hindered the plans I had projected for marches, bivouacs and picket duty away from the shelter of tents. The health of the corps was excellent, and I am proud to report that the soldierly and gentlemanly deportment of the Cadets was a subject of gratifying comment by the citizens of Spartanburg and the officers of the Academy. Camp was broken on the evening of the 15th of July, and the Cadets were furloughed from 12 o'clock that night to 12 M. October 1st.

Of the ninety-nine Cadets upon the roll October 1st, ninety-six reported promptly for duty on the expiration of their furlough. The three absentees were Cadets Stribling, detained by sickness, since reported for duty; G. S. Salley, since honorably discharged; J. R. Hart, honorable discharge applied for.

Of the forty-eight recruits who presented warrants of admission, forty-seven have been matriculated and enrolled, and one (1) was rejected on account of lack of sufficient preparation to undertake the work of the Fourth Class. There are now, therefore, upon the Cadet roll of the Academy ninety-seven old Cadets, not including Hart, and forty-seven new; making total enrollment 144. Of these sixty-eight are Beneficiary, and seventy-six are Pay Cadets.

In accordance with the resolution of the Academic Board, Cadet A. M. Brailsford, member of the last graduating class, and absent sick at the time of the final examination, presented himself and passed a satisfactory examination upon all the studies upon which his class was examined for graduation. He was, therefore, given his diploma, and his name was placed on the roll of graduates.

Cadet Elliott, who was also absent sick during the June examinations, was after special examination allowed to advance with his class.

Four cases of discipline reported by me to the Chairman of the Board now await your action.

I also ask definite action by the Board on the question of "assignment of quarters to officers;" not only in the matter that has been laid before the Chairman, but in the fixing, if possible, of the line of action to be pursued by the Superintendent in the future.

The institution is now supplied with 150 Cadet rifles and two three-inch rifled steel guns, and all proper equipments, by the United States Government. The arms formerly in use have been returned to the Adjutant and Inspector General of the State, in accordance with your instructions.

The buildings and property of the Academy are in fine, serviceable condition. During the vacation the floors of Cadets' rooms were stained and the wainscoats were repainted. This work was done to bring about more uniformity of appearance and a more satisfactory adjustment of responsibility for defacement by the occupants.

I have report, after proper investigation, that the official bond of the Quartermaster is in satisfactory condition.

Respectfully submitting this Report with the accompanying papers listed below, I have the honor to be, very respectfully,

Your obedient servant,

ASBURY COWARD, Superintendent.

Report of the Professor of Military Science and Tactics.

SOUTH CAROLINA MILITARY ACADEMY,

June 29, 1891.

COL. ASBURY COWARD,

Superintendent South Carolina Military Academy.

SIR: I have the honor to report that the instruction in the Department of Military Science and Tactics for the past year has been theoretical and practical. The theoretical instruction has been confined to the First and Second Classes. For the First Class, it has embraced Military Law, Art and Science of War and Field Fortifications, with the general method of conducting siege operations. For the Second Class, it has embraced Infantry Tactics, and in Artillery Tactics the service of the field gun. The entire Battalion has received practical instruction in Infantry Tactics and Guard Duty—the Second and Third Classes in Artillery Tactics. The course of practical instruction has not been as complete as it should be, and as it will be in the future.

This has resulted from two causes: First, none of the old Cadets had been instructed in Artillery Tactics so as to render them capable of assisting in drilling in that branch, but the higher classes had to be given all the details of elementary instruction; second, there existed, on the part particularly of some of the non-commissioned officers, a lamentable state of ignorance of their duties, so that much time had to be spent in rendering them competent to give instruction to recruits.

This, I am confident, will not occur in the future.

Very respectfully,

Your obedient servant,

JNO. O. TOWERS,

Second Lieutenant First Artillery,

Commandant of Cadets and Professor of Military Science and Tactics.

SOUTH CAROLINA MILITARY ACADEMY,

November 1, 1891.

COL. ASBURY COWARD, *Superintendent.*

SIR: I have the honor to submit the following with reference to instruction in the Department of Military Science and Tactics since my last report on June 29, 1891:

During the encampment from July 2d to 15th, at Spartanburg, S. C., the Battalion was instructed practically in all the duties of guards and sentinels, and in the daily routine of camp life, including the pitching and striking of tents. Routine drills were suspended, but dress parades and inspections held. The absence of the graduating class was a serious drawback; with Cadet officers inexperienced in their new positions, it is impossible for the Battalion to present the creditable appearance that it has later on. I would earnestly recommend that, if possible, the graduating class be kept for the encampment, in order that the Battalion may do itself justice in the eyes of the people of the State. Since the opening of the present session the First Class has been instructed in Military Law. As a class it is not doing well. Practically, the First, Second and Third Classes are being instructed in the school of the company, the Fourth Class in the school of the soldier. The progress of the latter class has been more rapid than at the same time last year, owing to greater efficiency on the part of the Corporals as instructors. The Battalion is now armed with rifles obtained from the United States, and has also two 3-inch muzzle-loading field guns from the same source.

It would be of great advantage if a modern machine gun could be obtained for the purpose of instruction.

Very respectfully,

Your obedient servant,

JNO. O. TOWERS,
Second Lieutenant First Artillery, U. S. A.,
 Professor of Military Science and Tactics.

Report of the Professor of English Literature and History.

SOUTH CAROLINA MILITARY ACADEMY,
 CHARLESTON, S. C., June 29, 1891.

TO COL. ASBURY COWARD,
Superintendent.

SIR: In review of my department during the past academic year, I beg to submit the following:

During the first half of the year I took the Second Class through Shaw's "English Literature," and the Third Class through Swinton's "Outlines of General History." Through the latter half of the year the Second Class finished a course in Intellectual Philosophy, using as a text-book Alden's work on that subject. In connection with this they studied critically one of Shakespeare's plays, using Hudson's edition. The Third Class during this time studied "The Principles of Rhetoric," by A. S. Hill, and also Professor Jevons' "Logic." Throughout the year I have given the First, Second and Third Classes frequent lectures on literary composition, history and kindred subjects. The benefit is, indeed, most appreciable; and I am glad to say that since the library has been opened to the Cadets, I have felt the help it has given me in this connection. One other feature I might mention: I have made it a rule to use a few minutes of each hour in the section-room for practice in the etymology and meaning of words. I have used for this purpose Phye's "7,000 Words Often Mispronounced." The application and progress of the classes has been better during the latter half of the year than during the first.

Very respectfully submitted.

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

SUPPLEMENTARY STATEMENT.

SESSION OF 1891-92.

The work done by the classes in the month of October, 1891, is as follows :

The Second Class has made good advance in the study of English Literature, using Shaw's Manual on that subject as a text-book. I have given them frequent readings from the works of the various authors under consideration. This class recites daily, and has nineteen members on the roll.

The Third Class has begun the study of General History, using as a text-book Myers' "General History." The class has sixty-six members on the roll, and recites daily.

The Fourth Class, in the charge of Lieut. Johnson, has taken up the study of English Grammar.

Respectfully submitted.

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

Report of the Professor of Chemistry and Physics.

SOUTH CAROLINA MILITARY ACADEMY,
November 4, 1891.

COL. ASBURY COWARD,
Superintendent.

SIR : I have the honor to submit the following report concerning the Department of Chemistry and Physics for the year ending October 31, 1891 :

For the academic year ending in June the work was most satisfactory, the schedule having been carried out without a single break from the beginning to the end. The students, as a whole, showed a more decided interest in their work, and exhibited a determination such as I have never seen in the Academy before to accomplish the courses with credit to themselves and the school. I attribute this extra exertion on their part to the fact that they were required to not only attain a certain general average, but also to reach this same

standard on their separate examination, which was not the case in previous years.

I instructed the First Class in Organic Chemistry, Geology and Astronomy, the Second Class in General Chemistry and Mineralogy. In all of these subjects the classes were instructed by lectures, and recitations have been carried on for the purpose of grading them.

The other subjects in the department were taught by Lieut. Coleman, Assistant Professor of Chemistry and Physics to the Third and Fourth Classes.

As to the present academic year, through which we have only passed five weeks, I have been instructing, beside the First and Second, the Fourth Class, and Lieut. Coleman is teaching the Third.

The First Class has been studying Organic Chemistry, the Second General Chemistry (inorganic), and the Fourth Physical Geography.

The work of this year, First and Second Classes, I am sorry to report, has not been up to the standard of that done last year. As to the Fourth Class, I have never had them before, and consequently have no means of judging them by way of comparison. Their preparation for the work in most cases is certainly poor, while that of a few is excellent. Of course I cannot look for as good work from the classes in general, owing to the change made in the regulation, which enables any student to pass into a higher class although he may entirely neglect the particular subject or department. It would be very much better to allow a student to drop any one department for which he has a dislike, or in which he finds that he cannot get along, than to have him neglect it, for the latter course has a decidedly demoralizing influence on the rest of the class.

The department is thoroughly equipped, and the classes have every advantage possible according to the method of instruction at present required by the regulation.

I wish to call the attention of the Superintendent to the fact that my classes suffer materially from the present method of daily marking, which is thoroughly incompatible with modern methods of scientific teaching. Much time is lost in trying to find out what the poor student knows, or does not know, with the aim of giving him a grade at the expense of the good student, rather than with the aim and possibility of teaching him. I would suggest that the system of marking be done away with in this department, and that a system of monthly trial examination of an hour or two be adopted in order to grade them.

The present method in use in this institution of teaching Chemistry is one which has been substituted, or rather supplemented, by a course of practical laboratory work for the student in most high

grade institutions in this country and abroad. It is my hope and sincere wish that in the near future the course here may be so modified that a laboratory course may be introduced, so that the student can get some practical knowledge of the science by actually handling the materials.

I have given this matter a great deal of thought, and I feel sure that at a very slight additional expense to the Academy, and with a slight change in the hours arranged for work, this improvement can be brought about. I would be very glad to draw up a plan for such a change, if it is so desired, and would add such a plan to this report if time permitted.

Very respectfully submitted.

CHAS. L. REESE,

Major and Professor of Chemistry and Physics.

Report of the Professor of Mathematics and Engineering.

THE CITADEL,

CHARLESTON, S. C., June 29, 1891.

COLONEL A. COWARD, *Superintendent*.

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

At the beginning of the academic year in October last, I took charge of the instruction of the First Class, numbering twenty-one Cadets. The text book for the first term was Analytic Mechanics, involving the use of the Calculus. The class was divided into two sections and one hour was devoted to each section. Before the semi-annual examination two members of this class were honorably discharged. The remainder of the class accomplished the subject.

In October I also took charge of the Second Class, twenty-one members, divided into two sections, one hour being devoted to each section. The subject for the first term was Analytical Geometry. After the semi-annual examination the class was reduced to fifteen members. All, however, that appeared before me for examination accomplished the subject. During the first term, Lieutenant Bond, Assistant Professor of Mathematics, had charge of the instruction of

SOUTH CAROLINA MILITARY ACADEMY,
November 1, 1891.

COL. A. COWARD,
Superintendent.

SIR: In accordance with your instructions I have the honor to make the following supplemental report in regard to the Department of Mathematics and Engineering:

The First Class, sixteen members, commenced in October the study of Analytic Mechanics, involving the use of the Calculus. One hour each day is devoted to this recitation.

The Second Class, eighteen members, were first instructed in the elements of Spherical Trigonometry. The subject of Analytical Geometry was then taken up. One hour each day is devoted to this recitation.

The Third Class, sixty-six members, was divided into four sections. The subject of Plane Geometry was commenced in October, one hour each day for recitation.

The Fourth Class, forty-four members, was divided into two sections, and commenced Algebra. One hour each day is devoted to this recitation.

I have personal charge of the instruction, of the First and Second Classes, and of the first and second sections of the Third Class. Lieutenant Bond instructs the third and fourth sections of the Third Class, and Lieutenant Johnson the first and second sections of the Fourth Class.

Very respectfully, your obedient servant,

ROBT. G. THOMAS,
Professor of Mathematics and English.

Report of the Instructor of Modern Languages.

CHARLESTON, S. C., June 27, 1891.

To COL. ASBURY COWARD, *Superintendent.*

SIR: I beg leave to make the following report as to the progress, &c., of the classes under my charge during the past year. The studies and hours assigned to each class have been the same as stated in my last report, viz.: French in the Fourth and Third Classes and Ger-

man in the Second and First, each class having ten hours per month. Some change was made after February as to the division of classes, the Fourth Class being divided into four sections and the Third Class consolidated into one. The plan proposed in my former report has been successfully carried out, the various sections and classes being quite up to their predecessors, not only in ground passed over, but also in acquirement.

Since February, the Fourth Class in French and the Second in German have been engaged in translation, for which the previous five months was a preparation. Special attention has been paid to construction and verb forms, and the progress gratifying. The Third Class (French) and the First (German) have pursued their reading on a more advanced scale, and have attained a facility quite proportionate, I think, to the time devoted to their respective studies. The results of the examinations in my department have been very satisfactory.

Very respectfully,

P. P. MAZYCK,
Captain, and Instructor Modern Languages.

CHARLESTON, S. C., October 31, 1891.

TO COL. ASBURY COWARD, *Superintendent*.

SIR: I beg leave to make the following supplemental report as to the classes, studies, &c., of the department under my charge. This department embraces all the classes of the Academy. The First and Second Classes being engaged in the study of German and the Third and Fourth in the study of French. The First Class—16 members—forms one section. Alternating with the Second Class, they have ten recitations per month. They promise very well and will compare favorably with preceding classes. The Second Class—18 members—also forms one section. They have made a most excellent beginning, and it shall not be from want of effort on my part if their zeal and interest does not hold out. The Third Class—66 members—is divided into four sections, alternating with each other, and having ten recitations per month. This class contains good material, and I hope that with care and attention will not prove disappointing. The Fourth Class—44 members—is divided into two sections. It is rather early to pronounce judgment on them, as the study is new to most of them, and some allowance must be made for want of previous training. They are well behaved and attentive and promise fairly well. They also have ten recitations per month, the sections alternating.

I have seen no reason to change my views (in fact they are rather confirmed) as to the most valuable use of the time allotted to me, viz.: to aim at a knowledge of the "machinery" of the language, and then illustrate its use by as copious readings as the time and opportunity will allow.

Very respectfully,

P. P. MAZYCK,
Captain, and Instructor Modern Languages.

Report of the Department of Drawing, Bookkeeping and Mathematics.

CITADEL, CHARLESTON. S. C., June 29, 1890.

COL. ASBURY COWARD, *Superintendent*.

SIR: The work accomplished during the past academic year in my department has been on the whole very satisfactory. The Third Class succeeded in completing the Geometry and about half of the Trigonometry during the first term. The work done by this class in Descriptive Geometry and Drawing during the second term has been the best in several years. The Fourth Class in Algebra during the past term has done fairly well. I think the evidences of improvement, owing to our stricter examinations, are very plain, and that next year the benefit will be even greater. The first class in Bookkeeping has accomplished the prescribed course satisfactorily. It compares more than favorably with last year's class. The Second Class during the first term was rather backward with Topographic Drawing, but has done excellently in Architectural Drawing since February. I would respectfully call attention to the need of a better drawing room and desks. These will be essential to a better development of the Drawing Department. The light afforded by the small windows of the present room is entirely inadequate, and the desks in use are very inconvenient. I would also suggest, in view of the limited amount of work that the Fourth Class does, that if drawing, either free-hand or elementary mechanical, could be added, that the much earlier advance in the department thus accomplished would add greatly to its improvement.

Respectfully,

O. J. BOND,
Second Lieutenant and Assistant Professor of Mathematics, in Charge
of Drawing and Bookkeeping.

CITADEL, CHARLESTON, S. C., November 2, 1891.

COL. ASBURY COWARD, *Superintendent*.

SIR: I have the honor, in obedience to your request, to submit the following supplemental report of the work done in the Department of Drawing and Assistant Mathematics. The First Class is engaged in Architecture, drawing plans, elevations and details of dwellings, stores and other works of construction. This subject will be discontinued in February, when the class begins Bookkeeping.

The Second Class is now engaged in Topographic Drawing, and in February will begin Architectural Drawing.

The Third Class has begun the subject of Mechanical Drawing—the instruction being elementary. In connection with the Geometry the book on drawing used by the class is very helpful and could not well be taken up at any other time. If the Fourth Class could receive instruction in free-hand drawing, I think that the results would be beneficial throughout the entire course.

The Third Class is partly in my charge in Mathematics. The third and fourth sections of that class are making satisfactory progress in Geometry, which will be completed about the second week in January, at which time the subject of Trigonometry will be begun.

Very respectfully,
O. J. BOND,
Assistant Professor Mathematics, in Charge of Drawing.

FINANCIAL REPORT.

Superintendent's Annual Account of Receipts and Expenditures for Fiscal Year Ending October 31st, 1891.

1890.			1890.			
Nov.	To balance on hand Nov. 1st, 1890	\$ 10 31	Nov. 30.	Paid as per Quaterm'rs Statements		\$4,945 43
	“ Beneficiary Fund, 12 months..	20,000 00	Dec. 31.	“ “ “ “		251 19
	“ Pay Fund for 12 months.....	22,733 33	1891.			
	“ Insurance from State Treasurer	400 00	Jan. 31.	“ “ “ “		7,703 22
	“ Quartermaster's sales.....	281 27	Feb.	“ “ “ “		2,693 66
			March	“ “ “ “		4,430 19
			April	“ “ “ “		3,954 22
			May	“ “ “ “		4,498 95
			June	“ “ “ “		3,477 31
			July	“ “ “ “		2,150 51
			Aug.	“ “ “ “		1,756 04
			Sept.	“ “ “ “		1,376 91
			Oct.	“ “ “ “		6,076 29
				By balance		110 99
		\$43,424 91				\$43,424 91