



OFFICIAL REGISTER

OF THE

Officers and Cadets

OF THE

U. S. MILITARY ACADEMY,

West Point, N. Y.

JUNE, 1885.

“I give it as my fixed opinion that, but for our graduated cadets, the war between the United States and Mexico might, and probably would, have lasted some four or five years, with, in its first half, more defeats than victories falling to our share ; whereas, in less than two campaigns, we conquered a great country and a peace without the loss of a single battle or skirmish.”

WINFIELD SCOTT.

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West Point, N. Y.

JUNE, 1885.

BOARD OF VISITORS.

JUNE, 1885.

Appointed by the President of the United States.

1. Hon. GEORGE HOADLY (*President*) COLUMBUS, OHIO.
2. Professor EDWARD S. HOLDEN (*Secretary*)...MADISON, WISCONSIN.
3. Hon. JOHN BIGELOW... ..NEW YORK CITY, NEW YORK.
4. Colonel CHARLES R. CODMAN.....BOSTON, MASS.
5. General FITZHUGH LEE..... ALEXANDRIA, VIRGINIA.
6. Mr. GEORGE L. MILLER.....OMAHA, NEBRASKA.
7. General JAMES C. TAPPAN.....HELENA, ARKANSAS.

Appointed by the President of the Senate.

8. Hon. JAMES B. BECK. LEXINGTON, KENTUCKY.
9. Hon. JOSEPH R. HAWLEY.....HARTFORD, CONNECTICUT.

Appointed by the Speaker of the House of Representatives.

10. Hon. JAMES H. BLOUNT.... .. MACON, GEORGIA.
11. Hon. WILLIAM D. KELLEY.....PHILADELPHIA, PENN.
12. Hon. ROGER Q. MILLS.....CORSIANA, TEXAS.

OFFICERS OF THE MILITARY ACADEMY,
WEST POINT, N. Y.

Superintendent.

Brevet Major-General WESLEY MERRITT, U. S. A.,
Colonel 5th Cavalry.

Military Staff.

*1st Lieutenant ELI D. HOYLE, *Adjutant 2d Artillery, Adjutant.*

Captain WILLIAM F. SPURGIN, 21st Infantry, *Treasurer, and Quartermaster & Commissary of Cadets.*

Captain HENRY G. SHARPE, Subsistence Department, *Post Commissary of Subsistence, and Post Treasurer.*

†1st Lieutenant QUINCY O'M. GILLMORE, 8th Cavalry, *Quartermaster of the Military Academy, Post Quartermaster, and Officer of Police.*

1st Lieutenant CHARLES H. ROCKWELL, 5th Cavalry.
(To relieve Lieutenant Gillmore as Quartermaster, &c., July 1, 1885).

Lieutenant Colonel ANDREW K. SMITH, Surgeon, U. S. A., *Post Surgeon.*

Captain JAMES P. KIMBALL, Assistant Surgeon, U. S. A.

*To be relieved from duty at the Military Academy, Aug. 28, 1885.

†To be relieved from duty at the Military Academy, July 1, 1885.

Academic Staff.

Professors whose service at the Academy, as Professor, exceeds 10 years have the assimilated rank of Colonel, and all other Professors the assimilated rank of Lieutenant-Colonel.

DEPARTMENT OF NATURAL AND EXPERIMENTAL PHILOSOPHY.

Peter S. Michie,	Professor.	(14 Feb., 1871.)
*1st Lieutenant EZRA B. FULLER, 7th Cavalry,	} <i>Assistant Professor.</i>	
1st Lieutenant ARTHUR MURRAY, 1st Artillery,		
1st Lieutenant WILLIAM B. GORDON, Ordnance Department,	} <i>Instructors.</i>	
2d Lieutenant SIDNEY E. STUART, 1st Artillery,		
1st Lieutenant WALLACE MOTT, 8th Infantry,	} <i>In Charge of Observatory and Astro- nomical Observations.</i>	

DEPARTMENT OF MODERN LANGUAGES.

George L. Andrews,	Professor.	(28 Feb., 1871.)
1st Lieutenant EDWARD E. WOOD, 8th Cavalry,	} <i>Assistant Professor of the Spanish Lan- guage.</i>	
1st Lieutenant ALEXANDER RODGERS, 4th Cavalry,		
1st Lieutenant EUGENE A. ELLIS, 8th Cavalry,	} <i>Instructors.</i>	
1st Lieutenant WILLIAM A. SIMPSON, 2d Artillery,		
2d Lieutenant CARVER HOWLAND, 4th Infantry,		
2d Lieutenant FREDERICK S. FOLTZ, 1st Cavalry,		
2d Lieutenant JOHN R. TOTTEN, 4th Artillery,		

DEPARTMENT OF DRAWING.

Charles W. Larned,	Professor.	(25 July, 1876.)
1st Lieutenant HENRY A. REED, 2d Artillery,	} <i>Assistant Professor.</i>	
1st Lieutenant WILLIAM D. BEACH, 3rd Cavalry,		
*1st Lieutenant EDWARD E. GAYLE, 2d Artillery,	} <i>Instructors.</i>	

*To be relieved from duty at the Military Academy, Aug. 23, 1885.

DEPARTMENT OF MATHEMATICS.

Edgar W. Bass,	Professor.	(17 April, 1878.)
1st Lieutenant WRIGHT P. EDGERTON, 2d Artillery,	} <i>Assistant Professor.</i>	
*1st Lieutenant DOUGLAS A. HOWARD, Ordnance Department,		
1st Lieutenant GEORGE H. G. GALE, 4th Cavalry,	} <i>Instructors.</i>	
1st Lieutenant FREDERICK WOOLEY, 10th Infantry,		
2d Lieutenant EDMUND D. SMITH, 19th Infantry,		
2d Lieutenant WILLIAM W. GIBSON, 3d Artillery,		
2d Lieutenant WALTER S. ALEXANDER, 4th Artillery,		
2d Lieutenant FRANK S. HARLOW, 1st Artillery,		

DEPARTMENT OF CHEMISTRY, MINERALOGY, AND GEOLOGY.

Samuel E. Tillman,	Professor.	(21 Dec., 1880.)
1st Lieutenant WALTER S. WYATT, 9th Infantry,	} <i>Assistant Professor.</i>	
1st Lieutenant THOMAS C. PATTERSON, 1st Artillery,		
*1st Lieutenant LEONARD A. LOVERING, 4th Infantry,	} <i>Instructors.</i>	
2d Lieutenant JOHN L. CHAMBERLIN, 1st Artillery,		

DEPARTMENT OF HISTORY, GEOGRAPHY, AND ETHICS.

William M. Postlethwaite, Chaplain,	Professor.	(21 Dec., 1881.)
1st Lieutenant GEORGE B. DAVIS, 5th Cavalry,	} <i>Assistant Professor.</i>	

DEPARTMENT OF TACTICS.

Lieut. Col. Henry C. Hasbrouck, Captain 4th Artillery,	} Commandant of Cadets and In- structor of Tactics. (22 Aug. '82.)	
Captain JACOB A. AUGUR, 5th Cavalry,		} <i>Senior Assistant Instructor of Cavalry</i> <i>Tactics.</i>

*To be relieved from duty at the Military Academy, Aug. 28, 1885.

1st Lieutenant WILLIAM B. HOMER, 5th Artillery,	{	<i>Senior Assistant Instructor of Artillery Tactics.</i>
1st Lieutenant HENRY KIRBY, 10th Infantry,	{	<i>Assistant Instructor of Infantry and Ar- tillery Tactics.</i>
2d Lieutenant OSCAR J. BROWN, 1st Cavalry,	{	<i>Assistant Instructor of Cavalry and Artillery Tactics.</i>
2d Lieutenant DAVID PRICE, 1st Artillery,	{	<i>Assistant Instructor of Infantry and Ar- tillery Tactics.</i>
2d Lieutenant FRANCIS J. A. DARR, 12th Infantry,	{	<i>Assistant Instructor of Infantry and Ar- tillery Tactics.</i>
* 1st Lieutenant EDWARD E. GAYLE, 2d Artillery,	{	<i>On temporary duty.</i>
2d Lieutenant JOHN L. CHAMBERLIN, 1st Artillery,		

DEPARTMENT OF LAW.

Herbert P. Curtis, Major and Judge Advocate, U. S. A.,	{	Professor. (28 Aug., 1882.) (By assignment under Act of June 6, 1874.)
1st Lieutenant GEORGE B. DAVIS, 5th Cavalry,	{	<i>Instructor.</i>

DEPARTMENT OF CIVIL AND MILITARY ENGINEERING.

James Mercur,	Professor.	(29 Sept., 1884.)
1st Lieutenant EUGENE GRIFFIN, Corps of Engineers,	{	<i>Assistant Professor.</i>
1st Lieutenant GUSTAV J. FIEBEGGER, Corps of Engineers,	{	<i>Instructor.</i>

DEPARTMENT OF ORDNANCE AND GUNNERY.

Major Clifton Comly, Ordnance Department,	{	Instructor.
1st Lieutenant LAWRENCE L. BRUFF, Ordnance Department,	{	<i>Assistant Instructor.</i>

DEPARTMENT OF PRACTICAL MILITARY ENGINEERING.

* Major William S. Stanton, Corps of Engineers,	{	Instructor.
1st Lieutenant WILLIAM M. BLACK, Corps of Engineers,	{	<i>Assistant Instructor.</i>
Herman J. Koehler,		Master of the Sword.

*To be relieved from duty at the Military Academy, Aug. 28, 1885.

CLASSIFICATION OF CADETS.

The Cadets are arranged in four distinct classes, corresponding with the four years of study. The Cadets employed on the first year's course constitute the **FOURTH CLASS**; those on the second year's course the **THIRD CLASS**; those on the third year's course the **SECOND CLASS**; and those on the fourth year's course the **FIRST CLASS**.

The academic year commences on the 1st of July. On, or before, that date the result of the examination held in the preceding month is announced and Cadets are advanced from one class to another. At no other time shall a Cadet be advanced from one class to another, unless prevented by sickness, or authorized absence, from attending at the aforesaid examination; in which case a special examination shall be granted him; but in no case shall a Cadet be advanced from one class to another without having passed a satisfactory examination by the Academic Board.

*NOTE.—Names marked thus * are to be attached to the next Army Register, in conformity with a regulation for the government of the Military Academy, requiring the names of the most distinguished Cadets, not exceeding five in each class, to be reported for this purpose at each Annual Examination.*

Cadets whose names are marked thus † were found deficient, and turned back, to join the next succeeding class.

Cadets whose names are marked thus ‡ were found deficient and discharged.

CADETS

ARRANGED IN

Order of Merit in their Respective Classes,

AS DETERMINED AT THE

ANNUAL EXAMINATION

IN

JUNE, 1885.

FIRST CLASS—39 MEMBERS—GRADUATED JUNE 13, 1885.

Order of general merit.	Names.	State.		Date of Admission.	Age at date of Admission.		Order of merit in							Demerit for the 2 years ending May 31, 1885.
		Born in	Appointed from		Years.	Mos.	Engineering.	Law.	History.	Spanish.	Or'd'ce & Gunnery.	Discipline.		
*1	Kuhn Joseph E.	Kan.	Kan.	July 1, 1881	17	0	1	4	3	1	3	1	0	
*2	Craighill, William E. . .	Md.	At Large	Sept. 1, "	17	8	4	12	9	10	6	8	32	
*3	O'Brien, Michael J. . . .	Mass.	Mass	July 1, "	17	7	2	5	4	3	1	20	147	
*4	Willcox, Cornélis DeW.	Switzerland	Ga.	" "	20	4	5	3	1	2	8	5	5	
*5	Cole, Haydn S.	N. Y.	Ill.	" "	19	8	6	1	2	7	4	1	0	
6	Curtis, Arthur F.	N. Y.	N. J.	" "	17	8	3	6	8	5	2	1	0	
7	Brooks, John C. W. . . .	N. Y.	Pa.	" "	18	11	10	18	21	9	9	1	0	
8	Muir, Charles H.	Mich.	Mich.	" "	20	11	7	7	11	18	7	1	0	
9	Barrette, John D.	La.	Iowa.	" "	19	1	14	2	5	14	5	1	0	
10	Parker, Charles F.	Ala.	Ala.	" "	17	7	9	24	22	27	14	17	97	
11	Brown, Robert A.	Pa.	Pa.	" "	21	7	12	9	12	8	15	14	75	
†12	Davison, Lorenzo P. . . .	Wis.	Iowa.	" "	21	7	15	10	18	4	10	16	87	
13	Hubbard, Elmer W. . . .	Conn.	Conn.	" "	19	9	19	17	13	21	13	8	32	
14	Carson, John M., Jr. . . .	Pa.	Pa.	" "	17	1	13	20	10	15	11	6	25	
15	Brown, Austin H.	Ill.	Ill.	" "	18	10	17	25	29	11	22	1	0	
16	Parmerter, Almon L. . . .	N. Y.	N. Y.	" "	20	9	22	8	7	19	18	1	0	
17	Holbrook, Willard A. . . .	Wis.	Wis.	Sept. 1, "	21	1	8	16	17	28	17	1	0	
18	Ramsey, Frank DeW. . . .	N. Y.	N. Y.	July 1, "	19	1	21	27	32	35	21	3	3	
19	Cree, John K.	Pa.	Pa.	" "	19	5	11	11	24	16	20	1	0	
20	McCain, Henry P.	Miss.	Miss.	" "	21	5	16	21	20	17	16	4	4	
21	Cook, Frank A.	R. I.	R. I.	" "	17	0	25	36	33	6	25	19	122	
22	Biddle, William S., Jr. . . .	Mich.	Mich.	" "	18	1	30	35	15	12	31	15	84	
23	Little, John.	Tenn.	Tenn.	" "	19	11	23	22	26	24	24	1	0	
24	Koehler, Lewis M.	Ill.	Iowa.	" "	18	11	18	13	23	23	12	22	187	
25	Cartwright, George S. . . .	N. Y.	N. Y.	" "	18	1	26	15	6	26	28	1	0	
26	Michie, Robert E. L. . . .	Va.	Va.	Sept. 1, "	17	3	24	29	16	29	23	18	54	
27	Bullard, Robert L.	Ala.	Ala.	July 1, "	20	6	31	23	27	13	27	10	37	
28	Smiley, Samuel E.	Ind.	N. J.	" "	18	1	27	26	14	22	19	7	29	
29	Devore, Daniel B.	Ohio.	Ohio.	" "	21	1	28	33	35	32	26	1	0	
30	Buck, Beaumont B.	Miss.	Texas.	(a) Sept. 1, 1880	20	8	20	28	28	25	32	3	3	
31	Bettens, Philip A.	Ind.	Ind.	July 1, 1881	20	8	33	31	38	34	34	2	2	
32	Byram, George L.	Miss.	Ala.	" "	19	5	32	14	30	37	30	9	33	

† Not graduated with his class. In arrest, awaiting result of trial by General Court-Martial. Diploma withheld by the Academic Board.

(a) Discharged February 15, 1882—S. O. No. 34, A. G. O., February 11, 1882. Reappointed February 17, 1882, and absent with leave, without pay, from February 17, 1882, till July 1, 1882—S. O. No. 39, A. G. O., February 17, 1882, and then joined Third Class.

FIRST CLASS—39 MEMBERS—GRADUATED JUNE 13, 1885.

<i>Order of general merit.</i>	<i>Names.</i>	<i>State.</i>		<i>Date of Admission.</i>	<i>Age at date of Admission.</i>		<i>Order of merit in</i>							<i>Demerit for the 2 years ending May 31, 1885.</i>
		<i>Born in</i>	<i>Appointed from</i>		<i>Years.</i>	<i>Mos.</i>	<i>Engineering.</i>							
							<i>Law.</i>	<i>History.</i>	<i>Spanish.</i>	<i>Or'd'ce & Gunnery.</i>				
33	Putnam, George I. . . .	N. Y.	N. H.	(a) July 1, 1880	20	2	29	34	19	20	36	11	45	
34	Gilman, Edward R. . . .	Pa.	Me.	" 1881	17	7	35	19	25	33	35	1	0	
35	Towsley, Charles D. . . .	Wis.	Wis.	" "	21	7	38	32	34	31	33	18	120	
36	Benton, James W. . . .	D. C.	At Large	Sept. 1, "	17	7	34	37	36	30	29	21	163	
37	Martin, William F. . . .	Ohio.	Ohio.	July 1, "	18	0	36	39	31	38	38	3	3	
38	Whipple, Herbert S. . . .	Pa.	Wis.	" "	19	10	37	30	37	39	39	3	3	
39	Lawton, Edward P. . . .	Ga.	Ga.	(a) " 1880	17	4	39	38	39	36	37	12	48	

(a) Absent with leave, without pay, from January 13, 1881, till July 1, 1881,—S. O. No. 9, A. G. O., January 13, 1881, and joined then Fourth Class.

SECOND CLASS—83 MEMBERS.

Order of general merit.	Names.	State.		Date of Admission.	Age at date of Admission.		Order of merit in							Demerit for the year ending May 31, 1885.
		Born in	Appointed from		Years.	Mos.	Natural and Experimental Philosophy, Chemistry, Chemical Physics, Mineralogy and Geology.	Tactics.	Drawing.	Discipline.				
											1	2	3		4	5	6	7	8	9	10
*1	Newcomer, Henry C.	Pa.	Ill.	July 1, 1882	21	3	1	1	8	6	5	6	6	
*2	Patrick, Mason M.	W.Va.	W.Va.	Sept. 1, "	18	8	2	2	2	2	1	7	10	
*3	Riché, Charles S.	Pa.	Pa.	July 1, "	18	0	6	10	3	12	10	13	13	
*4	Potter, Charles L.	Me.	Me.	" "	18	5	3	8	1	3	2	2	2	
*5	Rees, Thomas H.	Mich.	Mich.	" "	18	9	5	6	2	7	3	1	61	
6	Berry, Lucien G.	N. Y.	N. Y.	" "	18	7	4	7	13	3	7	2	38	
7	Hirst, Robert L.	Pa.	Pa.	" "	17	6	16	5	11	13	17	30	30	
8	Towers, John A.	S. C.	S. C.	" "	19	8	8	11	7	4	3	3	3	
9	Stewart, Cecil.	Va.	Cal.	" "	18	3	11	16	16	1	3	6	64	
10	Thayer, Arthur.	Ind.	Ind.	Sept. 1, "	18	7	10	15	18	18	21	36	36	
11	Freeland, Harry.	Md.	Md.	" "	19	6	9	9	4	2	9	5	56	
12	Menoher, Charles T.	Pa.	Pa.	July 1, "	20	3	18	17	5	2	1	0	0	
13	Darrow, Walter N. P.	N. Y.	N. Y.	Sept. 1, "	19	6	24	21	14	3	1	0	0	
14	Haines, John T.	Mo.	At Large	" "	18	5	13	24	15	2	1	0	0	
15	Andrews, Avery D.	N. Y.	N. Y.	July 1, "	18	3	23	14	12	16	1	0	0	
16	McIntyre, Frank.	Ala.	Ala.	Sept. 1, "	17	8	7	4	2	7	9	2	51	
17	Nance, John T.	Ill.	Ill.	" "	18	3	15	23	4	5	3	6	68	
18	McMahon, John E.	N. Y.	N. Y.	" "	21	9	22	13	17	4	9	1	0	
19	Reber, Samuel.	Mo.	Mo.	July 1, "	17	8	14	3	20	4	2	1	142	
20	Kalk, Frank G.	Wis.	Wis.	(a) " 1881	17	2	34	12	21	11	2	5	49	
21	Harris, Floyd W.	W.Va	W.Va	" " 1882	21	0	31	22	19	3	1	0	0	
22	Pettit, Colville M.	N. Y.	N. Y.	Sept. 1, "	17	7	19	19	10	7	2	4	46	
23	Baker, David J., Jr.	Ill.	Ill.	" "	17	0	12	25	6	2	4	8	131	
24	Procter, Robert G.	Ky.	Ky.	July 1, "	20	7	20	26	3	7	0	9	12	
25	Traub, Peter E.	N. Y.	N. Y.	Sept. 1, "	17	10	3	7	2	6	1	2	35	
26	Niskern, Albert D.	Ill.	Mich.	July 1, "	20	7	26	4	3	1	2	7	0	
27	Camp, William H.	Wis.	Wis.	" "	19	4	17	18	4	3	7	4	91	
28	Mott, Thomas B.	Va.	Va.	" "	17	1	4	2	3	2	1	0	0	
29	Carter, Jesse McL.	Mo.	Mo.	" "	19	2	3	3	7	2	3	1	26	
30	Stevens, Gustave W. S. .	Va.	La.	" "	18	0	28	30	36	3	8	3	82	
31	Pershing, John J.	Mo.	Mo.	" "	21	9	25	4	5	8	4	6	9	
32	Fowler, Frank B.	Texas	Texas.	" "	17	8	3	3	1	3	3	1	16	
33	Bean, William H.	Pa.	Pa.	" "	20	11	21	3	5	0	8	0	11	

(a) Turned back to join then Fourth Class, July 1, 1882—S. O. No. 135, A. G. O., June 12, 1882.

SECOND CLASS—83 MEMBERS.

Order of general merit.	Names.		State.		Date of Admission.	Age at date of Admission.		Order of merit in				Demerit for the year ending May 31, 1885.	
			Born in	Appointed from		Years.	Mos.	Natural and Experimental Philosophy, Chemistry, Mineralogy and Geology.					
	Tactics.				Drawing.			Discipline.					
34	Walcutt, Charles C., Jr.		Ohio.	At Large	(a) July 1, 1881	20	0	29	52	9	41	1	0
35	DeShon, George D.		Mass.	Mass.	" 1882	17	11	30	28	61	67	17	30
36	Poore, Benjamin A.		Ala.	Mass.	Sept. 1, "	19	2	36	35	26	39	17	30
37	Trout, Harry G.		Pa.	Pa.	" "	20	11	40	45	32	23	4	4
38	McCaskey, Edward W.		Pa.	Pa.	July 1, "	18	10	38	51	53	24	1	0
39	Baker, Chauncey B.		Ohio.	Ohio.	" "	21	10	43	20	47	48	45	95
40	Brooks, Edward C.		Oregon.	Oregon.	" "	21	7	35	38	67	53	19	32
41	Byron, Joseph C.		N. Y.	N. Y.	" "	21	8	44	36	40	52	7	10
42	Barnum, Malvern H.		N. Y.	At Large	" "	18	8	45	34	23	63	12	21
43	Hay, William H.		Fla.	Fla.	" "	21	11	49	44	59	15	16	28
44	Nolan, James E.		Wis.	Wis.	Sept. 1, "	21	5	53	39	52	33	1	0
45	McRae, James H.		Ga.	Ga.	July 1, "	18	6	27	47	77	55	30	60
46	Wright, Edmund S.		Ga.	Ky.	" "	17	11	46	50	63	2	42	90
47	Clayton, Bertram T.		Ala.	Ala.	" "	19	8	32	57	82	20	41	86
48	Elliott, Stephen H.		Ga.	Texas.	" "	17	6	66	49	45	4	1	0
49	Hardeman, Letcher		Mo.	Mo.	" "	18	2	48	40	28	82	18	31
50	Shattuck, Amos B.		N. H.	N. H.	(b) " 1881	20	10	56	56	41	30	1	0
51	Swaine, William M.		Utah.	N. M.	(b) " "	21	1	58	71	30	10	5	6
52	Godfrey, George J.		N. Y.	N. Y.	" 1882	20	5	52	54	74	14	38	80
53	Johnson, Arthur		Minn.	Minn.	" "	20	11	54	53	66	8	47	113
54	Duncan, George B.		Ky.	Ky.	" "	20	8	57	60	35	17	34	66
55	Williams, Robert C.		Ohio.	Ohio.	" "	20	5	65	41	25	74	2	2
56	Keene, Henry C., Jr.		Peru, S. A.	Mass.	(b) Sept. 1, 1881	18	5	67	29	76	60	17	30
57	Penn, Julius A., Jr.		Ill.	Ohio.	July 1, 1882	17	4	61	42	60	64	22	38
58	Druien, James L.		Ky.	Ky.	" "	20	11	50	61	48	56	28	54
59	Davis, George B.		N. Y.	N. Y.	" "	19	9	47	58	65	72	14	24
60	Kimball, Frederick C.		Me.	Me.	" "	18	9	55	59	68	51	17	30
61	Gordon, Walter H.		Miss.	La.	" "	19	0	41	62	79	61	36	73
62	Smith, Erneste V.		Mo.	Mo.	" "	17	7	69	46	57	43	24	47
63	Lasseigne, Armand I.		La.	La.	" "	21	8	76	66	34	9	1	0
64	Dwyer, Charles G.		Texas.	Texas	" "	20	3	60	65	37	68	16	28
65	Lyman, Charles G.		N. Y.	At Large	" "	20	8	73	75	24	25	4	4

(a) Absent (sick) during Annual Examination, June, 1882, and not examined. Joined Fourth Class, July 1, 1883.

(b) Turned back to join then Fourth Class, January 24, 1883—S. O. No. 20, A. G. O., January 24, 1883.

SECOND CLASS—83 MEMBERS.

<i>Order of general merit.</i>	<i>Names.</i>	<i>State.</i>		<i>Date of Admission.</i>	<i>Age at date of Admission.</i>		<i>Order of merit in</i>						
		<i>Born in</i>	<i>Appointed from</i>		<i>Years.</i>	<i>Mos.</i>	<i>Natural and Experimental Philosophy</i>	<i>Chemistry, Chemical Physics, Mineralogy and Geology.</i>	<i>Tactics.</i>	<i>Drawing.</i>	<i>Discipline.</i>	<i>Demerit for the year ending May 31, 1885.</i>	
66	Croxton, Richard C.....	Va.	Va.	Sept. 1, 1882	18	7	59	74	38	65	12	21	
67	Ballou, Charles C.....	N. Y.	Ill.	July 1, "	20	0	62	68	81	62	6	9	
68	Frier, James H.	Mo.	Mo.	" "	18	4	64	55	73	66	30	60	
69	Lewis, Edward M.....	Ind.	Ind.	(a) Sept. 1, 1881	17	8	75	67	56	40	1	0	
70	Holley, Dwight E.....	N. Y.	Conn.	July 1, 1882	18	11	74	77	54	54	3	3	
71	Jones, Edward N., Jr....	Ala.	Ala.	" "	17	4	51	73	78	71	50	155	
72	Winn, Frank L... ..	Ky.	Ky.	" "	17	9	68	81	46	73	13	23	
73	Elliot, William G.....	Cal.	D. C.	" "	19	1	77	64	72	46	40	83	
74	Durfee, Lucius L.....	Ohio.	Ohio.	" "	21	4	63	70	69	69	46	112	
75	Mott, Seward.....	N. Y.	N. Y.	(b)" 1881	19	10	71	63	71	81	26	50	
76	Maxwell, Marcus... ..	Ark.	Ark.	Sept. 1, 1882	18	5	70	69	51	77	37	76	
77	Fulton, David W.....	Ohio.	Ill.	July 1, "	18	8	72	72	75	75	52	162	
78	Twiggs, David E.....	Ga.	Ga.	" "	19	10	78	78	80	57	51	157	
†	Cole, George W.....	Mo.	Mo.	" "	19	0	Def	80	44	44	32	63	
†	Owen, Warren C.....	Ohio.	Ohio.	" "	20	5	Def	79	64	59	1	0	
†	Seay, Samuel, Jr.....	Tenn.	Tenn.	" "	19	5	Def	76	70	58	44	93	
†	Wilder, William H.....	N. C.	N. C.	" "	19	3	Def	Def	55	50	1	0	
c	Jones, William K.....	Iowa.	Iowa.	Sept. 1, "	19	8	...	...	...	...	...	14

- (a) Turned back to join then Fourth Class, July 1, 1882—S. O. No. 135, A. G. O., June 12, 1882.
- (b) Absent (sick) during Annual Examination, June, 1883, and not examined. Joined Fourth Class, July 1, 1882.
- (c) Not examined, absent sick from Nov. 24, 1884, to May 24, 1885, S. O. No. 274, A. G. O., Nov. 21, 1884.

THIRD CLASS—70 MEMBERS.

Order of general merit.	Names.		State.		Date of Admission.	Age at date of Admission.		Order of merit in				Demerit for the year ending May 31, 1885.	
			Born in	Appointed from		Years.	Mos.	Mathematics.	French.	Drawing.	Discipline.		
*1	Shunk, Francis R.		Pa.	Pa.	July 1, 1883	20	7	1	1	3	1	0	
*2	Robinson, Wirt.		Va.	Va.	" "	18	8	4	4	1	28	78	
*3	Meyler, James J.		N. J.	N. J.	" "	17	3	2	8	8	27	76	
*4	Peck, Fremont P.		N. Y.	N. Y.	Sept. 1, "	17	6	7	6	5	19	49	
*5	Landers, George F.		Md.	Md.	July 1, "	17	10	6		25	15	1	0
6	Young, Edward C.		Mo.	Mo.	" "	21	4	10	11	18	1	0	
7	Jenkins, John M.		S. C.	S. C.	" "	19	7	12	7	20	1	0	
8	Wheeler, Charles B.		Ill.	Minn.	" "	18	1	11	12	23	1	0	
9	Lucas, Eugene W. Van C.		N. Y.	Conn.	Sept. 1, "	18	8	3	9	12	37	123	
10	Davis, Richmond P.		N. C.	N. C.	" "	17	2	8	10	43	1	0	
11	Hinds, Ernest.		Ala.	Ala.	July 1, "	18	10	9	15	38	4	7	
12	Squier, George O.		Mich.	Mich.	" "	18	3	5	39	24	9	19	
13	Hanson, Thomas G.		Cal.	Cal.	(a) Sept. 1, 1882	17	4	23	2	14	8	15	
14	Worthington, Raymond C.		Pa.	Pa.	" 1883	17	4	14	5	3	2	1	0
15	Gatchell, George W.		R. I.	R. I.	July 1, "	18	4	19	26	21	1	0	
16	Straub, Oscar I.		Pa.	Pa.	" "	18	4	15	32	16	24	65	
17	Wilkins, Harry E.		Ill.	Iowa.	(b) " 1882	21	2	13	52	25	1	0	
18	Lewis, Edson A.		Canada.	Mich.	" 1883	20	5	17	47	19	1	0	
19	Russel, Edgar.		Mo.	Mo.	" "	21	5	26	30	6	4	7	
20	Evans, Ellwood W.		Md.	Md.	Sept. 1, "	17	4	16	28	34	10	26	
21	Gregg, John C.		Pa.	Pa.	" "	18	11	27	42	17	1	0	
22	Weigel, William.		N. J.	N. J.	July 1, "	19	10	31	40	7	3	6	
23	Tripp, Frederick A.		Mich.	N. Y.	" "	18	8	30	23	31	1	0	
24	Gray, Alonzo.		Wis.	Iowa.	" "	21	10	21	64	10	12	32	
25	McClure, Nathaniel F.		Ky.	Ky.	Sept. 1, "	18	1	24	31	44	5	10	
26	Alexander, John H.		Ark.	Ohio.	July 1, "	19	6	20	20	28	41	147	
27	Slavens, Thomas H.		Ind.	Mo.	" "	20	5	35	27	33	2	1	
28	Schumm, Herman C.		Wis.	Wis.	" "	19	5	33	18	46	6	12	
29	Harman, John A.		Va.	Va.	" "	17	7	32	16	51	7	14	
30	Donaldson, Thomas Q., Jr.		S. C.	S. C.	Sept. 1, "	19	2	38	29	26	1	0	
31	Martin, Charles H.		Ill.	Ill.	(c) July 1, 1882	18	9	42	22	9	23	63	
32	Howze, Robert L.		Texas	Texas	" 1883	18	10	25	54	50	5	10	
33	Miley, John D.		Ill.	Ill.	" "	20	10	40	19	30	16	37	
34	Hunter, Alfred M.		Ill.	Ill.	" "	19	5	22	36	61	25	69	
35	Hall, Herman.		Ill.	Mo.	" "	19	0	18	60	35	36	120	

(a) Turned back to join then Fourth Class, January 14, 1884—S. O. No. 11, A. G. O., January 14, 1884.

(b) Turned back to join then Fourth Class, July 1, 1883—S. O. No. 138, A. G. O., June 16, 1883.

(c) Discharged June 24, 1884—S. O. No. 144, A. G. O., June 21, 1884. Re-appointed Sept. 4, 1884, S. O. No. 210, A. G. O., Sept. 6, 1884, and then joined Third Class.

THIRD CLASS—70 MEMBERS.

Order of general merit.	Names.	State.		Date of Admission.	Age at date of Admission.		Order of merit in				Demerit for the year ending May 31, 1885.
		Born in	Appointed from		Years.	Mos.	Mathematics.	French.	Drawing.	Discipline.	
36	Paxton, Robert G.	Va.	Va.	July 1, 1883	17	9	28	5	64	33	104
37	Gerhardt, Charles	Md.	N. C.	" "	20	3	47	35	11	5	10
38	Baker, William P.	Ark.	Ark.	" "	19	8	36	34	41	30	90
39	Loveridge, Eugene L.	N. Y.	N. Y.	" "	19	10	46	21	47	11	29
40	Dade, Alexander L.	Ky.	Ky.	" "	19	11	44	24	48	18	47
41	Bourke, James C.	Wis.	Mo.	Sept. 1, "	17	9	37	13	60	35	119
42	Lochridge, P. D.	Ala.	Miss.	July 1, "	19	6	34	55	55	15	36
43	Farnsworth, Charles S.	Pa.	Pa.	" "	20	8	45	49	40	8	15
44	Bruce, William E.	Pa.	Ohio.	" "	19	8	51	14	27	34	108
45	Wassell, William H.	Pa.	Pa.	" "	19	6	53	59	4	11	29
46	Moriarty, Ambrose I.	Conn.	Conn.	" "	19	7	52	17	63	3	6
47	Hall, Thomas W.	N. Y.	Ill.	" "	20	7	41	45	45	29	82
48	Taylor, Walter L.	Ga.	Ga.	" "	18	1	39	50	52	24	65
49	Williamson, George McK.	Pa.	Pa.	" "	19	11	49	56	22	26	71
50	Rivers, William C.	Tenn.	Tenn.	" "	17	5	29	46	54	44	203
51	Beach, Francis H.	N. Y.	N. Y.	Sept. 1, "	19	4	50	41	29	32	100
52	Dean, James T.	Ohio.	Ohio.	July 1, "	18	1	57	58	13	14	35
53	Wittenmyer, Edmund	Ohio.	Ohio.	" "	21	2	43	63	49	17	43
54	McAlexander, Ulysses G.	Minn.	Kansas.	" "	18	10	64	38	32	1	0
55	Cronin, Marcus D.	Mass.	Mass.	" "	18	5	48	3	58	45	206
56	Hersey, Mark L.	Me.	Me.	" "	19	7	54	48	57	22	55
57	Adams, Henry R.	Ohio.	Ohio.	" "	19	2	58	44	56	13	34
58	Foster, Arthur B.	Ill.	Ill.	Sept. 1, "	19	9	55	57	53	35	119
59	Isham, Pierrepont.	Germany.	At Large	July 1, "	17	10	59	62	59	20	50
60	Gary, Cæsar R.	Texas	Texas	" "	20	1	62	51	66	21	54
61	Lenihan, Michael J.	Mass.	Mass.	" "	18	1	65	43	65	21	54
62	Evans, Frederic D.	Ill.	Ill.	Sept. 1, "	17	2	63	33	37	42	191
63	Albright, Frank H.	Ohio.	Ohio	July 1, "	17	10	61	61	36	39	132
64	Smoke, Samuel A.	Fla.	Fla.	" "	20	5	60	66	39	38	126
a	Schenck, Bard P.	Md.	N. Y.	" "	19	1	56	37	Def 43	43	193
†	Clarke, Joseph T.	D. C.	At Large	" "	20	8	Def 65	62	40	143	
†	Davis, William M.	N. Y.	N. Y.	" "	21	5	Def 67	42	31	95	
b	Edwards, Jesse	Tenn.	Tenn.	" "	21	3	...	...	...	...	109
c	Horne, William J. D.	Oregon	Arizona.	" "	19	2	...	...	...	...	19
b	Lucas, Thomas S.	S. C.	S. C.	" "	20	4	...	...	...	...	15

- (a) To go on with his class and to make up his deficiency in Drawing, to the satisfaction of the Academic Board, by January, 1886.
- (b) Absent with leave (sick) during Annual Examination, June, 1885, and not examined.
- (c) Suspended without pay until June 30, 1885—G. C. M. O. No. 29, A. G. O., June 28, 1884. Absent since July 3, 1884.

FOURTH CLASS—82 MEMBERS.

Order of general merit.	Names.	State.		Date of Admission.	Age at date of Admission.		Order of merit in				Demerit for the year ending May 31, 1885.
		Born in	Appointed from		Years.	Mos.	Mathematics.	English.	French.	Discipline.	
*1	Jervey, Henry.....	Va.	S. C.	June 15, 1884	18	0	1	2	2	1	0
*2	Burr, George W.....	Ill.	Mo.	" "	18	7	4	8	8	1	0
*3	McKinstry, Charles H...	Cal.	Cal.	Sept. 1, "	17	8	3	3	11	7	12
*4	Palmer, Charles D.....	Ohio.	Ohio.	June 15, "	19	7	5	4	13	1	0
*5	Judson, William V.....	Ind.	Ind.	" "	19	4	2	1	10	14	31
6	Winn, John S.....	Ky.	Ky.	" "	20	6	6	5	20	12	21
7	Grisard, John S ..	Ohio.	Ohio.	" "	20	8	9	18	14	1	0
8	Hayden, John L.....	Ill.	Wash. T.	" "	17	7	8	15	19	9	18
9	Foster, Claiborne L.....	La.	La.	" "	19	5	13	20	17	1	0
10	Downing, Charles.....	N. Y.	N. Y.	(a) July 1, 1883	19	11	14	17	7	10	19
11	March, Peyton C.....	Pa.	Pa.	June 15, 1884	19	5	10	9	30	13	23
12	Winston, Eddie T.....	Tenn.	Tenn.	" "	20	5	11	21	21	5	6
13	Russ, Charles P.....	N. Y.	N. Y.	(b) July 1, 1883	18	11	18	23	1	3	2
14	McCray, Warwick M....	Pa.	Pa.	Sept. 1, 1884	17	6	12	26	26	1	0
15	Rogers, Hiram M.....	N. Y.	N. Y.	(b) " 1883	17	7	23	27	5	1	0
16	Hartman, John D. L....	Pa.	Pa.	(b) July 1, 1883	17	0	24	33	4	3	2
17	McAndrew, James W....	Pa.	Pa.	June 15, 1884	21	11	32	6	18	1	0
18	Hedekin, Charles A....	Ind.	Ind.	(b) Sept. 1, 1883	17	8	15	12	6	32	94
19	Peirce, William S.....	Vt.	Vt.	" 1884	20	3	16	10	22	25	73
20	Preston, Guy H.....	Mass.	Mass.	June 15, 1884	20	0	22	19	45	1	0
21	Goding, John W.....	Me.	Mass.	" "	18	2	21	31	44	1	0
22	Donaldson, Charles V...	Sweden.	Iowa.	(b) July 1, 1883	19	5	29	38	3	5	6
23	Gallup, Charles C.....	N. Y.	N. Y.	Sept. 1, 1884	20	9	7	16	70	28	82
24	Mann, Charles W.....	Ind.	Ind.	June 15, "	20	6	43	11	24	1	0
25	Jordan, Llewellyn.....	Ark.	Miss.	(a) Sept. 1, 1883	17	7	36	37	9	3	2
26	Wilhelm, William H....	Pa.	Pa.	June 15, 1884	17	0	30	39	35	1	0
27	Koester, Francis J.....	Pa.	Pa.	" "	21	0	25	46	42	5	6
28	Birdsall, John G.....	Cal.	Cal.	(a) July 1, 1883	17	8	28	7	15	36	110
29	Gibson, James L.....	Miss.	La.	(a) " "	17	2	26	13	16	40	131
30	Chrisman, Edward R....	Ind.	Ind.	June 15, 1884	17	10	17	40	39	31	90
31	Littebrant, William T...	Cal.	Cal.	" "	19	3	34	29	38	15	38
32	Sample, William R.....	Tenn.	Ark.	Sept. 1, "	18	2	39	35	41	1	0

(a) Turned back to join then Fourth Class, June 21, 1884—S. O. No. 144, A. G. O., June 21, 1884.

(b) Turned back to join then Fourth Class, January 14, 1885—S. O. No. 11, A. G. O., January 14, 1885.

FOURTH CLASS—82 MEMBERS.

Order of general merit.	Names.	State.		Date of Admission.	Age at date of Admission.		Order of merit in				Demerit for the year ending May 31, 1885.
		Born in	Appointed from		Years.	Mos.	Mathematics.	English.	French.	Discipline.	
33	Perry, Alexander W. . . .	D. C.	N. Y.	(a) July 1, 1883	17	10	20	47	29	29	83
34	Chadeayne, Robert R. . . .	N. Y.	N. Y.	June 15, 1884	19	0	42	43	40	1	0
35	Easley, Edwin S.	Ark.	Texas.	" "	21	9	41	25	28	23	60
36	Butler, Matthew C., Jr. . .	S. C.	S. C.	(b) July 1, 1883	19	2	33	48	12	25	73
37	Fenton, Charles W.	Mich.	Mich.	Sept. 1, 1884	19	7	44	24	32	20	46
38	French, Charles G.	Mass.	Mass.	June 15, "	20	0	19	30	33	45	158
39	Kelly, Thaddeus M.	Miss.	Miss.	" "	17	10	40	44	50	11	20
40	Hart, William H.	Minn.	Dakota.	" "	20	2	53	22	62	1	0
41	Dashiell, William R.	Va.	Va.	" "	21	2	35	55	69	6	9
42	Turner, William N.	Miss.	Miss.	Sept. 1, "	18	6	50	14	37	24	68
43	Harris, Peter C.	Ga.	Ga.	June 15, "	18	7	31	69	61	8	16
44	Wilder, William T.	N. C.	N. C.	" "	19	2	27	65	67	17	42
45	Gordon, Harry.	Mass.	Mass.	" "	17	9	58	45	23	1	0
46	Ryan, John P.	N. Y.	N. Y.	Sept. 1, "	17	5	52	28	34	22	58
47	Quay, Andrew G. C.	Pa.	At Large	June 15, "	18	5	51	50	46	9	18
48	Suplee, Edwin M.	Pa.	Iowa.	" "	18	9	49	66	48	4	3
49	Vance, Capers D.	Ark.	Ark.	" "	21	6	46	74	53	2	1
50	Vestal, Solomon P.	N. C.	Ind.	" "	20	2	37	41	51	38	116
51	Darling, Charles K.	Vt.	Vt.	Sept. 1, "	20	2	56	34	54	16	41
52	Stockle, George E.	Nev.	Nev.	June 15, "	17	6	60	42	49	18	43
53	Lafferty, Frederick S. . . .	Cal.	Cal.	Sept. 1, "	19	7	38	77	52	33	95
54	Kirkman, George W.	Texas	Ill.	June 15, "	17	4	57	36	31	38	116
55	Anderson, Edward.	Va.	Va.	Sept. 1, "	20	2	47	59	65	25	73
56	Greene, Charles N.	Pa.	Pa.	" "	19	9	48	54	73	27	76
57	Hocking, Henry M.	Wis.	Wis.	June 15, "	21	0	62	56	64	12	21
58	Miller, Phipps.	Tenn	Va.	" "	18	0	63	64	74	1	0
59	Overton, Clough.	Ind.	Texas	Sept. 1, "	17	2	55	53	71	26	75
60	Cheyney, Willis.	Pa.	Del.	June 15, "	21	9	64	63	66	19	45
61	Helmick, Eli A.	Ind.	Kansas.	" "	20	9	54	51	63	42	134
62	Wilson, Eugene T.	Ohio.	Ohio.	" "	17	0	45	57	59	47	175
63	McFarland, Munroe.	Md.	Md.	" "	17	0	61	52	56	39	118
64	Moberley, William S. . . .	Ky.	Ky.	" "	17	10	59	73	47	44	142

- (a) Turned back to join then Fourth Class, June 21, 1884—S. O. No. 144, A. G. O., June 21, 1884.
- (b) Turned back to join then Fourth Class, January 14, 1885—S. O. No. 11, A. G. O., January 14, 1885.

FOURTH CLASS—82 MEMBERS.

Order of general merit.	Names.	State.		Date of Admission.	Age at date of Admission.		Order of merit in				Demerit for the year ending May 31, 1885.	
		Born in	Appointed from		Years.	Mos.	Mathematics.	English.	French.	Discipline.		
												Def
†	Baney, Glenn E.	Mich.	Mich.	June 15, 1884	19	0	Def	72	75	41	132	
a	Barrios, Antonio	Guatemala	Guatemala.	Mar. 26, "	18	2	Def	70	27	35	99	
†	Caine, Joseph E.	Utah.	Utah.	June 15, "	20	2	Def	60	72	21	49	
†	Childs, Samuel S.	N. J.	N. J.	Sept. 1, "	21	5	Def	65	75	Def	4	3
†	Culp, John P. (d)	Ohio.	Kansas.	" "	17	9	Def	Def	Def	Def	149	
†	Fitch, Frank.	Texas	Texas	June 15, "	18	11	Def	66	55	49	207	
†	Graves, William S.	Texas	Texas	" "	19	2	Def	76	Def	23	60	
†	Jones, Hayden E.	Pa.	Pa.	Sept. 1, "	17	5	Def	68	57	37	111	
†	Leitch, Joseph D.	Mich.	Neb.	June 15, "	20	4	Def	49	58	32	94	
†	Lockwood, Charles J.	Mich.	Mich.	" "	21	0	Def	67	Def	46	164	
†	Miller, John F. (d)	Ind.	Ind.	(b) July 1, 1883	21	0	Def	62	Def	Def	129	
†	Nelson, Sterling D.	Mo.	Mo.	Sept. 1, 1884	21	6	Def	78	Def	30	84	
†	Normoyle, James E.	Mich.	Ill.	June 15, "	18	3	Def	61	36	11	20	
†	Nugent, Frank C.	N. J.	N. J.	Sept. 1, "	21	8	Def	71	68	35	99	
†	Vincent, Edward E.	Ohio.	Ill.	June 15, "	18	10	Def	58	43	34	96	
†	Young, Charles.	Ky.	Ohio.	" "	20	1	Def	32	25	43	140	
a	Zavala, José V.	Nicaragua.	Nicaragua.	" 7, "	17	5	Def	Def	60	48	193	
c	Schmitt, Andrew X.	Ohio.	Ohio.	" 15, "	21	6	...	...	...	...	...

- (a) Receiving instruction, under the provisions of a Joint Resolution of Congress, approved February 2, 1884.
- (b) Absent with leave (sick) during Annual Examination, June, 1884, and not examined.
- (c) Absent with leave (sick) during Annual Examination, June, 1885, and not examined.
- (d) Deficient in Discipline, having more than 90 demerit for the 5 months ending May 31, 1885.

CADETS ADMITTED SEPTEMBER 1, 1884.

Number.	Names.	State.		Date of Admission.	Age at date of Admission.		
		Born in	Appointed from		Years.	Mos.	
1	Anderson, Edward....	Va.	Va.	..Sept.	1..	20	2
2	Armstrong, Gale.....	Tenn.	Tenn.	..Sept.	1..	19	3
3	Armstrong, Robert.....	Tenn.	W. Va.	..Sept.	1..	21	8
4	Berry, John Dougherty.....	Ga.	Ga.	..Sept.	1..	19	10
5	Brown, James Park.....	Ill.	Ill.	..Sept.	1..	18	0
6	Card, William Stanton.....	N. Y.	N. Y.	..Sept.	1..	17	7
7	Childs, Samuel Shanon.....	N. J.	N. J.	..Sept.	1..	21	5
8	Culp, John Preston.....	Ohio.	K. Kansas.	..Sept.	1..	17	9
9	Curtis, Herman Knox.....	Wis.	Wis.	..Sept.	1..	21	5
10	Darling, Charles Kimball.....	Vt.	Vt.	..Sept.	1..	20	2
11	Fenton, Charles Wendell.....	Mich.	Mich.	..Sept.	1..	19	7
12	Gallup, Charles Corser....	N. Y.	N. Y.	..Sept.	1..	20	9
13	Greene, Charles Nelson.....	Pa.	Pa.	..Sept.	1..	19	9
14	Hall, Bert.....	Mich.	Mich.	..Sept.	1..	21	3
15	Horton, Charles Sumner.....	Pa.	N. Y.	..Sept.	1..	21	7
16	Jones, Hayden Evan.....	Pa.	Pa.	..Sept.	1..	17	5
17	Lafferty, Frederick Sherman..	Cal.	Cal.	..Sept.	1..	19	7
18	McCray, Warwick Miller.....	Pa.	Pa.	..Sept.	1..	17	6
19	McKinstry, Charles Hedges...	Cal.	Cal.	..Sept.	1..	17	8
20	Nelson, Sterling Davis.....	Mo.	Mo.	..Sept.	1..	21	6
21	Nugent, Frank Collins.....	N. J.	N. J.	..Sept.	1..	21	8
22	Overton, Clough.....	Ind.	Texas.	..Sept.	1..	17	2
23	Peirce, William Sullivan.....	Vt.	Vt.	..Sept.	1..	20	3
24	Ryan, John Paul.....	N. Y.	N. Y.	..Sept.	1..	17	5
25	Sample, William Roderick....	Tenn.	Ark.	..Sept.	1..	18	2
26	Stone, Frank Sherman.....	Minn.	Minn.	..Sept.	1..	21	9
27	Turner, William Napoleon....	Miss.	Miss.	..Sept.	1..	18	6
28	Wood, Harvey.....	Ind.	Ind.	..Sept.	1..	18	7
29	Woodson, Robert Scott.....	Va.	N. C.	..Sept.	1..	19	0

CADETS ADMITTED JUNE 14, 1885.

Number.	Names.	State.		Date of Admission.	Age at date of Admission.	
		Born in	Appointed from		Years.	Mos.
1	Alexander, Henry David.....	Ohio.	Minn.	.. June 14..	17	7
2	Allis, William Spencer.....	N. Y.	N. Y.	.. June 14..	21	11
3	Andrews, William Trent.....	S. C.	S. C.	.. June 14..	21	2
4	Barroll, Morris Keene.....	Md.	Md.	.. June 14..	19	5
5	Beach, Frank Herbert.....	Pa.	N. Y.	.. June 14..	18	0
6	Beach, Richard Jarvis.....	Conn.	Conn.	.. June 14..	17	8
7	Becker, Charles Morris.....	Mo.	Col.	.. June 14..	17	1
8	Bethel, Walter Augustus.....	Ohio.	Ohio.	.. June 14..	18	6
9	Black, Robert Mickleberry Williamson	Ga.	Ga.	.. June 14..	18	3
10	Blake, Edmund Molyneux.....	S. C.	N. C.	.. June 14..	19	5
11	Bookmiller, Edwin Victor.....	Ohio.	Ohio.	.. June 14..	17	8
12	Bryan, Claude Frost.....	N. Y.	N. Y.	.. June 14..	19	10
13	Bunn, Jacob Franklin.....	Ill.	Ill.	.. June 14..	17	8
14	Burkhardt, Samuel, Jr.....	Ill.	Ill.	.. June 14..	19	9
15	Campbell, Archibald.....	Pa.	N. Y.	.. June 14..	19	10
16	Clark, William Franklin.....	Ind.	Minn.	.. June 14..	20	3
17	Cloman, Sydney Amos.....	Ohio.	Ohio.	.. June 14..	17	8
18	Comer, Hugh Moss, Jr.....	Ala.	Ga.	.. June 14..	17	4
19	Cornell, William Alexander.....	N. Y.	N. Y.	.. June 14..	19	9
20	Crall, Robert Graham.....	Kansas.	Kansas.	.. June 14..	18	6
21	Crawford, Charles.....	Ohio.	Kansas.	.. June 14..	18	5
22	Dewey, Clayton Oscar.....	Pa.	Pa.	.. June 14..	17	11
23	Dickey, John Lincoln.....	Ohio.	Ohio.	.. June 14..	20	9
24	Dillingham, William Henry.....	Pa.	Pa.	.. June 14..	20	4
25	Ellis, Wilmot Edward.....	N. J.	N. J.	.. June 14..	17	9
26	Flagler, Clement Alexander Finley...	Ga.	Iowa.	.. June 14..	17	9
27	Haan, William George.....	Ind.	Ind.	.. June 14..	21	8
28	Hagadorn, Charles Baldwin.....	N. Y.	N. Y.	.. June 14..	19	3
29	Hains, John Power.....	Pa.	At Large.	.. June 14..	19	9
30	Hamilton, Campbell Thorpe.....	Conn.	N. Y.	.. June 14..	19	10
31	Harding, Chester.....	Miss.	Ala.	.. June 14..	18	5
32	Hare, William Achilles.....	Ohio.	Ohio.	.. June 14..	17	1
33	Harper, Daniel Wesley.....	Miss.	Miss.	.. June 14..	20	10
34	Harrison, Ralph.....	Mo.	Mo.	.. June 14..	19	2
35	Hearing, John Harris.....	Mich.	Wis.	.. June 14..	20	4
36	Henderson, John Inzer.....	Ala.	Ala.	.. June 14..	19	9
37	Holland, Claude Daniel.....	N. C.	N. C.	.. June 14..	19	8
38	Jarvis, James Noah.....	W. Va.	W. Va.	.. June 14..	18	10
39	Johnson, Ben.....	Miss.	Miss.	.. June 14..	19	1

CADETS ADMITTED JUNE 14, 1885.

Number.	Names.	State.		Date of Admission.	Age at date of Admission.	
		Born in	Appointed from		Years.	Mos.
40	Johnson, Emmet.....	Ky.	Ill.	.. June 14..	20	0
41	Kemp, Ulysses Grant.....	Ohio.	Ohio.	.. June 14..	18	5
42	Kerr, Walter, Jr.....	Ind.	Ind.	.. June 14..	19	9
43	Kirwan, Timothy.....	Wis.	Wis.	.. June 14..	17	3
44	Koenigsberg, Henry Philip.....	Mich.	Mich.	.. June 14..	21	0
45	Lacey, Francis Edmond.....	W. Va.	Mich.	.. June 14..	17	3
46	Lambdin, James Madison.....	Ga.	Ga.	.. June 14..	17	4
47	Lassiter, William.....	Va.	Va.	.. June 14..	17	8
48	Lee, Harry Raymond.....	R. I.	R. I.	.. June 14..	19	2
49	Martin, John Thomas.....	Ohio.	Ohio.	.. June 14..	19	5
50	McGlachlin, Edward Fenton, Jr.....	Wis.	Wis.	.. June 14..	17	0
51	McGregor, Robert.....	Mich.	Mich.	.. June 14..	20	5
52	Meehan, William Allen.....	Pa.	Pa.	.. June 14..	20	4
53	Monty, Joseph Parry.....	N. Y.	N. Y.	.. June 14..	18	6
54	Oakland, John Arent.....	Wis.	Wis.	.. June 14..	21	7
55	Peterson, Matt Ransom.....	N. C.	N. C.	.. June 14..	18	10
56	Piper, Alexander Ross.....	N. Y.	Idaho.	.. June 14..	20	3
57	Prowell, Joel Jones.....	Ala.	Ala.	.. June 14..	19	6
58	Randlett, Clarence Bertrand.....	N. H.	N. H.	.. June 14..	18	6
59	Raymond, Allen Dwight.....	Cal.	At Large.	.. June 14..	17	10
60	Rhodes, Charles Dudley.....	Ohio.	Ohio.	.. June 14..	20	4
61	Ritchie, William Andrew.....	Iowa.	Iowa.	.. June 14..	18	10
62	Schermerhorn, James.....	Mich.	Mich.	.. June 14..	20	3
63	Skerrett, Delamere.....	Ohio.	N. Y.	.. June 14..	19	4
64	Sladen, Fred Winchester.....	Mass.	Neb.	.. June 14..	17	6
65	Smith, Augustin Roberts.....	Pa.	Pa.	.. June 14..	18	10
66	Spurgin, David Gilbert.....	Ohio.	N. Y.	.. June 14..	18	3
67	Stockham, Edward Villeroy.....	N. J.	N. J.	.. June 14..	21	7
68	Sykes, George Whitfield.....	Pa.	Pa.	.. June 14..	17	9
69	Taylor, John Rodgers Meigs.....	D. C.	At Large.	.. June 14..	20	5
70	Tennant, Horace Grant.....	N. Y.	N. Y.	.. June 14..	21	4
71	Thompson, William Grant.....	N. Y.	N. Y.	.. June 14..	19	9
72	Tidball, William Henry.....	Ill.	Iowa.	.. June 14..	18	11
73	Webster, Frank Daniel.....	Mo.	Mo.	.. June 14..	18	9
74	Willcox, Francis Wallace.....	Tenn.	Tenn.	.. June 14..	17	9
75	Winslow, Eben Eveleth.....	D. C.	Mass.	.. June 14..	19	1
76	Wood, William E.....	Ill.	Ill.	.. June 14..	21	11
77	Wood, Winthrop Samuel.....	D. C.	Me.	.. June 14..	19	9
78	Woolls, George.....	Va.	N. Y.	.. June 14..	18	10

GENERAL MERIT ROLL
OF THE
GRADUATING CLASS
OF
1885.

GENERAL MERIT ROLL OF THE GRADUATING CLASS OF 1885.

Class rank.	Names.	MERIT IN													General Merit.
		Mathematics.	English.	French.	Natl and Expt'l Philosophy.	Chemistry, Chem- ical Physics, Min- eralogy & Geology.	Tactics.	Drawing.	Civil and Military Engineering.	History.	Spanish.	Law.	Ordnance and Gunnery.	Discipline.	
	<i>Maximum in each branch.</i>	300.0	50.0	100.0	300.0	225.0	100.0	100.0	300.0	75.0	75.0	150.0	100.0	200.0	2075.0
1	Kuhn, Joseph E.	295.0	47.5	95.2	277.4	212.0	88.3	90.0	300.0	72.4	75.0	142.1	96.4	200.0	1991.3
2	Craighill, William E.	300.0	46.2	98.4	294.9	211.8	98.3	86.6	284.2	64.5	63.1	121.0	91.2	189.3	1949.5
3	O'Brien, Michael J.	290.0	48.1	84.1	297.5	221.3	83.3	93.3	294.7	71.0	72.3	139.5	100.0	151.0	1946.1
4	Willcox, Cornélie DeW.	260.0	50.0	100.0	279.7	211.7	75.0	88.3	278.9	75.0	73.6	144.7	87.7	198.3	1922.9
5	Cole, Haydn S.	265.0	48.7	90.4	277.3	214.0	93.3	73.3	273.7	73.7	67.1	150.0	94.7	200.0	1921.2
6	Curtis, Arthur F.	275.0	46.9	93.6	267.1	189.5	100.0	76.6	289.5	65.8	69.7	136.8	98.2	200.0	1908.7
7	Brooks, John C. W.	285.0	45.0	92.0	269.4	180.1	86.6	96.6	252.6	48.7	64.4	105.3	85.9	200.0	1811.6
8	Muir, Charles H.	230.0	45.6	82.5	269.6	198.8	73.3	63.3	268.4	61.8	52.6	134.2	89.4	200.0	1769.5
9	Barrette, John D.	235.0	49.3	74.6	244.2	208.4	71.6	49.9	231.6	69.7	57.8	147.4	92.9	200.0	1732.4
10	Parker, Charles F.	280.0	42.5	65.0	282.2	198.5	61.6	71.6	257.9	47.4	40.7	89.5	77.1	167.7	1681.7
11	Brown, Robert A.	250.0	43.2	68.2	231.6	174.5	81.6	81.6	242.1	60.5	65.7	128.9	75.4	175.0	1678.3
12	Davison, Lorenzo P.	240.0	34.5	73.0	239.4	170.6	95.0	91.6	226.3	52.6	71.0	126.3	84.2	171.0	1675.5
13	Hubbard, Elmer W.	245.0	39.5	80.9	216.2	211.6	76.6	100.0	205.3	59.2	48.6	107.9	78.9	189.3	1659.0
14	Carson, John M., Jr.	190.0	31.4	71.4	239.5	146.4	90.0	48.3	236.8	63.1	56.5	100.0	82.4	191.7	1547.5
15	Brown, Austin H.	205.0	38.8	77.7	226.2	144.3	80.0	95.0	215.8	38.1	61.8	86.8	63.1	200.0	1532.6
16	Parmeter, Almon L.	180.0	27.1	60.3	206.5	187.5	70.0	80.0	189.5	67.1	51.3	131.6	70.1	200.0	1521.0
17	Holbrook, Willard A.	210.0	37.6	42.8	198.9	167.1	59.9	59.9	263.2	53.9	39.4	110.5	71.9	200.0	1515.1
18	Ramsey, Frank DeW.	255.0	22.8	39.6	231.5	181.7	85.0	83.3	194.7	34.2	30.2	81.6	64.9	199.0	1503.5
19	Cree, John K.	175.0	40.1	79.3	156.0	149.9	46.6	98.3	247.4	44.7	55.2	123.7	66.6	200.0	1482.8
20	McCain, Henry P.	155.0	21.6	76.1	208.8	129.4	96.6	51.6	221.0	50.0	53.9	97.4	73.6	198.7	1433.7
21	Cook, Frank A.	220.0	28.3	85.7	229.2	165.0	36.6	70.0	173.7	32.9	68.4	57.9	57.8	159.3	1384.8
22	Biddle, William S., Jr.	270.0	44.4	96.8	155.5	123.5	68.3	61.6	147.3	56.6	60.5	60.5	47.3	172.0	1364.3
23	Little, John	165.0	38.2	61.9	160.8	125.5	91.6	75.0	184.2	42.1	44.7	94.7	59.6	200.0	1343.3
24	Koehler, Lewis M.	160.0	30.2	33.3	201.1	168.5	49.9	54.9	210.5	46.0	46.0	118.4	80.7	137.7	1337.2
25	Cartwright, George S.	170.0	37.0	58.7	168.3	155.7	41.6	41.6	168.4	68.4	42.1	113.1	52.6	200.0	1317.5

26	Michie, Robert E. L.....	215.0	25.3	52.3	203.8	116.1	38.3	65.0	178.9	55.3	38.1	76.3	61.4	182.0	1307.8
27	Bullard, Robert L.....	195.0	43.8	88.8	173.1	110.4	51.6	44.9	142.1	40.8	59.2	92.1	54.3	187.7	1283.8
28	Smiley, Samuel E.....	130.0	33.3	66.6	161.0	155.5	53.3	53.3	163.1	57.9	47.3	84.2	68.4	190.3	1264.2
29	Devore, Daniel B.....	200.0	23.4	36.5	221.8	108.7	56.6	58.3	157.9	30.3	34.2	65.8	56.1	200.0	1249.6
30	Buck, Beaumont B.....	135.0	39.2	55.5	127.9	90.0	63.3	78.3	200.0	39.5	43.4	78.9	45.6	199.0	1195.6
31	Bettens, Philip A.....	145.0	26.5	34.9	148.1	140.6	78.3	85.0	131.6	26.3	31.5	71.0	42.1	199.3	1160.2
32	Byram, George L.....	140.0	32.7	53.9	117.8	116.2	48.3	39.9	136.8	36.8	27.6	115.8	49.1	189.0	1103.9
33	Putnam, George I.....	105.0	29.6	57.1	112.6	120.3	54.9	66.6	152.6	51.3	50.0	63.2	38.5	185.0	1086.7
34	Gilman, Edward R.....	150.0	32.0	49.2	117.5	84.4	66.6	46.6	121.0	43.4	32.8	102.6	40.3	200.0	1086.4
35	Towsley, Charles D.....	225.0	29.0	46.0	150.4	109.1	33.3	33.3	105.2	31.6	35.5	68.4	43.8	160.0	1070.6
36	Benton, James W.....	120.0	24.6	47.6	175.9	88.3	44.9	68.3	126.3	28.9	36.8	55.3	50.8	145.7	1013.4
37	Martin, William F.....	125.0	20.3	41.2	140.3	97.3	65.0	56.6	115.8	35.5	26.3	50.0	35.0	199.0	1007.3
38	Whipple, Herbert S.....	100.0	35.8	63.4	117.7	112.9	43.3	43.3	110.5	27.6	25.0	73.7	33.3	199.0	985.5
39	Lawton, Edward P.....	110.0	30.8	38.0	105.1	75.0	58.3	34.9	100.0	25.0	28.9	52.6	36.8	184.0	879.4

**LIST OF DISTINGUISHED CADETS REPORTED AT THE
ANNUAL EXAMINATION, 1885.**

Number.	Names.	State.		Science and Art in which each Cadet particularly excels.
		Born in	App'ted from	
FIRST CLASS.				
1	Kuhn, Joseph E.....	Kan.	Kan.	Civil and Military Engineering and Science of War, Law, History, Spanish, Ordnance and Gunnery, Natural and Experimental Philosophy, Chemistry, Chemical Physics, Mineralogy and Geology, Tactics, Drawing, Mathematics, French, and English.
2	Craighill, William E.....	Md.	At Large.	Civil and Military Engineering and Science of War, History, Ordnance and Gunnery, Natural and Experimental Philosophy, Chemistry, Chemical Physics, Mineralogy and Geology, Tactics, Drawing, Mathematics, French, and English.
3	O'Brien, Michael J.....	Mass.	Mass.	Civil and Military Engineering and Science of War, Law, History, Spanish, Ordnance and Gunnery, Natural and Experimental Philosophy, Chemistry, Chemical Physics, Mineralogy and Geology, Drawing, Mathematics, and English.
4	Willcox, Cornélis DeW....	Switzerland.	Ga.	Civil and Military Engineering and Science of War, Law, History, Spanish, Ordnance and Gunnery, Natural and Experimental Philosophy, Chemistry, Chemical Physics, Mineralogy and Geology, Drawing, Mathematics, French and English.
5	Cole, Haydn S.....	N. Y.	Ill.	Civil and Military Engineering and Science of War, Law, History, Spanish, Ordnance and Gunnery, Natural and Experimental Philosophy, Chemistry, Chemical Physics, Mineralogy and Geology, Tactics, Mathematics, French and English.

**LIST OF DISTINGUISHED CADETS REPORTED AT THE
ANNUAL EXAMINATION, 1885.**

<i>Number.</i>	<i>Names.</i>	<i>State.</i>		<i>Science and Art in which each Cadet particularly excels.</i>
		<i>Born in</i>	<i>App'ted from</i>	
SECOND CLASS.				
1	Newcomer, Henry C.....	Pa.	Ill.	Natural and Experimental Philosophy, Chemistry, Chemical Physics, Mineralogy and Geology, Tactics, and Drawing.
2	Patrick, Mason M.....	W. Va.	W. Va.	Natural and Experimental Philosophy, Chemistry, Chemical Physics, Mineralogy and Geology, and Tactics.
3	Riché, Charles S.....	Pa.	Pa.	Natural and Experimental Philosophy, and Tactics.
4	Potter Charles L.....	Me.	Me.	Natural and Experimental Philosophy, Chemistry, Chemical Physics, Mineralogy and Geology, and Tactics.
5	Rees, Thomas H.....	Mich.	Mich.	Natural and Experimental Philosophy, Chemistry, Chemical Physics, Mineralogy and Geology, and Drawing.
THIRD CLASS.				
1	Shunk, Francis R.....	Pa.	Pa.	Mathematics, French and Drawing.
2	Robinson, Wirt.....	Va.	Va.	Mathematics, French and Drawing.
3	Meyler, James J.....	N. J.	N. J.	Mathematics, French and Drawing.
4	Peck, Fremont P.	N. Y.	N. Y.	Mathematics, French and Drawing.
5	Landers, George F.....	Md.	Md.	Mathematics.
FOURTH CLASS.				
1	Jervey, Henry.....	Va.	S. C.	Mathematics, English and French.
2	Burr, George W.....	Ill.	Mo.	Mathematics, English and French.
3	McKinstry, Charles H.....	Cal.	Cal.	Mathematics and English.
4	Palmer, Charles D.....	Ohio.	Iowa.	Mathematics and English.
5	Judson, William V.....	Ind.	Ind.	Mathematics and English.

NOTE.—The Cadets in each Class reported as “distinguished” are the first five according to class rank. Only the subjects in which the Cadet stands above tenth are mentioned.

CASUALTIES.

Resigned (11).

Carnahan, Frank W.	1st Class	Nov. 15, 1884.
Leonard, Lee	3d Class	Jan. 30, 1885.
Walton, Clifford S.	3d Class	Nov. 1, 1884.
Armstrong, Robert	4th Class	Sept. 20, 1884.
Berry, John D.	4th Class	Oct. 4, 1884.
Curtis, Herman K.	4th Class	Feb. 28, 1885.
Galloway, John R.	4th Class	Dec. 4, 1884.
Horton, Charles S.	4th Class	Sept. 29, 1884.
Leonard, William J.	4th Class	Nov. 30, 1884.
Logan, John A., Jr.	4th Class	Nov. 15, 1884.
Wood, Harvey	4th Class	Oct. 14, 1884.

Discharged (45).

Cole, George W.	2d Class	June 19, 1885.
Owen, Warren C.	2d Class	June 19, 1885.
Wilder, William H.	2d Class	June 19, 1885.
Baker, Francis C.	3d Class	Jan. 16, 1885.
Cadman, Edwin M.	3d Class	Jan. 16, 1885.
Clarke, Joseph T.	3d Class	June 19, 1885.
Davis, William M.	3d Class	June 19, 1885.
Parker, William S.	3d Class	Jan. 16, 1885.
Peach, Robert W.	3d Class	Jan. 16, 1885.
Pepoon, Percy	3d Class	Jan. 16, 1885.
Alexander, Charles T.	4th Class	Jan. 16, 1885.
Anderson, Wert F.	4th Class	Jan. 16, 1885.
Armstrong, Gale	4th Class	Jan. 16, 1885.
Baney, Glenn E.	4th Class	June 19, 1885.
Brown, James P.	4th Class	Jan. 16, 1885.
Caine, Joseph E.	4th Class	June 19, 1885.
Card, William S.	4th Class	Jan. 16, 1885.
Childs, Samuel S.	4th Class	June 19, 1885.
Cornell, William A.	4th Class	Jan. 16, 1885.
Culp, John P.	4th Class	June 19, 1885.
Evans, John M.	4th Class	Jan. 16, 1885.
Fitch, Frank	4th Class	June 19, 1885.
Hall, Bert	4th Class	Jan. 16, 1885.
Henman, John L. N.	4th Class	Jan. 16, 1885.
Jay, Walter C.	4th Class	Jan. 16, 1885.
Jones, Hayden E.	4th Class	June 19, 1885.
Kerin, Thomas L.	4th Class	Feb. 10, 1885.
Little, George S.	4th Class	Jan. 16, 1885.
Lockwood, Charles J.	4th Class	June 19, 1885.
Miller, John F.	4th Class	June 19, 1885.
Miller, John M., Jr.	4th Class	Jan. 16, 1885.
Mooney, Joseph T.	4th Class	Jan. 16, 1885.
Muller, Frederick J. E. W.	4th Class	Jan. 16, 1885.
Nelson, Sterling D.	4th Class	June 19, 1885.
Newsom, Sidney C.	4th Class	Jan. 16, 1885.
Nugent, Frank C.	4th Class	June 19, 1885.
O'Brien, James	4th Class	Jan. 16, 1885.
Pace, Lewis D.	4th Class	Jan. 16, 1885.
Power, Howard L.	4th Class	Jan. 16, 1885.
Scott, William S.	4th Class	Jan. 16, 1885.
Starkweather, George W.	4th Class	Jan. 16, 1885.
Stone, Frank S.	4th Class	Jan. 16, 1885.
Vincent, Edward E.	4th Class	June 19, 1885.
Williams, Robert Cutts	4th Class	Jan. 16, 1885.
Woodson, Robert S.	4th Class	Jan. 16, 1885.

Retired (1).

Junius B. Wheeler	Professor of Civil and Military Engineering. Retired, September 29, 1884. [Section 1243, Revised Statutes.]
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BATTALION ORGANIZATION.

For instruction in Infantry Tactics and in military police and discipline, the Cadets are organized into a battalion of four companies, under the Commandant of Cadets, each company being commanded by an officer of the Army. The officers and non-commissioned officers are selected from those Cadets who have been most studious, soldier-like in the performance of their duties, and most exemplary in their general deportment. In general, the officers are taken from the first class; the sergeants from the second class; and the corporals from the third class.

CAPTAINS.

P. A. BETTENS, H. S. COLE, J. E. KUHN, C. F. PARKER.

LIEUTENANTS.

A. H. BROWN, *Adjutant.*

E. R. GILMAN, *Quartermaster.*

J. LITTLE,
J. D. BARRETTE,
H. S. WHIPPLE,
C. H. MUIR,

G. L. BYRAM,
R. L. BULLARD,
A. F. CURTIS,
E. W. HUBBARD,

H. P. MCCAIN,
D. B. DEVORE,
M. J. O'BRIEN,
W. A. HOLBROOK.

T. B. MOTT, *Sergeant-Major.*

H. C. NEWCOMER, *Quartermaster-Sergeant.*

1st SERGEANTS.

J. J. PERSHING,

J. E. MCMAHON,

T. H. REES,

M. H. BARNUM.

SERGEANTS.

A. B. SHATTUCK,
J. T. HAINES,
E. M. LEWIS,
C. G. DWYER,
M. M. PATRICK,
A. D. NISKERN,

C. S. RICHÉ,
C. C. BALLOU,
C. T. MENOHER,
R. G. PROCTER,
J. C. BYRON,
J. A. TOWERS,

L. G. BERRY,
C. STEWART,
W. H. BEAN,
W. M. SWAINE.

CORPORALS.

E. C. YOUNG,
J. M. JENKINS,
C. B. WHEELER,
J. A. HARMAN,
R. L. HOWZE,
F. P. PECK,
R. P. DAVIS,

J. C. GREGG,
H. E. WILKINS,
M. L. HERSEY,
P. ISHAM,
W. WEIGEL,
W. H. WASSSELL,
A. I. MORIARTY,

E. L. LOVERIDGE,
J. T. DEAN,
G. O. SQUIER,
E. HINDS,
G. MCK. WILLIAMSON,
E. RUSSEL.

June 12th, 1885.

Course of Study and Books Used at the Military Academy.

(Books marked thus * are for reference.)

FIRST YEAR.—FOURTH CLASS.

DEPARTMENT.	COURSE OF STUDY, TEXT BOOKS AND BOOKS OF REFERENCE.
Mathematics.	Davies' Elements of Algebra. Davies' Legendre's Geometry. Church's Plane and Spherical Trigonometry. Davies' Surveying. Church's Analytical Geometry.
Modern Languages.	Keetels' Analytical and Practical French Grammar. Keetels' Analytical French Reader. *Spiers' and Surene's Dictionary. Whitney's Essentials of English Grammar. Hart's Manual of Rhetoric and Composition. Abbott and Seeley's English Lessons for English People. Abbott's How to Write Clearly. *Webster's Dictionary.
History, Geography and Ethics.	Lectures in Ethics, and in Universal History.
Tactics of Artillery and Infantry.	Practical Instruction in the Schools of the Soldier, Company and Battalion. Practical Instruction in Artillery.
Use of Small Arms.	Instruction in Fencing and Bayonet Exercise, and Military Gymnastics.

SECOND YEAR.—THIRD CLASS.

DEPARTMENT.	COURSE OF STUDY, TEXT BOOKS AND BOOKS OF REFERENCE.
Mathematics.	Church's Analytical Geometry. Church's Descriptive Geometry, with its application to Spherical Projections. Church's Calculus. Church's Shades, Shadows and Perspective. Chauvenet's Treatise on the Method of Least Squares.
Modern Languages.	Keetels' Analytical and Practical French Grammar. Borel's Grammaire Française. Böcher's College Series of French Plays. Roemer's Cours de Lecture et de Traduction. Vols. I and II. *Spiers' and Surene's Dictionary.
Drawing.	Topography and plotting of Surveys with lead pencil, pen and ink, and colors; construction of the various Problems in Descriptive Geometry, Shades and Shadows, and Linear Perspective and Isometric Projections; Practical Surveying in the field.
Tactics of Artillery, Infantry & Cavalry.	Practical Instruction in the Schools of the Soldier, Company and Battalion. Practical Instruction in Artillery and Cavalry.

THIRD YEAR.—SECOND CLASS.

DEPARTMENT.	COURSE OF STUDY, TEXT BOOKS AND BOOKS OF REFERENCE.
Natural and Experimental Philosophy.	Bartlett's Mechanics. Bartlett's Astronomy. Michie's Elements of Wave-Motion relating to sound and light.
Chemistry, Mineralogy and Geology.	Bloxam's Chemistry—5th Edition—Everett's Deschanel's Heat, Part II.; Tillman's Principles of Chemical Philosophy. Thompson's Elementary Lessons in Electricity and Magnetism. Dana's Mineralogy. Le Conte's Elements of Geology.
Drawing.	Free Hand Drawing and Landscape in black and white. Constructive and Architectural Drawing in ink and colors.
Tactics of Artillery, Infantry and Cavalry.	United States Army Artillery Tactics. Tidball's Manual of Heavy Artillery Service, U. S. Army. United States Army Cavalry Tactics. Upton's United States Army Infantry Tactics. Practical Instruction in the Schools of the Soldier, Company and Battalion. Practical Instruction in Artillery and Cavalry.
Practical Military Engineering.	Myer's Manual of Signals. Practical and Theoretical Instruction in Military Signaling.

FOURTH YEAR.—FIRST CLASS.

DEPARTMENT.	COURSE OF STUDY, TEXT BOOKS AND BOOKS OF REFERENCE.
Civil and Military Engineering and Science of War.	Wheeler's Civil Engineering. Wheeler's Field Fortifications. Wheeler's Military Engineering, (Permanent Fortifications, Siege Operations, and Military Mining.) Wheeler's Elements of the Art and Science of War. Mahan's Stereotomy.
Modern Languages.	Knapp's Spanish Grammar. Knapp's Spanish Readings. *Seoane's Neuman and Baretti's Dictionary.
Law.	Woolsey's International Law. Cooley's General Principles of Constitutional Law in the United States. General Orders No. 100, A. G. O., 1863. Ives' Treatise on Military Law.
History, Geography and Ethics.	Swinton's Outlines of the World's History. Labberton's Historical Atlas.

FOURTH YEAR.—FIRST CLASS.

DEPARTMENT.	COURSE OF STUDY, TEXT BOOKS AND BOOKS OF REFERENCE.
Practical Military Engineering.	Practical Instruction in the construction of Ponton and Spar Bridges ; in the preparation of Siege Materials ; and in laying out field and siege works. Practical Instruction in Astronomy, in Surveying, in Military Reconnaissances, in Field Telegraphy and Night Signaling. *Ernst's Manual of Practical Military Engineering. Myer's Manual of Signals.
Tactics of Artillery, Infantry and Cavalry.	Practical Instruction in the Schools of the Soldier, Company and Battalion. Practical Instruction in Artillery and Cavalry.
Ordnance and Gunnery.	Benton's Ordnance and Gunnery. Ordnance Pamphlets, (Mordecai.) Nos. 1, 2, 3, 4 and 5. Practical Pyrotechnics. Practical Ballistics.

INFORMATION RELATIVE TO THE APPOINTMENT AND ADMISSION OF CADETS TO THE UNITED STATES MILITARY ACADEMY.

APPOINTMENTS.

Each Congressional District and Territory—also the District of Columbia —is entitled to have one Cadet at the Academy. Ten are also appointed *at large*. The appointments (except those *at large*) are made by the Secretary of War at the request of the Representative, or Delegate, in Congress from the District or Territory; and the person appointed must be an actual resident of the District or Territory from which the appointment is made. The appointments *at large* are specially conferred by the President of the United States. **How made.**

Applications can be made at any time, by letter to the Secretary of War, **Manner of making** to have the name of the applicant placed upon the register that it may be fur- **applications.** nished to the proper Representative, or Delegate, when a vacancy occurs. The application must exhibit the full name, exact age, and permanent abode of the applicant, with the number of the Congressional District in which his residence is situated.

Appointments are required by law to be made one year in advance of the **Date of appoint-** date of admission, except in cases where, by reason of death or other cause, a **ments.** vacancy occurs which cannot be provided for by such appointment in advance. These vacancies are filled in time for the next annual examination.

Should the Representative, or Delegate, in Congress have reason to doubt **Alternates.** the success of his nominee in passing the entering examination, he can nominate a legally qualified *alternate*. The alternate will be examined with the regular nominee and admitted in the event of his success and the latter's failure to pass the prescribed preliminary examinations.

The alternate, like the nominee, should be designated as nearly one year in advance of date of admission as practicable.

A candidate upon receiving his appointment is ordered to report at **Admission of** West Point to the Superintendent of the Military Academy in time to ap- **Cadets.** pear before the Academic Board for examination at its meeting early in June, unless there be good reasons for designating another time.

The candidate, soon after his arrival at West Point is subjected to a rigid physical examination by a Board of experienced Surgeons of the Army. If he passes successfully this examination, he is then examined by the Academic Board. These examinations are made with as little delay as practicable after the candidate reports to the Superintendent.

The candidate who passes successfully these examinations is admitted, at once, to the Academy without returning to his home. In January following, he is subjected to another academical examination, and if he passes this one successfully, he receives a warrant as Cadet, and is required to sign articles binding himself to serve the United States eight years from the time of his admission to the Academy, unless sooner discharged.

The age for the admission of Cadets to the Academy is between seven- **Qualifications.** teen and twenty-two years. Candidates must be unmarried, at least five feet in height, free from any infectious or immoral disorder, and generally, from any deformity, disease, or infirmity which may render them unfit for military service. They must be well versed in reading, in writing, including orthography, in arithmetic, and have a knowledge of the elements of English grammar, of descriptive geography, (particularly of our own country), and of the history of the United States.

Each Cadet, upon his *admission* shall take the oath of office prescribed for Cadets, and *before receiving his warrant* shall, in the presence of the Superintendent, or of some officer deputed by him, subscribe to an engagement in the following form :

UNITED STATES MILITARY ACADEMY.

I, _____, of the State of _____, aged _____ years _____ month _____, having been selected for appointment as a Cadet in the Military Academy of the United States, do hereby engage, with the consent of my (parent or guardian), in the event of my receiving such appointment, that I will serve in the Army of the United States for eight years, unless sooner discharged by competent authority. And I, _____, *do solemnly swear* that I will support the Constitution of the United States and bear true allegiance to the National Government ; that I will maintain and defend the sovereignty of the United States paramount to any and all allegiance, sovereignty, or fealty I may owe to any State, county, or country whatsoever ; and that I will at all times obey the legal orders of my superior officers, and the rules and articles governing the Armies of the United States.

Sworn and subscribed to, at _____, this _____ day of _____, eighteen hundred and _____, before _____

CHARACTER OF EXAMINATIONS.*

PHYSICAL EXAMINATION.

Every candidate is subjected to a rigid physical examination, and if there is found to exist in him any of the following causes of disqualification to such a degree as would immediately or at no very distant period impair his efficiency, he is rejected :

- 1.—Feeble constitution and muscular tenuity; unsound health from whatever cause ; indications of former disease ; glandular swellings, or other symptoms of scrofula.
- 2.—Chronic cutaneous affections, especially of the scalp.
- 3.—Severe injuries of the bones of the head ; convulsions.
- 4.—Impaired vision, from whatever cause ; inflammatory affections of the eyelids ; immobility or irregularity of the iris ; fistula lachrymalis, &c., &c.
- 5.—Deafness ; copious discharge from the ears.
- 6.—Loss of many teeth, or the teeth generally unsound.
- 7.—Impediment of speech.
- 8.—Want of due capacity of the chest, and any other indication of a liability to a pulmonic disease.
- 9.—Impaired or inadequate efficiency of one or both of the superior extremities on account of fractures, especially of the clavicle, contraction of a joint, extenuation, deformity, &c., &c.
- 10.—An unusual excurvature or incurvature of the spine.
- 11.—Hernia.
- 12.—A varicose state of the veins of the scrotum or the spermatic cord (when large), sarcocele, hydrocele, hemorrhoids, fistulas.

NOTE.—There being no provision whatever for the payment of the traveling expenses of either accepted or rejected candidates for admission, no candidate should fail to provide himself in advance with the means of returning to his home, in case of his rejection before either of the Examining Boards, as he may otherwise be put to considerable trouble, inconvenience, and even suffering on account of his destitute condition. If admitted, the money brought by him to meet such a contingency can be deposited with the Treasurer on account of his equipment as a Cadet, or returned to his friends.

* It is suggested to all candidates for admission to the Military Academy that, before leaving their place of residence for West Point, they should cause themselves to be thoroughly examined by a competent physician, and by a teacher or instructor in good standing. By such an examination any *serious* physical disqualification or deficiency in mental preparation would be revealed, and the candidate probably spared the expense and trouble of a useless journey and the mortification of rejection.

It should be understood that the informal examination herein recommended is solely for the convenience and benefit of the candidate himself, and can in no manner affect the decision of the Academic and Medical Examining Boards at West Point.

13.—Impaired or inadequate efficiency of one or both of the inferior extremities on account of varicose veins, fractures, malformation (flat feet, &c.), lameness, contraction, unequal length, bunions, overlying or supernumerary toes, &c., &c.

14.—Ulcers, or unsound cicatrices of ulcers likely to break out afresh.

ACADEMICAL EXAMINATION.

In *Reading*, candidates must be able to read understandingly, with proper accent and emphasis. **Reading.**

In *Writing and Orthography*, they must be able from dictation, to write sentences from standard pieces of English literature, both prose and poetry, sufficient in number to test their qualifications both in hand-writing and orthography. **Writing and Orthography.**

In *Arithmetic*, they must be able—

Arithmetic.

1st. To explain, accurately and clearly, its objects and the manner of writing and reading numbers—entire—fractional—compound or denominate ;

2d. To perform with facility and accuracy the various operations of addition—subtraction—multiplication and division of whole numbers, abstract and compound or denominate, giving the rule for each operation, *with its reasons*, and also for the different methods of proving the accuracy of the work ;

3d. To explain the meaning of reduction—its different kinds—its application to denominate numbers in reducing them from a higher to a lower denomination and the reverse, and to equivalent decimals ; to give the rule for each case, *with its reasons*, and to apply readily these rules to practical examples of each kind ;

4th. To explain the nature of prime numbers, and factors of a number—of a common divisor of two or more numbers, particularly of their *greatest common divisor*—with its use, and to give the rule, *with its reasons*, for obtaining it ; also the meaning of a common multiple of several numbers, particularly of their *least common multiple* and its use, and to give the rule, *with its reasons*, for obtaining it, and to apply each of these rules to examples ;

5th. To explain the nature of fractions, common or vulgar, and decimal—to define the various kinds of fractions, with the distinguishing properties of each—to give all the rules for their reduction ; particularly from mixed to improper and the reverse—from compound or complex to simple—to their lowest terms—to a common denominator—from common to decimal and the reverse ; for their addition—subtraction—multiplication and division, *with the reason* for each change of rule, and to apply each rule to examples ;

6th. To define the terms, ratio and proportion—to give the properties of proportion and the rules and *their reasons*, for stating and solving questions in both simple and compound proportion, or single and double rule of three, and to apply these rules to examples ;

7th. The candidates must not only know the principles and rules referred to above, but they are required to possess such a thorough understanding of all the fundamental operations of arithmetic as will enable them to combine the various principles in the solution of any complex problem which can be solved by the methods of arithmetic. In other words, they must possess such a complete knowledge of arithmetic as will enable them to take up at once the higher branches of mathematics without further study of arithmetic ;

8th. It is to be understood that the examination in these branches may be either written or oral, or partly written and partly oral—that the definitions and rules must be given fully and accurately, and that the work of all examples, whether upon the black-board, slate, or paper, must be written plainly and in full, and in such a manner as to show clearly the mode of solution.

The following examples and questions in Arithmetic are a few of those which have been used at past examinations. They are given in order to indicate more clearly what is required, but it should be distinctly understood that entirely different ones are used each year.

Multiply 4.32 by .00012.

Explain the reason for placing the decimal point in the answer. [*The rule for so doing is not the reason.*]

Reduce $5\frac{1}{2} + \frac{7\frac{1}{4}}{0.5} - 0.725$
 to an equivalent decimal.

Divide 3380321 by MDCCXCIX, and express the quotient by the Roman system of notation.

Change .013 to an equivalent fraction whose denominator is 135.

Find the greatest common divisor of $26\frac{1}{4}$, $28\frac{7}{8}$, and $29\frac{1}{6}$.

How many men would be required to cultivate a field of $2\frac{5}{8}$ acres in $5\frac{1}{2}$ days of 10 hours each, if each man completed 77 square yards in 9 hours?

Separate $772\frac{3}{8}$ into three numbers, which shall be in the same proportion as $2\frac{1}{2}$, $\frac{7}{10}$, $\frac{6}{10}$.

5 cubic feet of gold weigh 98.20 times as much as a cubic foot of water, and 2 cubic feet of copper weigh 18 times as much as a cubic foot of water; how many cubic inches of copper will weigh as much as $\frac{7}{9}$ of a cubic inch of gold?

Find the least common multiple for the numbers $\frac{3}{4}$, 2.1, 5.25, $\frac{7}{8}$.

A wins 9 games out of 15 when playing against B, and 16 out of 25 when playing against C. How many games out of 118 should C win when playing against B?

A and B run a race, their rates of running being as 17 to 18. A runs $2\frac{1}{3}$ miles in 16 minutes 48 seconds, and B runs the entire distance in 34 minutes. What was the entire distance?

A and B can do a piece of work in 4 hours, A and C in $3\frac{3}{5}$ hours, B and C in $5\frac{1}{7}$ hours. In what time can A do it alone?

English shillings are coined from a metal which contains 37 parts of silver to 3 parts of alloy; one pound of this metal is coined into 66 shillings. The United States silver dollar weighs 412.5 grains, and consists of 9 parts silver to 1 of alloy. What fraction of the U. S. dollar will contain the same amount of silver as one English shilling?

Give the rule for reducing a decimal of a given denomination to integers of lower denominations.

What is the effect of dividing the denominator of a fraction by a whole number, and why?

Explain the difference between a common fraction and a decimal.

What is the effect of annexing a cipher to a decimal, and why?

If the same number be subtracted from both terms of an improper fraction, what will be the effect? Why?

Give the rule for reducing a common fraction to an equivalent decimal, and explain why the resulting decimal will be equal to the common fraction from which it is obtained.

Give the rule for dividing one decimal by another, and explain why the decimal point in the quotient is placed where the rule directs.

Define Reduction, and state the different kinds.

Grammar.

In *English Grammar*, candidates must be able—

1. To define the parts of speech, and give their classes and properties; to give inflections, including declension, conjugation and comparison; to give the corresponding masculine and feminine gender-nouns; to give and apply the ordinary rules of syntax.

2. To parse fully and correctly any ordinary sentence, omitting rules, declensions, comparisons, and principal parts, but giving the subject of each verb, the governing word of each objective case, the word for which each pronoun stands or to which it refers, the words between which each preposition shows the relation, precisely what each conjunction

connects, what each adjective and adverb qualifies or limits, the construction of each infinitive, and, generally, showing a good knowledge of the function of each word in the sentence. Omissions will be taken to indicate ignorance.

3. To correct in sentences or extracts any ordinary grammatical errors, such as are mentioned and explained in ordinary grammars.

It is not required that any particular grammarian or text-book shall be followed; but rules, definitions, parsing, and corrections must be in accordance with good usage and common sense. The examination may be written or oral, or both written and oral.

Candidates will be required to pass a satisfactory examination, written or **Geography**, oral, or both, in *Geography*, particularly of our own country. To give a candidate a clear idea of what is required, the following synopsis is added to show the character and extent of the examination. Questions are likely to be asked involving knowledge of:

1st. Definitions of the geographical circles, of latitude and longitude, of zones and of all the natural divisions of the earth's surface, as islands, seas, capes, &c.

2d. The continental areas and grand divisions of the water of the earth's surface.

3d. The grand divisions of the land—the large bodies of water which in part or wholly surround them.

Their principal mountains, location, direction, and extent; the capes, from what parts they project and into what waters!

Their principal peninsulas, location, and by what waters are they embraced!

The parts connected by an isthmus, if any;

Their principal islands, location, and surrounding waters;

The seas, gulfs, and bays, the coasts they indent, and the waters to which they are subordinate;

The straits, the lands they separate, and the waters they connect;

Their principal rivers, their sources, directions of flow, and the waters into which they empty;

Their principal lakes, location and extent.

4th. The political divisions of the grand divisions.

Their names, locations, boundaries, and capitals; general questions of the same character as indicated in the second section, made applicable to each of the countries of each of the grand divisions.

5th. The United States.

The candidate should be thoroughly informed as to its general features, configuration, location, and boundaries (both with respect to neighboring countries, and latitude and longitude); its adjacent oceans, seas, bays, gulfs, sounds, straits, and islands; its mountain ranges, their location and extent; the sources, directions, and terminations of the important rivers and their principal tributaries, the lakes, and, in short, every geographical feature of the country as indicated above. The location and termination of important railroad lines and other means of communication from one part of the country to another should not be omitted.

The States and Territories are to be accurately located with respect to each other by their boundaries, and as to their order along the Atlantic Coast, the Gulf of Mexico, the Pacific Coast, the Northern frontier, the Mexican frontier, and the Mississippi, Missouri, and Ohio Rivers.

The boundary and other large rivers of each State, as well as all other prominent geographical features should be known.

The names and locations of their capitals, and other important cities and towns are likewise to be known.

In short, the knowledge should be so complete that a clear mental picture of the whole or any part of the United States is impressed on the mind of the candidate. More weight is attached to a knowledge of the geography of the United States than to that of all other countries combined.

History. The candidate should make himself familiar with so much of the *History of the United States* as is contained in the ordinary school histories. The examination may be written or oral, or partly written and partly oral, and will usually consist of a series of questions similar to the following :

I.—Name the earliest European settlements within the present limits of the United States—when, where, and by whom made! When did the settlements made by other nations than the English, come under the Dominion of Great Britain, and of the United States!

II.—What was the difference between the Royal, the Chartered, and the Proprietary colonies! How many colonies were there originally in Massachusetts and Connecticut! when were they united! How many in Pennsylvania! when were they separated!

III.—In what wars were the colonies engaged before the Revolution! What were the principal events and results of those of King William, Queen Anne, King George, and the French and Indian!

IV.—What were the remote and the immediate causes of the American Revolution! Explain the Navigation Act, the Stamp Act, Writs of Assistance. When did the War of the Revolution properly begin! when, where, and how did it end! Give the particulars of Arnold's treason. Who were the most prominent generals in this war! Name the most important battles and their results.

V.—The Constitution of the United States—why and when was it formed! when was it adopted!

VI.—Give the names of the Presidents of the United States in their order. Give the leading events of the administration of each one; for example, that of—

WASHINGTON.—Indian War; trouble with France; Jay's treaty; the whiskey rebellion &c.

JEFFERSON.—War with Tripoli; purchase of Louisiana; the embargo, &c., &c.

MADISON.—War of 1812; its causes; the principal battles on land and sea; peculiarity of its last battle, when ended, &c., &c.

MONROE.—Indian War; cession of Florida; Missouri compromise, &c., &c.

JACKSON.—Black Hawk and Seminole wars; the United States Bank; nullification, &c.

POLK.—The Mexican War; its causes; principal battles: result of it, &c., &c.

PIERCE.—Repeal of Missouri compromise; troubles in Kansas, &c., &c.

BUCHANAN.—Civil War; how begun, &c., &c.

LINCOLN.—War of Secession: its causes; its results, social and political; explain Doctrine of State Sovereignty; alienation between Northern and Southern states; Doctrine of Secession; give an account of principal battles.

JOHNSON.—Fourteenth Amendment; Tenure of Office Bill; Johnson's Impeachment.

GRANT.—Fifteenth Amendment; Alabama Claims and Treaty of Washington; Electoral Commission.

ACADEMIC DUTIES.

The academic duties and exercises commence on the first of September and continue until the first of June. Examinations of the several classes are held in January and June, and, at the former, such of the new Cadets as are found proficient in studies and have been correct in conduct are given the particular standing in their class to which their merits entitle them. After each examination, Cadets found deficient in conduct or studies are discharged from the Academy, unless the Academic Board for special reasons in each case should otherwise recommend. Similar examinations are held every January and June during the four years comprising the course of studies.

These examinations are very thorough, and require from the Cadet a close and persevering attention to study, without evasion or slighting of any part of the course, as no relaxations of any kind can be made by the examiners.

From the termination of the examination in June to the end of August the Cadets live in camp, engaged only in military duties and exercises and receiving practical military instruction. **Military Instruction.**

Except in extreme cases, Cadets are allowed but one leave of absence during the four years' course: as a rule the leave is granted at the end of the first two years' course of study.

PAY OF CADETS.

The pay of a Cadet is \$540 per year, to commence with his admission to the Academy, and is sufficient, with proper economy, for his support. No Cadet is permitted to receive money, or any other supplies, from his parents, or from any person whomsoever, without the sanction of the Superintendent.

Cadets are required to wear the prescribed uniform. All articles of their clothing are of a uniform pattern, and are sold to Cadets at West Point at regulated prices. It is best for a candidate to take with him no more money than will defray his traveling expenses, and for the parent or guardian to send to "*The Treasurer, U. S. Military Academy,*" a sum sufficient for his necessary expenses until he is admitted, and for his first outfit of uniform.

The expenses of the candidate for board, washing, lights, &c., after he has reported and prior to admission, will be about \$5 per week, and immediately after being admitted to the Institution he must be provided with an outfit of uniform, the cost of which will be about \$90. If, upon arrival, he has the necessary sum to his credit on the books of the Treasurer, he will start with many advantages in a pecuniary point of view, over those whose means are more limited, and who must, if they arrive, unprovided in this way, go in debt on the credit of their pay—a burden from which it requires many months to free themselves; while, if any accident compel them to leave the Academy, they must of necessity be in a destitute condition.

ASSIGNMENT TO CORPS AFTER GRADUATION.

When a Cadet shall receive a regular degree from the Academic Board, after going through the classes, he is considered as among the candidates for a commission in the Corps of Engineers, the Ordnance Department, the Artillery, Cavalry, or Infantry, according to the duties he may be judged competent to perform.

The attention of applicants and candidates is called to the following provisions of section 3, act of Congress approved June 11, 1873 [vol. 20, U. S. Stat., p. 111]:

That from and after *July first, eighteen hundred and eighty-two*, only such number of the graduates of the United States Military Academy in any one year shall be entitled to appointment as second lieutenants in the Army as are required to fill vacancies of that grade existing on the first day of July in each year; those entitled to appointment to said vacancies to be determined by the Academic Board on the basis of their standing in the graduating class. And hereafter no supernumerary officers shall be attached to any company or corps of the Army, and all graduates of the Military Academy who are not appointed to the Army under the provisions of this act shall be discharged upon the graduation of their class.

GENERAL QUALIFICATIONS.

A sound body and constitution, suitable preparation, good natural capacity, an aptitude for study, industrious habits; perseverance, an obedient and orderly disposition, and a correct moral deportment are such essential qualifications that candidates, knowingly deficient in any of these respects, should not, as many do, subject themselves and their friends to the chances of future mortification and disappointment by accepting appointments at the Academy and entering upon a career which they cannot successfully pursue.

Headquarters U. S. Military Academy,

West Point, N. Y., June 30, 1885.

BY ORDER OF COLONEL MERRITT :

Edw. S. Hoyle

*1st Lieut. and Adjutant 2d Artillery,
Adjutant.*