

# OFFICIAL REGISTER

OF THE

# Officers and Cadets

OF THE

U. S. MILITARY ACADEMY,

West Point, N. Y.

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JUNE, 1894.

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U. S. M. A. PRESS



AND BINDERY.

# BOARD OF VISITORS,

JUNE, 1894.

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*Appointed by the President of the United States.*

1. Rev. ALEXANDER MACKAY-SMITH.....WASHINGTON, D. C.
2. Hon. GEORGE H. CRAIG.....SELMA, ALA.
3. Dr. WILLIAM W. KEEN.....PHILADELPHIA, PENN.
4. Hon. JOHN D. CRIMMINS.....NEW YORK, N. Y.
5. Colonel THOMAS F. EDMANDS.....BOSTON, MASS.
6. Mr. JOHN J. DAVIS.....CLARKSBURG, W. VA.
7. Hon. EDWARD C. WALL (Secretary).....MILWAUKEE, WIS.

*Appointed by the President of the Senate.*

8. Hon. WILLIAM B. BATE (President).....NASHVILLE, TENN.
9. Hon. REDFIELD PROCTOR.....PROCTOR, VT.

*Appointed by the Speaker of the House of Representatives.*

10. Hon. JOHN C. BLACK.....CHICAGO, ILL.
11. Hon. WILLIAM H. HATCH.....HANNIBAL, MO.
12. Hon. NEWTON M. CURTIS (Vice-President).....OGDENSBURG, N. Y.

UNITED STATES MILITARY ACADEMY,  
WEST POINT, NEW YORK.

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**Superintendent.**

Colonel O. H. ERNST,  
Major, Corps of Engineers.

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**Military Staff.**

1st Lieutenant JOHN M. CARSON, JR., 5th Cavalry, *Adjutant of the Military Academy, Post Adjutant, and Recruiting Officer.*

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

Captain WILLIAM H. MILLER, Assistant Quartermaster, U. S. A., *Quartermaster of the Military Academy, Post Quartermaster, and Disbursing Officer.*

1st Lieutenant BARRINGTON K. WEST, 6th Cavalry, *Post Commissary of Subsistence, and Post Treasurer; in charge of Post Exchange.*

1st Lieutenant WILLIAM WEIGEL, 11th Infantry, *Assistant to Post Quartermaster, and Officer of Police.*

Major PHILIP F. HARVEY, Surgeon, U. S. A., *Post Surgeon.*

1st Lieutenant FREDERICK P. REYNOLDS, Assistant Surgeon, U. S. A.

## 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.

<b>Peter S. Michie,</b>	<b>Professor.</b> (14 Feb., 1871.)
†1st Lieutenant FRANK S. HARLOW, 1st Artillery,	} <i>Assistant Professor.</i>
1st Lieutenant SAMUEL E. ALLEN, 5th Artillery,	
1st Lieutenant LUCIEN G. BERRY, 4th Artillery,	} <i>Instructors.</i>
1st Lieutenant SAMUEL D. FREEMAN, 10th Cavalry,	
	} <i>In Charge of Observatory and Astronomical Observations.</i>

### DEPARTMENT OF DRAWING.

<b>Charles W. Larned,</b>	<b>Professor.</b> (25 July, 1876.)
1st Lieutenant GEORGE H. CAMERON, 4th Cavalry,	} <i>Assistant Professor.</i>
1st Lieutenant AUSTIN H. BROWN, 4th Infantry,	
‡1st Lieutenant CECIL STEWART, 4th Cavalry,	} <i>Instructors.</i>

### DEPARTMENT OF MATHEMATICS.

<b>Edgar W. Bass,</b>	<b>Professor.</b> (17 April, 1878.)
*WRIGHT P. EDGERTON,	<i>Associate Professor.</i> (1 July, 1893.)
1st Lieutenant GEORGE F. BARNEY, 2d Artillery,	} <i>Assistant Professor.</i>
1st Lieutenant EDMUND D. SMITH, 19th Infantry,	
1st Lieutenant ROBERT L. HIRST, 11th Infantry,	} <i>Instructors.</i>
1st Lieutenant DANIEL B. DEVORE, 23d Infantry,	
1st Lieutenant JOHN D. BARRETTE, 3d Artillery,	
†1st Lieutenant FRANK MCINTYRE, 19th Infantry,	
2d Lieutenant CHARLES D. PALMER, 4th Artillery,	
2d Lieutenant JOHN S. WINN, 2d Cavalry,	

\*Associate Professor with the rank of Captain.

†To be relieved from duty at the Military Academy, August 13, 1894.

‡To be relieved from duty at the Military Academy, September 1, 1894.

## DEPARTMENT OF CHEMISTRY, MINERALOGY AND GEOLOGY.

<b>Samuel E. Tillman,</b>	<i>Professor.</i>	(21 Dec., 1880.)
*1st Lieutenant JOHN P. WISSER, 1st Artillery,	} <i>Assistant Professor.</i>	
*1st Lieutenant HARRY FREELAND, 3d Infantry,		
1st Lieutenant RICHMOND P. DAVIS, 2d Artillery,		} <i>Instructors.</i>
1st Lieutenant EDGAR RUSSEL, 5th Artillery,		

## DEPARTMENT OF HISTORY, GEOGRAPHY AND ETHICS.

<b>William M. Postlethwaite,</b> Chaplain,	<i>Professor.</i>	(21 Dec., 1881.)
†1st Lieutenant DANIEL H. BOUGHTON, 3d Cavalry,	} <i>Assistant Professor.</i>	
1st Lieutenant JAMES A. COLE, 6th Cavalry,		} <i>Instructor.</i>

## DEPARTMENT OF CIVIL AND MILITARY ENGINEERING.

<b>James Mercur,</b>	<i>Professor.</i>	(29 Sept., 1884.)
‡1st Lieutenant JOSEPH E. KUHN, Corps of Engineers,	} <i>Assistant Professor.</i>	
1st Lieutenant HENRY C. NEWCOMER, Corps of Engineers,		} <i>Instructors.</i>
1st Lieutenant THOMAS H. REES, Corps of Engineers,		

## DEPARTMENT OF LAW.

<b>John W. Clous,</b> Lient. Col. and Deputy Judge Advocate General, U. S. A.,	<i>Professor.</i>	(28 Aug., 1890.) (By assignment under act 6 June, 1874.)
†1st Lieutenant DANIEL H. BOUGHTON, 3d Cavalry,	} <i>Instructors.</i>	
1st Lieutenant JAMES A. COLE, 6th Cavalry,		

## DEPARTMENT OF TACTICS.

<b>Lieut. Col. Samuel M. Mills,</b> Captain 5th Artillery,	<i>Commandant of Cadets and Instructor of Tactics.</i>	(1 Sep., '92.)
*Captain LOUIS A. CRAIG, 6th Cavalry,	} <i>Senior Assistant Instructor of Cav- alry Tactics.</i>	
1st Lieutenant ALEXANDER B. DYER, 4th Artillery,		} <i>Senior Assistant Instructor of Artil- lery Tactics.</i>
1st Lieutenant SAMUEL W. DUNNING, 16th Infantry,	} <i>Senior Assistant Instructor of In- fantry Tactics. Command'g Band and Detachment of Field Music.</i>	

\*To be relieved from duty at the Military Academy, August 13, 1894.

†To be relieved from duty at the Military Academy, August 28, 1894.

‡To be relieved from duty at the Military Academy, August 1, 1894.

## DEPARTMENT OF TACTICS (Continued).

1st Lieutenant WILDS P. RICHARDSON, 8th Infantry,	}	<i>Assistant Instructor of Tactics. Com- manding Company of Cadets.</i>
1st Lieutenant WILLIAM H. ALLAIRE, 23d Infantry,		
1st Lieutenant WILLARD A. HOLBROOK, 7th Cavalry,	}	<i>Assistant Instructor of Tactics. Com- manding Company of Cadets.</i>
*1st Lieutenant T. BENTLEY MOTT, 1st Artillery,		
2d Lieutenant MATTHEW C. BUTLER, Jr., 5th Cavalry,	}	<i>Assistant Instructor of Cavalry Tac- tics.</i>

## DEPARTMENT OF MODERN LANGUAGES.

<b>Edward E. Wood,</b>		<b>Professor.</b>	(1 Oct., 1892.)
1st Lieutenant CORNÉLIS DEW. WILLCOX, 2d Artillery,	}	<i>Assistant Professor of the Spanish Language.</i>	
1st Lieutenant ARTHUR F. CURTIS, 2d Artillery,			
1st Lieutenant WILLIAM S. BIDDLE, Jr., 14th Infantry,	}	<i>Assistant Professor of the French Language.</i>	
1st Lieutenant ARTHUR THAYER, 3d Cavalry,			
1st Lieutenant BENJAMIN A. POORE, 6th Infantry,	}	<i>Instructors.</i>	
1st Lieutenant PETER E. TRAUB, 1st Cavalry,			
2d Lieutenant MARCUS D. CRONIN, 20th Infantry,			

## DEPARTMENT OF PRACTICAL MILITARY ENGINEERING.

<b>Captain James L. Lusk,</b> Corps of Engineers,	}	<b>Instructor.</b>	(31 March, 1893.)
1st Lieutenant MASON M. PATRICK, Corps of Engineers,			
2d Lieutenant CHARLES S. BROMWELL, Corps of Engineers,	}	<i>Assistant Instructors.</i>	

## DEPARTMENT OF ORDNANCE AND GUNNERY.

<b>Captain Lawrence L. Bruff,</b> Ordnance Department,	}	<b>Instructor.</b>	(17 Aug., 1891.)
1st Lieutenant EDWIN B. BABBITT, Ordnance Department,			
†1st Lieutenant JOHN C. W. BROOKS, 4th Artillery,	}	<i>Assistant Instructors.</i>	

**Herman J. Koehler,**  
**Arthur A. Clappé,**

**Master of the Sword.**  
**Teacher of Music.**

\*To be relieved from duty at the Military Academy, August 31, 1894.  
†To be relieved from duty at the Military Academy, August 28, 1894.

## Battalion Organization.

JUNE 1, 1894.

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.

"A."

"B."

"C."

"D."

### CAPTAINS.

W. H. MITCHELL,<sup>1</sup> J. W. JOYES,<sup>3</sup> J. M. WILLIAMS,<sup>4</sup> J. C. GILMORE, JR.<sup>2</sup>

### LIEUTENANTS.

T. G. CARSON, *Adjutant.*

C. W. CASTLE, *Quartermaster.*

W. B. LADUE,<sup>1</sup> J. F. PRESTON, JR.<sup>4</sup> W. J. BARDEN,<sup>2</sup> C. C. WILLIAMS,<sup>3</sup>  
 H. S. HAWKINS,<sup>5</sup> G. VIDMER,<sup>6</sup> B. AMES,<sup>7</sup> B. H. WELLS,<sup>8</sup>  
 F. L. PARKER,<sup>9</sup> H. D. WISE,<sup>11</sup> G. H. ESTES, JR.<sup>10</sup> S. HOF.<sup>12</sup>

M. F. SMITH, *Sergeant Major.*

T. W. DARRAH, *Quartermaster Sergeant.*

### 1st SERGEANTS.

H. E. SMITH,<sup>1</sup> M. O. BIGELOW,<sup>2</sup> T. L. AMES.<sup>4</sup> J. A. GURNEY.<sup>3</sup>

### SERGEANTS.

L. M. NUTTMAN,<sup>2</sup> H. H. STOUT,<sup>1</sup> A. S. FLEMING,<sup>4</sup> J. BUGGE, JR.<sup>3</sup>  
 C. H. PAINE,<sup>10</sup> F. B. WATSON,<sup>8</sup> F. P. SIVITER,<sup>5</sup> F. W. SMITH,<sup>6</sup>  
 H. BURGESS,<sup>11</sup> H. O. PENICK,<sup>13</sup> H. A. WHITE,<sup>7</sup> G. B. PRITCHARD, JR.<sup>14</sup>  
 J. S. PARKER,<sup>12</sup> J. S. HERRON,<sup>16</sup> J. L. KNOWLTON,<sup>9</sup> C. E. HAWKINS.<sup>15</sup>

### CORPORALS.

J. W. HINKLEY, JR.<sup>1</sup> G. T. SUMMERLIN,<sup>3</sup> H. Y. GRUBBS,<sup>4</sup> E. L. KING,<sup>2</sup>  
 A. G. LOTT,<sup>6</sup> R. J. BURT,<sup>7</sup> G. M. HOFFMAN,<sup>9</sup> F. W. LEWIS,<sup>5</sup>  
 E. R. HEIBERG,<sup>12</sup> G. H. SHELTON,<sup>10</sup> F. H. WHITMAN,<sup>11</sup> A. M. MILLER, JR.<sup>8</sup>  
 W. D. CHITTY,<sup>14</sup> S. M. KOCHERSPERGER,<sup>15</sup> W. H. TSCHAPPAT,<sup>13</sup> C. H. MCNEIL,<sup>16</sup>  
 H. F. JACKSON,<sup>20</sup> L. STACY,<sup>18</sup> C. E. RUSSELL,<sup>19</sup> R. E. CALLAN.<sup>17</sup>

The figures indicate relative rank.

## 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.

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*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, 1894.

## FIRST CLASS—57 MEMBERS—GRADUATED JUNE 12, 1894.

Order of general merit.	Names.	Where born.	Appointed from	Date of Admission.	Age at date of Admission.		Order of merit in									
					Years.	Mos.	Civil & Military Engineering.									
							Law.	History.	Spanish.	Ordnance & Gunnery.	Practical Mty Engineering.	Discipline.	Demerit for the 2 years ending May 31, 1894.			
*1	Ladue, William B....	Mich.	Oreg.	June 17, 1890	21	6	1	2	5	4	1	1		16	80	
*2	Barden, William J....	Conn.	Conn.	June 17, 1890	19	9	2	3	1	3	2	13	17	83		
*3	Pence, William P....	Ind.	Ind.	Sept. 1, 1890	20	10	4	7	8	11	7	8	15	70		
*4	Williams, Clarence C.	Ga.	Ga.	June 17, 1890	20	7	5	5	4	10	4	16	41	196		
*5	Williams, James M....	Ala.	Ala.	June 17, 1890	17	2	10	1	2	2	10	31	1	9		
6	Joyes, John W.....	N. Y.	Cal.	June 17, 1890	20	2	6	14	22	1	5	7	20	109		
7	O'Hern, Edward P....	N. Y.	N. Y.	June 17, 1890	18	3	3	4	3	9	3	17	10	59		
8	Hof, Samuel.....	Wis.	Wis.	June 17, 1890	19	7	7	6	9	8	6	28	5	38		
9	Lang, Clarence E....	Ohio.	Ohio.	June 17, 1890	18	11	13	15	12	16	13	20	38	186		
10	Castle, Charles W....	Minn.	Minn.	June 17, 1890	17	9	9	27	31	15	12	2	6	43		
11	Mitchell, Warren H..	Minn.	Pa.	June 17, 1890	18	7	12	8	20	24	15	22	36	175		
12	Parker, Francis Le J..	S. C.	S. C.	June 24, 1890	17	0	16	9	6	5	8	42	7	46		
13	Hamilton, George F..	Me.	Me.	June 17, 1890	20	0	11	12	28	21	9	4	12	63		
14	Aultman, Dwight E..	Pa.	Pa.	June 17, 1890	18	4	21	23	13	12	17	3	33	152		
15	Paine, William H....	Conn.	Conn.	June 17, 1890	20	1	8	11	10	14	22	41	2	24		
16	Hamilton, Alston....	N. C.	Va.	June 17, 1890	18	7	23	25	27	20	14	19	39	187		
17	Malone, Paul B.....	N. Y.	N. Y.	June 17, 1890	18	1	22	21	16	26	26	6	25	120		
18	Craig, John W.....	Ala.	Ala.	July 22, 1890	17	0	18	10	14	39	16	12	37	185		
19	Gilmore, John C., Jr.	N. M.	N. Y.	June 17, 1890	20	10	27	30	19	34	21	15	3	29		
20	Gardner, Rogers F....	N. Y.	Mass.	June 17, 1890	21	9	17	22	34	36	30	43	31	144		
21	Preston, John F., Jr.	Md.	Md.	June 17, 1890	17	7	28	26	43	29	18	11	18	96		
22	Berkeley, Hugh D....	Va.	Miss.	*June 15, 1889	17	11	14	18	25	37	20	47	34	156		
23	Saxton, Albert E....	Cal.	Nev.	June 17, 1890	18	6	15	17	21	28	28	45	21	112		
24	Hawkins, Hamilton S.	Dak.	Del.	June 17, 1890	17	8	31	38	35	43	40	10	46	260		
25	Ames, Butler.....	Mass.	Mass.	*June 15, 1889	17	9	24	51	41	35	29	27	28	129		
26	Lawton, Frederick G..	Miss.	Miss.	*June 15, 1889	17	5	26	19	36	19	11	29	14	67		
27	Crain, Charles F.....	Ill.	Ill.	June 17, 1890	17	10	29	16	17	7	34	36	40	189		
28	Cocheu, Frank S....	N. Y.	N. Y.	*Sept. 1, 1889	17	9	30	36	38	42	19	24	14	67		
29	Hunt, Ora E.....	Cal.	Cal.	*Sept. 1, 1889	17	2	32	41	39	23	35	25	9	55		
30	Parker, Frank.....	S. C.	S. C.	June 17, 1890	17	8	40	43	33	6	45	37	47	277		
31	McArthur, John C....	Minn.	S. D.	June 17, 1890	20	9	19	24	24	25	23	5	32	145		
32	Carson, Thomas G....	Ill.	Ill.	June 17, 1890	18	11	39	37	47	31	32	39	24	118		
33	Ely, Frank D.....	Ill.	Ill.	June 17, 1890	21	3	25	28	23	38	27	35	19	101		
34	Sater, William A....	Ohio.	Kan.	June 17, 1890	19	10	20	20	7	33	25	33	4	30		
35	Bell, Edwin.....	D. C.	N. Y.	*June 15, 1889	19	3	38	32	11	54	42	26	37	185		

a Absent with leave (sick) during Annual Examination, June, 1890, and not examined; joined then Fourth Class, June 17, 1890.

b Turned back to join then Fourth Class, January 26, 1891—S. O. No. 21, A. G. O., January 26, 1891.

c Turned back to join then Fourth Class, June 18, 1890—S. O. No. 142, A. G. O., June 18, 1890.

FIRST CLASS—57 MEMBERS—GRADUATED JUNE 12, 1894.

Order of general merit.	Names.	Where born.	Appointed from	Date of Admission.	Age at date of Admission.		Order of merit in							
					Years.	Mos.	Civil & Military Engineering.							
							Law.	History.	Spanish.	Ordnance & Gunnery.	Practical Navy Engineering.	Discipline.	Demerit for the 2 years ending May 31, 1894.	
36	Rosenbaum, Otho B..	Va.	Va.	Sept. 1, 1890	19	0	34	42	42	30	31	18	21	112
37	Estes, George H., Jr..	Ala.	Ga.	June 17, 1890	17	4	33	40	30	45	36	30	26	121
38	Hidmer, George.....	Ala.	Ala.	<sup>a</sup> June 15, 1889	17	9	41	50	52	32	46	14	27	128
39	Kilburn, Dana W....	Pa.	Ill.	<sup>b</sup> June 17, 1890	18	3	43	33	26	17	41	40	23	116
40	Edwards, Oliver, Jr...	Mass.	Mass.	June 17, 1890	18	6	36	29	15	18	33	34	42	197
41	Connell, Thomas W..	N. Y.	N. Y.	<sup>c</sup> Sept. 1, 1889	17	7	44	13	18	13	44	54	44	227
42	Battle, John S.....	N. C.	N. C.	<sup>d</sup> June 15, 1889	17	3	47	35	48	22	24	51	30	141
43	Bent, Charles L.....	Mass.	Mass.	June 17, 1890	19	3	51	48	49	41	38	38	45	237
44	Welsh, William E....	Pa.	Pa.	June 17, 1890	17	6	37	34	46	51	37	46	35	173
45	Stritzinger, Fred. G., Jr	Pa.	Pa.	June 17, 1890	20	3	48	46	44	52	47	9	11	60
46	Smith, Charles C.....	Ohio.	N. Y.	June 17, 1890	18	4	35	44	37	27	43	23	42	197
47	Wells, Frank L.....	Ind.	Ind.	June 17, 1890	21	7	42	47	40	44	48	48	48	278
48	Wells, Briant H.....	Utah.	Utah.	June 17, 1890	18	6	46	45	32	49	53	50	13	64
49	Barker, John W.....	N. Y.	N. Y.	June 17, 1890	17	5	49	54	51	50	49	32	43	203
50	Stogsdall, Ralph R...	Ind.	Ind.	June 17, 1890	20	11	45	49	45	40	52	53	49	283
51	Harbeson, James P...	Ky.	Ky.	June 17, 1890	19	5	50	31	55	48	39	21	48	278
52	Wise, Hugh D.....	Va.	At large.	<sup>c</sup> Sept. 1, 1889	17	10	53	52	53	46	50	44	22	115
53	Whitworth, Pegram..	La.	La.	<sup>d</sup> June 15, 1889	17	10	52	53	54	53	51	49	8	47
54	Moss, James A.....	La.	La.	June 17, 1890	18	1	54	39	50	47	54	52	29	130
e	Averill, Nathan K....	Mich.	Mich.	June 17, 1890	17	7	.....	.....	.....	.....	.....	.....	.....	233
f	Bash, Louis H.....	Ill.	Ill.	<sup>d</sup> June 15, 1889	17	3	.....	.....	.....	.....	.....	.....	.....	241
f	Conrad, Casper H., Jr.	Ohio.	S. D.	June 17, 1890	17	8	.....	.....	.....	.....	.....	.....	.....	74

a Turned back to join then Fourth Class, January 26, 1891—S. O. No. 21, A. G. O., January 26, 1891.  
 b Admitted June 15, 1889; discharged January 17, 1890, for deficiency in Mathematics.  
 c Absent with leave during Annual Examination, June, 1891, and not examined, joined then Third Class, June 15, 1891.  
 d Turned back to join then Fourth Class, June 18, 1890—S. O. No. 142, A. G. O., June 18, 1890.  
 e Discharged January 19, 1894, S. O. No. 14, A. G. O., January 17, 1894; reapointed February 3, 1894, and granted leave of absence without pay until June 15, 1894, S. O. No. 29, A. G. O., February 3, 1894; joined new First Class June 15, 1894.  
 f Suspended from October 2, 1893, until August 28, 1894—G. C. M. O. No. 103, A. G. O., September 26, 1893.

## SECOND CLASS—54 MEMBERS.

Order of general merit.	Names.	Where born.	Appointed from.	Date of Admission.	Age at date of Admission.		Order of merit in					
					Years.	Mos.	Natural and Experimental Philosophy, Chemistry, Physics, Mineralogy and Geology.	Drill Regulations.	Drawing.	Discipline.	Demerit for the year ending May 31, 1894.	
*1	Schulz, Edward H. . . . .	W. Va.	W. Va.	June 17, 1891	18	4	2	2	6	3	3	13
*2	Burgess, Harry. . . . .	Miss.	Miss.	June 17, 1891	19	3	1	1	2	18	7	22
*3	Gurney, John A. . . . .	Mich.	Mich.	June 17, 1891	19	7	3	3	8	12	21	51
*4	Ames, Thales L. . . . .	Wis.	Wis.	June 17, 1891	21	8	4	6	16	11	1	11
*5	Bugge, Jens, Jr. . . . .	Wis.	Minn.	June 17, 1891	20	8	6	8	8	7	7	18
6	Stout, Harry H. . . . .	Ariz.	Pa.	June 17, 1891	18	6	6	7	14	17	30	73
7	Smith, Harry E. . . . .	Me.	Minn.	June 17, 1891	21	7	5	4	13	39	36	99
8	White, Herbert A. . . . .	Iowa.	Iowa.	June 17, 1891	20	10	14	10	9	23	20	50
9	Paine, Charles H. . . . .	Vt.	Md.	June 17, 1891	20	2	9	19	40	1	13	35
10	Knowlton, Joseph L. . . . .	Ill.	Ill.	June 17, 1891	18	10	11	12	27	29	31	75
11	McGrew, Milton L. . . . .	D. C.	N. J.	June 17, 1891	17	8	16	5	37	14	32	81
12	Wheeler, Joseph, Jr. . . . .	Ala.	Ala.	June 17, 1891	19	2	7	20	5	50	34	87
13	Darrah, Thomas W. . . . .	Kan.	Kan.	June 17, 1891	17	11	18	11	21	25	37	103
14	Miles, Perry L. . . . .	Ohio.	Ohio.	June 17, 1891	17	8	29	9	18	26	4	14
15	Sills, William G. . . . .	Ala.	N. C.	June 17, 1891	19	3	10	22	17	30	40	116
16	Payne, Brooke. . . . .	Va.	Va.	June 17, 1891	19	1	12	18	28	4	43	146
17	Bigelow, Mortimer O. . . . .	Mich.	Mich.	June 17, 1891	20	7	13	17	32	42	27	58
18	Cavanaugh, Harry La T. . . . .	Utah.	Okla.	June 17, 1891	19	5	15	24	4	20	35	93
19	Fleming, Adrian S. . . . .	Ky.	Ky.	June 17, 1891	18	6	19	23	23	9	22	52
20	Nissen, August C. . . . .	Ohio.	Ohio.	June 17, 1891	18	9	17	33	22	13	14	36
21	Arnold, Conway H., Jr. . . . .	N. Y.	N. Y.	June 17, 1891	19	9	27	13	20	22	39	114
22	Hawkins, Clyde E. . . . .	Pa.	Pa.	June 17, 1891	21	7	21	26	19	32	18	43
23	Hutton, Franklin S. . . . .	N. Y.	N. Y.	June 17, 1891	20	4	20	28	34	43	10	29
24	Brookes, Albert S. . . . .	Ark.	Ark.	June 17, 1891	20	10	24	16	42	53	17	42
25	Davis, Glenn H. . . . .	Ohio.	Ohio.	June 17, 1891	21	6	33	14	15	45	23	54
26	Parker, James S. . . . .	D. C.	At Large.	June 17, 1891	17	5	23	25	31	52	26	57
27	McBroom, Walter S. . . . .	Ind.	Ind.	June 17, 1891	20	10	31	15	48	46	8	23
28	Mitchell, Americus. . . . .	Ala.	Ala.	*June 17, 1890	19	5	26	29	46	37	19	46
29	Howland, Charles R. . . . .	Ohio.	Ohio.	June 17, 1891	20	4	25	31	39	31	32	81
30	Smith, Morton F. . . . .	Col.	Mich.	June 17, 1891	18	10	28	41	3	35	33	84
31	Siviter, Francis P. . . . .	Pa.	Pa.	June 17, 1891	18	3	36	36	12	10	2	12
32	Richardson, Lorrain T. . . . .	Wis.	Wis.	<sup>b</sup> June 17, 1890	19	0	32	30	29	33	33	84
33	Herron, Joseph S. . . . .	Ohio.	Ohio.	June 17, 1891	21	10	34	40	24	2	28	60
34	Smith, Fine W. . . . .	Ky.	Ky.	June 17, 1891	21	9	22	48	36	44	16	40
35	Nuttman, Louis M. . . . .	N. J.	N. J.	June 17, 1891	17	4	38	35	26	21	15	37

<sup>a</sup> Turned back to join then Fourth Class, June 11, 1892—S. O. No. 137, A. G. O., June 11, 1892.

<sup>b</sup> Absent with leave (sick) from November 13, 1890, until May 1, 1891, and not examined; turned back to join the next Fourth Class, by authority of the Secretary of War of May 15, 1891.

SECOND CLASS—54 MEMBERS.

Order of general merit.	Names.	Where born.	Appointed from	Date of Admission.	Age at date of Admission.		Order of merit in								
					Years.	Mos.	Natural and Experimental Philosophy.			Chemistry, Chemical Physics, Mineralogy and Geology.		Drill Regulations.	Drawing.	Discipline.	Demerit for the year ending May 31, 1894.
							Philosophy.	Chemistry.	Physics.	Mineralogy.	Geology.				
36	Dixon, Henry B. . . . .	Iowa.	Iowa.	June 17, 1891	19	5	46	32	25	6	6	21			
37	Dwyer, Thomas F. . . . .	Ireland.	N. Y.	June 17, 1891	17	2	39	34	30	24	29	71			
38	Pritchard, George B., Jr. . . . .	Ga.	Ga.	June 17, 1891	17	7	35	39	1	48	28	60			
39	Springer, Anton, Jr. . . . .	France.	N. Y.	June 17, 1891	20	4	42	37	45	15	9	27			
40	Hammatt, William C. . . . .	Me.	Me.	June 17, 1891	18	3	40	27	52	5	47	174			
41	Watson, Frank B. . . . .	Va.	N. J.	June 17, 1891	21	4	41	43	11	47	11	30			
42	Lewis, Louis H. . . . .	N. Y.	N. Y.	<sup>a</sup> June 17, 1890	18	4	44	42	41	8	24	55			
43	Augustin, Joseph N., Jr. . . . .	La.	La.	June 17, 1891	17	3	30	44	33	34	44	151			
44	Stanley, David S. . . . .	Dak.	At Large.	<sup>a</sup> June 17, 1890	17	9	37	45	10	49	41	119			
45	Simmons, Benjamin T. . . . .	N. C.	N. C.	<sup>b</sup> June 17, 1890	18	9	43	38	38	38	46	154			
46	Sturtevant, Girard . . . . .	N. Y.	N. Y.	June 17, 1891	18	5	47	52	35	27	26	57			
47	Creden, Samuel G. . . . .	Mass.	Mass.	<sup>a</sup> June 17, 1890	18	0	48	46	43	16	43	146			
48	Charles, Oscar J. . . . .	Ill.	Ill.	June 17, 1891	18	3	49	49	53	28	18	43			
49	Pearce, Thomas A. . . . .	N. C.	Texas.	June 17, 1891	21	0	45	53	51	40	25	56			
50	Duncan, Daniel . . . . .	Ky.	Ky.	June 17, 1891	17	5	50	51	49	36	45	153			
†	Langdon, Russell C. . . . .	N. Y.	N. Y.	June 17, 1891	18	11	Def	50	44	19	12	32			
†	Penick, Harry O. . . . .	Iowa.	Iowa.	<sup>c</sup> June 15, 1889	19	8	Def	47	50	41	42	124			
†	Vincent, James I. . . . .	Mich.	Mich.	June 17, 1891	20	6	Def	21	47	51	38	104			
d	Bolles, Frank C. . . . .	Ill.	Mo.	June 17, 1891	19	8	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	93			

<sup>a</sup> Turned back to join then Fourth Class, June 11, 1892—S. O. No. 137, A. G. O., June 11, 1892.  
<sup>b</sup> Turned back to join then Fourth Class, January 14, 1892—S. O. No. 11, A. G. O., January 14, 1892.  
<sup>c</sup> Absent with leave (sick) during Annual Examination, June, 1890, and not examined; joined then Fourth Class, June 17, 1890. Absent with leave (sick) during Annual Examination, June, 1891, and not examined; joined then Fourth Class, June 15, 1891.  
<sup>d</sup> Discharged January 19, 1894, S. O. No. 14, A. G. O., January 17, 1894; reappointed February 17, 1894, and granted leave of absence, without pay, until June 15, 1894; joined new Second Class, June 15, 1894.

THIRD CLASS—75 MEMBERS.

Order of general merit.	Names.	Where born.	Appointed from	Date of Admission.	Age at date of Admission.		Order of merit in				Demerit for the year ending May 31, 1894.
					Years.	Mos.	Mathematics.	French.	Drawing.	Discipline.	
*1	Stuart, Edwin R. . . . .	W. Va.	W. Va.	June 15, 1892	17	10	5	2	4	8	38
*2	Hoffman, George M. . . . .	Pa.	Pa.	June 15, 1892	22	0	1	15	1	18	57
*3	Callan, Robert E. . . . .	Md.	Tenn.	June 15, 1892	18	3	3	10	6	45	112
*4	Tschappat, William H. . . . .	Ohio.	Ohio.	June 15, 1892	17	10	2	8	45	28	75
*5	Jackson, Harry F. . . . .	Mo.	Mo.	June 15, 1892	21	5	10	26	14	7	37
6	McClure, Samuel V. . . . .	Pa.	Pa.	June 18, 1892	17	4	14	19	29	29	76
7	Guignard, William S. . . . .	S. C.	S. C.	June 15, 1892	19	8	4	4	43	62	191
8	Kirkpatrick, Newton D. . . . .	Va.	Va.	June 15, 1892	19	3	16	22	38	11	41
9	Jervey, Eugene P., Jr. . . . .	S. C.	S. C.	June 15, 1892	19	8	27	3	5	52	132
10	Landon, Edwin. . . . .	Minn.	Mich.	June 18, 1892	18	4	11	20	30	56	153
11	Tracy, Joseph P. . . . .	D. C.	Pa.	June 15, 1892	18	8	12	51	17	10	40
12	Morrison, John, Jr. . . . .	Iowa.	Iowa.	<sup>a</sup> June 17, 1891	20	11	6	68	9	11	41
13	Miller, Alexander M., Jr. . . . .	N. Y.	Tenn.	June 15, 1892	17	9	28	9	28	35	84
14	England, Lloyd . . . . .	Ark.	Ark.	June 15, 1892	17	2	8	31	65	25	68
15	Stodter, Charles E. . . . .	Pa.	Ohio.	June 18, 1892	21	2	22	27	40	1	6
16	Hampton, Celwyn E. . . . .	Ohio.	Ohio.	<sup>b</sup> June 17, 1891	20	3	33	11	21	9	39
17	Purdy, Clarence N. . . . .	Ind.	Ind.	<sup>c</sup> June 17, 1891	19	8	25	25	20	15	52
18	Kessler, Percy M. . . . .	Ind.	Ind.	June 15, 1892	20	3	21	23	22	32	80
19	Stacy, Lucian. . . . .	Me.	Me.	June 15, 1892	21	9	17	21	48	26	69
20	Berry, Alga P. . . . .	Kan.	Kan.	June 15, 1892	19	11	9	35	53	44	111
21	Hinkley, James W., Jr. . . . .	N. Y.	N. Y.	June 15, 1892	18	9	29	29	8	24	67
22	Howard, Thomas F. . . . .	England.	Texas.	June 18, 1892	18	0	30	5	72	4	24
23	McNeil, Clarence H. . . . .	N. Y.	N. Y.	June 15, 1892	18	11	24	32	11	36	88
24	Eltinge, Le Roy. . . . .	N. Y.	N. Y.	<sup>d</sup> June 17, 1891	18	9	23	33	19	30	77
25	Drake, Charles B. . . . .	Pa.	Pa.	June 15, 1892	19	9	7	52	46	31	78
26	Kochersperger, Stephen M. . . . .	Pa.	Pa.	June 15, 1892	19	6	37	14	23	16	55
27	Christian, John B. . . . .	Mo.	Mo.	June 18, 1892	21	10	15	37	71	17	56
28	Russell, Charles E. . . . .	Texas.	Texas.	June 15, 1892	18	10	18	38	54	14	50
29	Heiberg, Elvin R. . . . .	Minn.	Wis.	June 15, 1892	19	2	42	30	7	3	16
30	Hood, Duncan N. . . . .	La.	La.	June 15, 1892	19	5	26	36	25	41	100
31	Reisinger, Paul . . . . .	Pa.	Pa.	<sup>e</sup> June 17, 1891	20	2	31	34	12	39	97
32	Hagood, Johnson, Jr. . . . .	S. C.	S. C.	June 15, 1892	19	0	19	44	24	46	115
33	Smith, Francis G. . . . .	Pa.	Pa.	June 15, 1892	17	11	36	13	36	55	149
34	Tupes, Herschel . . . . .	Ohio.	Mo.	June 15, 1892	18	1	13	67	39	47	118
35	Holbrook, Lucius R. . . . .	Wis.	Minn.	June 15, 1892	17	1	32	42	35	20	59
36	Grubbs, Haydon Y. . . . .	Ky.	Ky.	June 18, 1892	19	7	51	12	31	21	60
37	Wade, John P. . . . .	Ohio.	At Large.	June 15, 1892	20	0	20	60	32	42	101
38	Shelton, George H. . . . .	Conn.	Conn.	<sup>f</sup> Sept. 1, 1892	21	2	55	18	13	14	50

<sup>a</sup> Turned back to join then Fourth Class, June 11, 1892, S. O. No. 137, A. G. O., June 11, 1892.  
<sup>b</sup> Admitted June 17, 1890; discharged January 29, 1891, for deficiency in Mathematics; absent, with leave, during Annual Examination, June, 1893, and not examined; joined new Third Class, June 15, 1893.  
<sup>c</sup> Turned back to join then Third Class, Sept. 4, 1893—S. O. No. 203, Sept. 4, 1893.  
<sup>d</sup> Suspended from rank and pay as a Cadet from July 29, 1892, until January 9, 1893, S. O. No. 175, A. G. O., July 27, 1892, and joined then Fourth Class.  
<sup>e</sup> Absent with leave (sick) during Annual Examination, June, 1892, and not examined; joined new

THIRD CLASS—75 MEMBERS.

Order of general merit.	Names.	Where born.	Appointed from	Date of Admission.	Age at date of Admission.		Order of merit in			Demerit for the year ending May 31, 1894.	
					Years.	Mos.	Mathematics.	French.	Drawing.		Discipline.
39	Williard, Harry O.....	Ohio.	Mont.	June 15, 1892	20	9	46	1	67	23	66
40	Lewis, Frederick W.....	N. Y.	At large.	June 18, 1892	19	5	41	63	2	5	30
41	Brookfield, Robert M....	Pa.	Pa.	June 18, 1892	19	3	43	28	3	60	169
42	Saltzman, Charles McK..	Iowa.	Iowa.	June 15, 1892	20	8	49	39	33	2	8
43	Lott, Abraham G.....	Pa.	Kan.	June 15, 1892	21	0	38	50	42	12	44
44	Burnside, William A.....	Ohio.	Ohio.	June 15, 1892	19	5	35	65	16	34	83
45	Stewart, Merch B.....	Va.	N. Y.	June 24, 1892	17	0	50	17	41	53	133
46	Fergusson, Frank K.....	Tenn.	Tenn.	<sup>a</sup> June 18, 1892	18	4	39	64	15	32	80
47	Bell, Ola W.....	Mich.	Mich.	<sup>b</sup> June 17, 1891	20	1	34	53	70	34	83
48	Moses, George W.....	Ohio.	Ohio.	June 15, 1892	19	9	44	47	60	22	62
49	Kelly, William, Jr.....	Texas.	Texas.	<sup>c</sup> June 17, 1891	17	11	69	6	56	13	48
50	King, Edward L.....	Mass.	Mass.	June 15, 1892	18	6	56	45	52	6	33
51	Wansboro, Thomas A....	N. Y.	N. Y.	June 15, 1892	18	3	52	41	62	33	81
52	Whitehead, Henry C.....	Texas.	Texas.	June 15, 1892	19	3	40	58	37	59	159
53	Boyd, Charles T.....	Iowa.	Iowa.	June 15, 1892	21	8	66	43	10	23	66
54	Whitman, Frank H.....	Kan.	Kan.	June 15, 1892	22	0	72	7	64	19	58
55	Patterson, George T.....	Neb.	Neb.	June 15, 1892	20	3	62	24	34	58	157
56	Summerlin, George T....	La.	La.	June 15, 1892	19	6	60	46	47	13	48
57	Tebbetts, Harry H.....	N. H.	Mass.	June 18, 1892	17	8	54	40	69	40	99
58	Newell, Isaac.....	Ga.	Ga.	Sept. 1, 1892	19	10	45	62	55	43	106
59	Pickering, James N.....	Ohio.	Ark.	June 15, 1892	20	3	64	59	18	27	71
60	Burt, Reynolds J.....	Neb.	Ohio.	June 15, 1892	17	10	57	56	44	37	92
61	McIntyre, Thomas H. R..	Ala.	Tenn.	<sup>a</sup> June 17, 1891	21	8	53	49	59	49	123
62	Parsons, Lanning.....	Ohio.	Ohio.	June 15, 1892	21	2	67	48	50	8	38
63	Evans, Houston V.....	Mo.	Mo.	June 15, 1892	20	5	61	57	49	45	112
64	Hartshorne, Benj. M., Jr.	N. J.	N. J.	<sup>e</sup> June 18, 1892	18	11	47	71	61	51	125
65	Chitty, William D.....	Mo.	Mo.	June 15, 1892	21	1	63	69	27	50	124
66	Nolan, Dennis E.....	N. Y.	N. Y.	Sept. 1, 1892	20	4	59	55	66	48	121
67	Dallam, Samuel F.....	Pa.	Pa.	Sept. 1, 1892	17	11	65	61	58	34	83
68	Powers, Robert B.....	Ky.	Ky.	June 15, 1892	21	4	48	73	68	57	155
69	Goodale, George S.....	Ore.	Col.	June 15, 1892	21	2	71	72	26	26	69
70	Kerwin, Arthur R.....	N. Y.	N. Y.	June 15, 1892	21	8	58	66	51	61	180
71	Kennington, Alfred E....	Wyo.	Wash.	June 15, 1892	21	0	70	54	57	56	153
72	Orton, Edward P.....	Ark.	Ark.	June 15, 1892	18	9	68	74	63	54	146
†	Sample, Warren S.....	Tenn.	Ky.	<sup>f</sup> June 17, 1891	21	4	Def	16	Def	29	76
†	Stroud, Thomas M.....	Texas.	Texas.	June 15, 1892	19	4	Def	70	73	38	94
g	Applewhite, Hugh LaF..	Miss.	Miss.	June 15, 1892	17	10	.....	.....	.....	.....	37

<sup>a</sup> Admitted June 17, 1891; discharged January 16, 1892, for deficiency in Mathematics.  
<sup>b</sup> Absent with leave (sick) during Annual Examination, June, 1892, and not examined; joined new Fourth Class, June 15, 1892.  
<sup>c</sup> Turned back to join then Fourth Class, June 11, 1892—S. O. No. 137, A. G. O., June 11, 1892.  
<sup>d</sup> Absent with leave during Annual Examination, June, 1893, and not examined; joined new Third Class, June 15, 1893.  
<sup>e</sup> Admitted June 17, 1891; discharged January 16, 1892, for deficiency in English studies.  
<sup>f</sup> Absent with leave during Annual Examination, June, 1893, and not examined; joined new Third Class, June 15, 1893.

## FOURTH CLASS—104 MEMBERS.

<i>Order of general merit.</i>	<i>Names.</i>	<i>Where born.</i>	<i>Appointed from</i>	<i>Date of Admission.</i>	<i>Age at date of Admission.</i>		<i>Order of merit in</i>				<i>Demerit for the year ending May 31, 1894.</i>
					<i>Years.</i>	<i>Mos.</i>	<i>Mathematics.</i>	<i>English.</i>	<i>French.</i>	<i>Discipline.</i>	
*1	Connor, William D. . .	Wis.	Iowa.	June 21, 1893	19	4	1	3	3	4	11
*2	Cheney, Sherwood A. . .	Conn.	Conn.	June 15, 1893	19	10	6	12	1	9	16
*3	Oakes, John C. . . . .	N. Y.	N. Y.	June 15, 1893	21	8	3	7	5	12	23
*4	Moore, John K. . . . .	Ohio.	Ohio.	June 15, 1893	21	1	4	4	10	8	15
*5	Sarratt, Edwin O. . . . .	S. C.	S. C.	June 15, 1893	21	10	11	1	4	7	14
6	Morgan, Henry S. . . . .	Ga.	Ga.	June 21, 1893	18	8	2	5	14	9	16
7	Roberts, Charles D. . . .	Dak.	Wyo.	June 15, 1893	20	0	8	8	15	1	4
8	Gilbert, Charles B. . . . .	Cal.	N. M.	June 15, 1893	20	3	13	6	7	7	14
9	Ferguson, Harley B. . . .	N. C.	N. C.	June 15, 1893	17	10	10	10	16	17	32
10	Miller, Lawrence S. . . . .	Md.	Vt.	June 21, 1893	21	3	14	37	9	6	13
11	Pope, Francis H. . . . .	Kan.	At large	June 15, 1893	17	1	17	25	11	11	21
12	Bowley, Albert J. . . . .	Cal.	Cal.	June 15, 1893	17	7	12	31	18	11	21
13	Fiske, Harold B. . . . .	Ore.	Ore.	June 21, 1893	21	7	18	11	30	18	33
14	Wolf, Louis C. . . . .	Wis.	Wis.	June 21, 1893	20	5	19	2	22	30	56
15	Abernethy, Robert S. . . .	Texas.	Texas.	June 15, 1893	18	10	9	20	8	48	90
16	Hanna, Matthew E. . . . .	Ohio.	Ohio.	June 15, 1893	20	3	15	9	41	14	26
17	Murphy, Pierce A. . . . .	Wyo.	Wash.	June 21, 1893	20	1	5	18	26	40	72
18	Miller, Claude H. . . . .	Va.	Va.	June 15, 1893	17	4	34	13	19	14	26
19	Conley, Edgar T. . . . .	Md.	Md.	June 15, 1893	19	2	21	64	20	3	10
20	Buckey, Mervyn C. . . . .	Md.	D. C.	June 15, 1893	20	2	41	15	21	5	12
21	Valentine, William S. . . .	N. Y.	Texas.	June 15, 1893	21	0	37	26	6	27	46
22	Smither, Henry C. . . . .	Ind. T.	At large	June 15, 1893	19	11	20	35	40	16	29
23	Altstaetter, Fred'k W. . . .	Ohio.	Ohio.	June 21, 1893	17	6	7	32	55	22	40
24	Longan, Rufus E. . . . .	Mo.	Mo.	June 21, 1893	20	5	27	42	35	10	18
25	Munro, James N. . . . .	Minn.	Minn.	June 21, 1893	21	8	30	17	38	17	32
26	Moses, Andrew . . . . .	Texas.	Texas.	June 21, 1893	19	0	43	34	29	11	21
27	Baltzell, George F. . . . .	Fla.	Fla.	June 21, 1893	18	0	33	54	44	2	9
28	Roberts, Thomas A. . . . .	Ill.	Ill.	<sup>a</sup> July 7, 1892	20	3	35	55	2	45	83
29	Ashburn, Thomas Q. . . . .	Ohio.	Ohio.	<sup>b</sup> June 15, 1892	17	7	39	16	12	51	102
30	Johnston, Frederick E. . . .	Iowa.	Iowa.	June 15, 1893	18	4	23	45	52	23	41
31	McCoy, Frank R. . . . .	Pa.	Pa.	June 21, 1893	18	7	54	30	17	26	45
32	Arnold, Frederick T. . . . .	Iowa.	Iowa.	June 15, 1893	21	8	31	49	39	27	46
33	Roche, Edward A. . . . .	R. I.	R. I.	<sup>c</sup> June 18, 1892	19	1	36	55	23	32	59
34	Harper, Roy B. . . . .	Ill.	Ill.	June 21, 1893	18	10	22	76	56	9	16
35	Fiscus, William W., Jr. . . .	Pa.	Pa.	June 15, 1893	18	0	66	14	33	11	21

a Turned back to join then Fourth Class, January 17, 1894—S. O. No. 14, A. G. O., Jan. 17, 1894.

b Turned back to join new Fourth Class, June 27, 1893—S. O. No. 145, A. G. O., June 27, 1893.

c Absent with leave during Annual Examination, June, 1893, and not examined; joined new Fourth Class, June 15, 1893.

## FOURTH CLASS—104 MEMBERS.

Order of general merit.	Names.	Where born.	Appointed from	Date of Admission.	Age at date of Admission.		Order of merit in				
					Years.	Mos.	Mathematics.	English.	French.	Discipline.	Demerit for the year ending May 31, 1894.
36	Fassett, William M...	N. H.	N. H.	June 21, 1893	17	5	47	23	24	44	79
37	Remick, Frank C.....	La.	Mass.	<sup>a</sup> June 15, 1892	21	0	48	43	13	43	77
38	McCornack, Willard H.	Ill.	Ill.	<sup>b</sup> June 15, 1892	20	9	16	80	37	41	73
39	Day, Clarence R.....	Va.	Ky.	June 15, 1893	20	9	28	27	58	39	70
40	Conklin, Arthur S....	N. Y.	N. Y.	June 21, 1893	20	7	32	44	54	29	50
41	Carmichael, Roderick L	S. C.	S. C.	June 15, 1893	20	8	46	19	60	17	32
42	Wood, Earnest E.....	Cal.	Cal.	June 15, 1893	17	10	56	21	45	21	38
43	Newbill, Willard D....	Va.	Va.	June 21, 1893	18	10	38	60	46	24	43
44	Maginnis, Thomas F...	Minn.	Minn.	June 21, 1893	18	9	24	57	57	36	64
45	McDonough, Joseph M.	N. H.	N. H.	<sup>c</sup> June 15, 1892	18	10	29	51	34	53	112
46	Milliken, Seth M.....	Me.	Me.	June 15, 1893	18	6	65	41	31	20	37
47	Dichmann, Henry M....	Wis.	Wis.	June 21, 1893	17	3	51	38	50	28	47
48	Mitchell, George E....	Mich.	Mich.	June 21, 1893	17	6	44	24	53	42	75
49	Barlow, Warren S....	N. J.	N. Y.	June 15, 1893	19	1	60	28	28	45	83
50	Koehler, Benjamin M.	Ill.	Neb.	June 15, 1893	21	5	72	46	48	2	9
51	Williams, Jay E.....	Mo.	Neb.	June 21, 1893	21	6	57	47	49	26	45
52	Pearce, Earle D.....	Ga.	Ga.	June 15, 1893	17	2	67	48	36	26	45
53	Reed, William L.....	N. J.	N. Y.	June 21, 1893	18	8	78	22	43	18	33
54	Savage, Frank M.....	Ala.	Ala.	June 21, 1893	20	2	25	74	88	18	33
55	Raymond, John C.....	N. Y.	Pa.	June 21, 1893	20	11	42	63	66	25	44
56	Bridges, Charles H...	Ill.	Ill.	June 21, 1893	20	3	61	33	47	38	66
57	Bottoms, Sam F.....	Ky.	Texas.	June 21, 1893	17	7	49	36	65	37	65
58	Dorey, Halstead.....	Mo.	Mo.	June 21, 1893	19	4	59	39	75	13	24
59	Sirmyer, Edgar A....	Mich.	Mich.	June 21, 1893	17	6	62	52	25	50	96
60	Collins, Edgar T....	Pa.	Pa.	June 15, 1893	20	3	50	40	72	35	63
61	Hall, Chalmers G.....	N. C.	N. C.	<sup>d</sup> June 18, 1892	17	4	68	50	51	27	46
62	Abbot, Henry.....	Ill.	Ill.	June 21, 1893	17	5	45	65	79	27	46
63	Brady, James F.....	N. Y.	N. Y.	June 21, 1893	18	11	58	68	64	21	38
64	Overton, Winfield S., Jr.	N. Y.	N. Y.	June 21, 1893	18	4	55	56	61	38	66
65	Chiles, Seaborn G....	Fla.	Fla.	June 15, 1893	19	10	40	80	70	36	64
66	Helms, George W.....	Va.	Va.	June 15, 1893	17	7	73	61	59	15	27
67	Frissell, Thomas T....	Mo.	Mo.	June 15, 1893	21	0	26	67	78	56	120
68	Hughes, John H.....	N. Y.	N. Y.	June 21, 1893	17	4	63	62	81	20	37
69	McLeod, Hugh.....	Va.	Va.	June 21, 1893	19	11	71	78	42	44	79
70	Workizer, John G.....	Mo.	Mo.	June 21, 1893	18	6	64	97	32	55	115

<sup>a</sup> Absent with leave (sick) during Annual Examination, June, 1893, and not examined; joined new Fourth Class, June 15, 1893.

<sup>b</sup> Turned back to join Third Class, January 17, 1894—S. O. No. 14, A. G. O., January 17, 1894.

<sup>c</sup> Turned back to join new Fourth Class, June 27, 1893—S. O. No. 145, A. G. O., June 27, 1893.

<sup>d</sup> Absent with leave (sick) from December 21, 1892, until August 1, 1893; joined then Fourth Class, August 1, 1893.

## FOURTH CLASS—104 MEMBERS.

Order of general merit.	Names.	Where born.	Appointed from	Date of Admission.	Age at date of Admission.		Order of merit in				
					Years.	Mos.	Mathematics.	English.	French.	Discipline.	Demerit for the year ending May 31, 1894.
71	Cloke, Harold E. . . . .	N. J.	N. J.	June 21, 1893	20	1	69	71	73	34	62
72	Pearce, Fred A. . . . .	Ark.	Ark.	June 21, 1893	21	9	83	59	63	35	63
73	Bishop, Harry G. . . . .	Mich.	Ind.	June 15, 1893	18	7	53	87	83	42	75
74	Welch, Lyman M. . . . .	Cal.	Cal.	June 21, 1893	18	1	77	84	89	5	12
75	Drury, Ralph W. . . . .	Mass.	Mass.	June 21, 1893	19	3	70	81	69	41	73
76	Pinks, Frederick L. . . .	Pa.	Pa.	June 15, 1893	17	5	52	85	82	49	91
77	Humphrey, Chauncey B.	Kan.	Kan.	June 21, 1893	20	7	75	90	71	34	62
78	Cowell, Thomas R. . . . .	Pa.	Pa.	Sept. 1, 1893	19	10	84	82	74	59	36
79	Humphrey, Evan H. . . . .	Kan.	Neb.	Sept. 1, 1893	18	5	74	77	70	52	106
80	Woodyard, Jacob F. . . .	W. Va.	W. Va.	June 15, 1893	18	0	79	100	87	27	46
81	Loring, Chouteau. . . . .	Mo.	Cal.	<sup>a</sup> June 15, 1892	21	0	76	89	27	57	178
82	Doster, Chase. . . . .	Kan.	Kan.	June 21, 1893	20	6	80	94	76	48	90
83	Justice, James. . . . .	Texas.	Texas.	Sept. 1, 1893	17	5	82	83	84	46	84
84	Thomas, Elmer R. . . . .	N. Y.	N. Y.	<sup>b</sup> June 15, 1892	20	9	85	93	77	47	86
†	Bauder, Walter S. . . . .	Ohio.	Ohio.	June 21, 1893	21	3	81	92	Def	4	11
†	Bladel, William G. . . . .	Ark.	Cal.	June 21, 1893	17	11	Def	66	67	58	188
†	Coleman, Fred E. . . . .	Ill.	Ill.	June 15, 1893	18	8	Def	95	Def	13	24
†	Dougherty, Clarence A	Miss.	Miss.	Sept. 1, 1893	17	4	Def	75	Def	54	113
†	Fitch, William S. . . . .	Mo.	At large.	June 15, 1893	18	0	Def	88	Def	31	58
†	Heidt, James V. . . . .	Ga.	Ga.	<sup>c</sup> June 15, 1892	19	1	Def	69	68	6	13
†	Kern, William C. . . . .	Ind.	Ind.	June 21, 1893	17	9	Def	53	62	20	37
†	Marine, Madison. . . . .	Md.	Md.	June 21, 1893	19	9	Def	96	Def	24	43
†	Martin, Carl A. . . . .	Kan.	Kan.	June 15, 1893	20	9	Def	79	85	35	63
†	Mogel, Levi F. . . . .	Pa.	Pa.	June 21, 1893	19	9	Def	70	86	4	11
<i>d</i>	Darrrough, Morton E. . .	Ill.	Ill.	Sept. 1, 1893	19	5	.....	.....	.....	.....	0
<i>e</i>	Gibson, Easton R. . . . .	Mo.	Mo.	June 21, 1893	19	6	.....	.....	.....	.....	26
<i>d</i>	Hamilton, William W. . .	Ga.	Ga.	June 15, 1893	17	0	.....	.....	.....	.....	58
<i>d</i>	Hines, Arthur S. . . . .	Ky.	Ky.	June 15, 1893	20	5	.....	.....	.....	.....	15
<i>e</i>	Miller, Harry W. . . . .	Pa.	Pa.	June 15, 1893	18	6	.....	.....	.....	.....	21
<i>d</i>	Ward, Philip R. . . . .	N. Y.	N. Y.	June 15, 1893	18	11	.....	.....	.....	.....	35
<i>d</i>	Whitted, Thomas B., Jr.	N. C.	N. C.	Sept. 1, 1893	17	4	.....	.....	.....	.....	17
<i>e</i>	Wilson, Edward P. . . . .	Ala.	Ala.	June 21, 1893	21	1	.....	.....	.....	.....	26
<i>g</i>	Alcantara, Francisco. . .	Venezuela.	Venezuela.	Sept. 1, 1893	17	5	.....	.....	.....	.....	33-60
<i>h</i>	Guirola, Jorge A. . . . .	Salvador.	Salvador.	Sept. 1, 1893	19	3	.....	.....	.....	.....	43-77

*a* Turned back to join new Fourth Class, June 27, 1893—S. O. No. 145, A. G. O., June 27, 1893.

*b* Absent with leave (sick) during Annual Examination, June, 1893, and not examined; joined new Fourth Class, June 15, 1893.

*c* Absent with leave (sick) during Annual Examination, June, 1893, and not examined; joined new Fourth Class, June 15, 1893.

*d* Not examined. Absent with leave (sick) during Annual Examination, June, 1894.

*e* Not examined. Absent with leave, during Annual Examination, June, 1894.

*g* Receiving instruction under provisions of a Joint Resolution of Congress, app. Dec. 22, 1892.

*h* Receiving instruction under provisions of a Joint Resolution of Congress, app. Feb. 28, 1893.

## CADETS ADMITTED JULY AND SEPTEMBER, 1893.

Number.	Names.	Born in	Appointed from	Date of Admission.	Age at date of Admission.	
					Years.	Mos.
1	*Alcantara, Francisco.....	Venezuela.	Venezuela.	.. Sept. 1 ..	17	5
2	Cowell, Thomas Richard.....	Pa.	Pa.	.. Sept. 1 ..	19	10
3	Darrough, Morton Earl.....	Ill.	Ill.	.. Sept. 1 ..	19	5
4	Dougherty, Clarence Anderson.....	Miss.	Miss.	.. Sept. 1 ..	17	4
5	Foley, Lewis Hamilton.....	D. C.	N. Y.	.. Sept. 1 ..	18	3
6	†Guirola, Jorge Alberto.....	Salvador.	Salvador.	.. Sept. 1 ..	19	3
7	Humphrey, Evan Harris.....	Kan.	Neb.	.. Sept. 1 ..	18	5
8	Justice, James.....	Texas.	Texas.	.. Sept. 1 ..	17	5
9	Whitted, Thomas Byrd, Jr.....	N. C.	N. C.	.. Sept. 1 ..	17	4

\* Receiving instruction under the provisions of a Joint Resolution of Congress, Approved, December 22, 1892.

† Receiving instruction under the provisions of a Joint Resolution of Congress, Approved, February 28, 1893.

## CADETS ADMITTED JUNE, 1894.

<i>Number.</i>	<i>Names.</i>	<i>Where born.</i>	<i>Appointed from</i>	<i>Date of Admission.</i>	<i>Age at date of Admission.</i>	
					<i>Years.</i>	<i>Mos.</i>
1	Allison, Nathaniel.....	Mo.	Mo.	.. June 15 ..	18	1
2	Anderson, Henry Andrew.....	Wis.	Wis.	.. June 20 ..	19	0
3	Babcock, Conrad Stanton.....	Conn.	N. Y.	.. June 15 ..	18	4
4	Beaudry, Charles Shingleton .....	Ind.	Mass.	.. June 15 ..	18	4
5	Benchley, Edmund Nathaniel.....	Mass.	Mass.	.. June 15 ..	18	3
6	Bergen, Thomas Joseph.....	Wis.	Wis.	.. June 15 ..	20	4
7	Berry, Daniel Greenwood.....	Ill.	Ill.	.. June 15 ..	20	2
8	Boggs, Frank Cranstoun, Jr.....	N. J.	Pa.	.. June 15 ..	20	3
9	Bonner, Sherwood .....	Ala.	Ala.	.. June 26 ..	18	6
10	Bradford, James Heyward, Jr.....	La.	Ariz.	.. June 15 ..	20	3
11	Bricker, Edwin Dyson.....	Pa.	Pa.	.. June 15 ..	18	7
12	Brown, Earl Ivan.....	Ga.	Ga.	.. June 15 ..	19	8
13	Brown, Lytle.....	Tenn.	Tenn.	.. June 15 ..	21	7
14	Butner, Henry Wolf .....	N. C.	N. C.	.. June 20 ..	19	2
15	Butterly, Thomas Clinton .....	Nev.	Nev.	.. June 15 ..	20	11
16	Calvert, Robert Benard.....	Ind.	Ind.	.. June 15 ..	19	4
17	Carroll, Philip Henry.....	Wis.	Wis.	.. June 15 ..	21	1
18	Chambliss, Nathaniel Rives, Jr.....	Ala.	Ala.	.. June 15 ..	19	8
19	Churchman, Clarke.....	Pa.	Del.	.. June 15 ..	20	8
20	Cole, William Edward.....	Utah.	Utah.	.. June 15 ..	19	9
21	Conner, Fox.....	Miss.	Miss.	.. June 15 ..	19	7
22	Craig, Malin.....	Mo.	Pa.	.. June 20 ..	18	10
23	Crallé, G Maury.....	Va.	Va.	.. June 15 ..	21	4
24	Curran, Thomas Benjamin .....	Wis.	Wis.	.. June 20 ..	19	11
25	Dandy, George Brown, Jr.....	N. D.	At large.	.. June 20 ..	20	5
26	Davis, Robert Courtney.....	Pa.	Pa.	.. June 15 ..	17	8
27	Dougherty, Edmund Laurence.....	Pa.	N. Y.	.. June 15 ..	19	7
28	Doyle, Thomas Leander.....	Pa.	Pa.	.. June 15 ..	17	9
29	Durham, Cass Champlin.....	Ga.	Minn.	.. June 20 ..	17	11
30	Enochs, Berkeley.....	Ohio.	Ohio.	.. June 15 ..	17	7
31	Exton, Charles Wesley.....	N. J.	N. J.	.. June 15 ..	21	6
32	Fisher, Irving Adolph.....	N. Y.	N. Y.	.. June 20 ..	19	4
33	Foley, Lewis Hamilton.....	D. C.	N. Y.	.. June 15 ..	19	1
34	Fries, Amos Alfred .....	Wis.	Ore.	.. June 15 ..	21	3
35	Furiow, James Wadsworth.....	Ga.	Ga.	.. June 15 ..	21	10

## CADETS ADMITTED, JUNE, 1894.

<i>Number.</i>	<i>Names.</i>	<i>Where born.</i>	<i>Appointed from</i>	<i>Date of Admission.</i>	<i>Age at date of Admission.</i>	
					<i>Years.</i>	<i>Mos.</i>
36	Gohn, Joseph Franklin.....	Ill.	Ill.	.. June 15 ..	21	0
37	Gowen, James Bartholemew.....	N. Y.	N. Y.	.. June 15 ..	21	9
38	Granger, Ralph Stuart.....	Conn.	Conn	.. June 15 ..	19	3
39	Hancock, Gwynn Richard.....	Mo.	At large.	.. June 25 ..	18	5
40	Hanson, James .....	Sweden.	S. D.	.. June 15 ..	20	2
41	Harris, Henry Leavenworth, Jr. ...	N. Y.	N. J.	.. June 25 ..	18	10
42	Henry, Guy Vernor, Jr.....	Neb.	At large.	.. June 15 ..	19	5
43	Hoxie, Arthur Edmund.....	Mass.	Mass.	.. June 21 ..	18	10
44	Hunter, George Mason, Jr.....	R. I.	R. I.	.. June 30 ..	20	8
45	Ingram, Ralph Elliot .....	Mass.	Mass.	.. June 15 ..	19	0
46	Janda, Joseph Frank.....	Wis.	Wis.	.. June 15 ..	18	10
47	Jarrett, George Devereaux.....	Ga.	Ga.	.. June 15 ..	21	0
48	Johnson, Jacob Calvin ... ..	Ohio.	Mo.	.. June 15 ..	21	7
49	Jordan, Lambert Whitfield, Jr.....	S. C.	S. C.	.. June 15 ..	18	11
50	Kerr, Robert David.....	W. Va	W. Va	.. June 20 ..	18	0
51	Kerth, Monroe Crawford .....	Ill.	Ill.	.. June 15 ..	17	11
52	Klein, Edward Williams.....	Mich.	Mich.	.. June 20 ..	17	5
53	Lafferty, Herbert Adams.....	Kan.	Colo.	.. June 15 ..	18	3
54	Long, John Dudley .....	Ind.	Ind.	.. June 20 ..	17	9
55	Loomis, Frank Wells .....	Kan.	Conn.	.. June 20 ..	20	3
56	Lyle, David Edwin Wesley.....	Ohio.	Mich.	.. June 20 ..	21	7
57	Marshall, Fielding Lewis.....	Va.	Va.	.. June 20 ..	17	5
58	Martin, Edward Hugh .....	N. Y.	N. Y.	.. June 15 ..	19	11
59	Maxey, Robert Jayne .....	Miss.	Ark.	.. June 15 ..	21	1
60	McCloskey, Manus.....	Pa.	Pa.	.. June 15 ..	20	2
61	McNair, Frederick Park .....	N. Y.	N. Y.	.. June 15 ..	21	8
62	Meade, Francis Key.....	Va.	Va.	.. June 20 ..	17	1
63	Merrill, Thomas Emery .....	Ohio.	Ky.	.. June 15 ..	19	0
64	Merritt, Norman Allan.....	N. Y.	N. Y.	.. June 30 ..	17	11
65	Miller, Harvey Wolfarth.....	N. Y.	N. Y.	.. June 15 ..	18	11
66	Munton, Charles Harold.....	Mich.	Mich.	.. June 15 ..	17	5
67	Murphy, William Louis.....	Iowa.	Iowa.	.. June 20 ..	19	6
68	Nesbitt, William Franklin .....	Ohio.	Ohio.	.. June 15 ..	18	8
69	Newbold, Henry Lowe.....	Cal.	Md.	.. June 15 ..	17	11
70	Nicholls, Jesse Crook.....	Ala.	Ala.	.. June 15 ..	19	10

## CADETS ADMITTED JUNE, 1894.

<i>Number.</i>	<i>Names.</i>	<i>Where born.</i>	<i>Appointed from</i>	<i>Date of Admission.</i>	<i>Age at date of Admission.</i>	
					<i>Years.</i>	<i>Mos.</i>
71	Nugent, George Adolphus.....	Mich.	N. D.	.. June 15 ..	21	6
72	Nussbaum, Melvin.....	Ga.	Ga.	.. June 15 ..	17	8
73	Otwell, Curtis William.....	Ohio.	Kan.	.. June 20 ..	18	8
74	Ranlett, Charles Augustus.....	Mass.	Mass.	.. June 20 ..	19	6
75	Read, Alvan Chambliss .....	Tenn.	La.	.. June 15 ..	20	9
76	Reedy, Ira De Sankey.....	Ind.	Ind.	.. June 15 ..	20	4
77	Rees, John Christopher McGuire...	Mo.	Ala.	.. June 15 ..	20	3
78	Ridenour, Edgar.....	Ohio.	Ind.	.. June 20 ..	20	2
79	Robichon, Hector Arsene.....	Canada.	N. Y.	.. June 15 ..	17	11
80	Scales, Wallace Bryan .....	Texas.	Texas.	.. June 15 ..	18	6
81	Scott, Ernest Darius.....	Canada.	Neb.	.. June 15 ..	21	9
82	Smith, Clarke Stull.....	Ill.	Ill.	.. June 20 ..	17	5
83	Soulé, Beach Carter.....	Cal.	Cal.	.. June 15 ..	18	5
84	Spinks, Marcellus Garner .....	Miss.	Miss.	.. June 20 ..	20	0
85	Stealey, Henry Watterson.....	Ky.	Ind.	.. June 25 ..	18	9
86	Stephens, John Edmondson.....	Tenn.	Tenn.	.. June 15 ..	19	7
87	Stone, David Lamme.....	Miss.	Miss.	.. June 15 ..	17	10
88	Walter, Lee Warren.....	Ind.	Ind.	.. June 20 ..	19	11
89	Walton, Romulus Foster.....	Ala.	Ala.	.. June 15 ..	18	11
90	Wagh, John Richard .....	Neb.	Neb.	.. June 15 ..	18	5
91	Wheeler, David Porter.....	Ohio.	Ohio.	.. June 15 ..	17	11
92	Williams, Alexander Elliot .....	N. C.	N. C.	.. June 20 ..	19	3
93	Williams, Paul.....	Ill.	Ill.	.. June 15 ..	17	9
94	Wooten, William Preston.....	N. C.	N. C.	.. June 15 ..	21	4
95	Yates, Henry Jones, Jr.....	N. Y.	N. Y.	.. June 15 ..	19	1

GENERAL MERIT ROLL  
OF THE  
GRADUATING CLASS  
OF  
1894.

GENERAL MERIT ROLL OF THE GRADUATING CLASS OF 1894.

Class Rank.	Names.	MERIT IN													General Merit.	Recommended for promotion in—	
		Mathematics.	English.	French.	Nat'l and Expt'l Philosophy.	Chemistry, Chemical Physics, Mineralogy and Geology.	Drill Regulations.	Drawing.	Civil and Military Engineering.	History.	Spanish.	Law.	Ordnance and Gunnery.	Practical Military Engineering.			Discipline.
Maximum in each branch.		400.0	75.0	150.0	300.0	225.0	100.0	125.0	300.0	75.0	75.0	150.0	125.0	45.0	200.0	2345.0	
1	Ladue, William B. ....	397.9	75.0	150.0	300.0	225.0	98.8	122.2	300.0	71.3	72.1	148.2	125.0	45.0	175.2	2305.7	Engineers, Ordnance, Artillery, Cavalry or Infantry.
2	Barden, William J. ....	397.7	74.3	143.7	296.4	222.3	100.0	125.0	295.2	75.0	73.1	146.2	122.5	38.2	174.3	2284.9	
3	Pence, William P. ....	362.4	65.1	108.7	291.0	218.3	92.3	115.5	286.9	68.5	65.6	138.8	116.6	41.0	178.3	2149.0	Ordnance, Artillery, Cavalry or Infantry.
4	Williams, Clarence C. ....	374.7	68.7	104.0	280.3	211.5	95.9	111.7	286.9	72.2	66.5	143.3	118.1	36.5	139.2	2109.5	
5	Williams, James M. ....	363.0	70.8	148.4	280.4	174.3	97.1	72.2	262.6	74.1	74.1	150.0	111.0	28.0	197.2	2103.2	Ordnance, Artillery, Cavalry or Infantry.
6	Joyes, John W. ....	367.0	72.2	137.3	255.4	194.4	88.2	120.0	281.4	55.6	75.0	125.7	117.9	41.6	166.2	2097.9	
7	O'Hern, Edward P. ....	340.3	68.0	134.1	276.8	202.0	96.5	60.1	286.9	73.1	67.5	143.6	122.2	35.9	181.7	2088.7	Ordnance, Artillery, Cavalry or Infantry.
8	Hof, Samuel. ....	341.5	66.5	135.7	269.7	215.8	81.7	83.5	281.2	67.6	68.4	140.6	116.8	29.7	188.2	2086.9	
9	Lang, Clarence E. ....	388.3	69.4	142.1	255.4	200.9	78.8	88.5	251.2	64.8	60.8	125.3	106.2	34.2	142.3	2008.2	Ordnance, Artillery, Cavalry or Infantry.
10	Castle, Charles W. ....	374.7	60.9	92.9	257.1	168.7	98.2	112.3	262.6	47.2	61.8	97.9	106.6	44.4	186.7	1972.0	
11	Mitchell, Warren H. ....	340.5	73.6	116.7	264.3	198.0	90.0	88.7	257.0	57.4	53.3	136.9	102.8	33.1	145.7	1958.0	Ordnance, Artillery, Cavalry or Infantry.
12	Parker, Francis Le J. ....	290.5	72.9	146.8	246.4	190.1	95.3	77.2	238.5	70.4	71.2	133.5	114.4	21.8	185.7	1954.7	
13	Hamilton, George F. ....	315.3	51.1	110.3	264.2	179.6	97.6	97.6	260.8	50.0	56.1	128.3	112.6	43.3	180.5	1947.3	Ordnance, Artillery, Cavalry or Infantry.
14	Aultman, Dwight E. ....	304.3	59.5	124.6	216.1	214.3	94.1	117.8	218.1	63.9	64.6	108.1	101.5	43.9	152.9	1883.7	
15	Paine, William H. ....	244.6	46.1	129.4	255.4	206.3	87.0	57.6	275.7	66.7	62.7	132.8	88.8	22.3	192.6	1868.0	Ordnance, Artillery, Cavalry or Infantry.
16	Hamilton, Alston. ....	390.1	70.1	132.5	241.1	149.7	71.1	76.8	212.0	50.9	57.1	107.6	105.7	34.8	142.0	1841.5	
17	Malone, Paul B. ....	301.5	63.7	138.9	221.5	187.3	88.8	92.4	212.2	61.1	51.4	112.4	87.2	42.2	162.8	1823.4	Ordnance, Artillery, Cavalry or Infantry.
18	Craig, John W. ....	326.9	67.3	91.3	244.6	187.6	85.9	59.9	234.5	63.0	39.2	183.1	101.6	38.8	142.6	1816.3	
19	Gilmore, John C., Jr. ....	331.4	43.3	121.4	198.2	145.9	83.5	77.0	201.2	58.3	43.9	94.2	88.3	37.1	191.0	1715.2	Ordnance, Artillery, Cavalry or Infantry.
20	Gardner, Rogers F. ....	331.4	53.9	105.6	216.1	152.0	80.0	80.9	234.6	44.4	42.0	108.9	81.8	21.2	155.3	1708.1	
21	Preston, John F., Jr. ....	319.2	52.5	123.0	217.9	131.1	81.1	82.2	200.7	36.1	48.6	102.8	96.3	39.3	170.2	1701.0	Ordnance, Artillery, Cavalry or Infantry.
22	Berkeley, Hugh D. ....	290.3	29.2	94.4	233.9	179.9	77.6	81.3	242.0	52.8	41.0	116.6	90.9	18.9	151.6	1700.4	

23	Saxton, Albert E	253.5	33.5	115.1	180.4	182.1	94.7	79.9	240.3	56.5	49.5	118.2	85.1	20.1	165.3	1674.2
24	Hawkins, Hamilton S	367.2	49.6	78.6	235.7	140.6	82.9	112.7	197.0	43.5	35.4	82.2	65.6	39.9	119.4	1650.3
25	Ames, Butler	325.0	45.4	126.2	195.6	138.4	68.2	123.6	210.0	38.0	42.9	58.1	82.4	30.3	160.0	1644.1
26	Lawton, Frederick G	224.4	62.3	102.4	191.0	152.8	85.3	86.1	202.9	42.6	58.0	116.3	107.8	29.1	179.2	1640.2
27	Crain, Charles F	262.4	57.4	140.5	144.6	172.8	90.6	63.5	199.1	60.2	69.3	118.2	71.0	25.2	141.4	1616.2
28	Cocheu, Frank S	503.3	58.1	88.1	212.5	95.4	82.3	106.6	197.2	40.7	36.3	82.6	95.1	32.0	179.2	1609.4
29	Hunt, Ora E	270.4	53.2	131.0	176.8	126.8	73.5	88.7	195.3	39.8	54.2	75.1	68.6	31.4	182.9	1567.7
30	Parker, Frank	293.0	71.5	145.2	198.2	143.1	92.9	55.3	150.4	45.4	70.2	72.4	59.1	24.6	114.1	1535.4
31	McArthur, John C	212.2	47.5	65.9	176.7	143.6	79.4	72.7	229.1	53.7	52.4	107.7	88.5	42.7	155.0	1527.1
32	Carson, Thomas G	231.8	58.8	118.3	201.8	139.5	91.7	107.9	150.6	32.4	46.7	82.2	76.6	23.5	163.4	1525.2
33	Ely, Frank D	197.2	31.3	67.5	187.5	177.9	77.0	107.5	204.7	54.6	40.1	97.9	86.3	25.7	168.7	1523.9
34	Sater, William A	149.3	35.6	96.0	175.0	150.3	80.6	64.5	221.6	69.4	44.8	116.3	87.3	26.9	190.7	1508.3
35	Bell, Edwin	281.5	61.6	50.0	157.2	228.6	84.1	103.4	154.1	65.7	25.0	87.8	62.6	30.8	142.6	1435.0
36	Rosenbaum, Otho B	279.4	28.5	72.2	187.5	108.4	72.9	61.5	176.6	37.0	47.6	72.6	80.7	35.4	165.3	1425.6
37	Estes, George H., Jr	207.5	63.0	73.8	151.8	105.1	86.4	103.0	187.9	48.1	33.5	78.4	68.0	28.6	162.5	1397.6
38	Vidmer, George	272.7	44.7	127.8	157.1	77.6	91.2	87.7	148.4	27.8	45.8	59.8	57.9	37.6	160.3	1396.4
39	Kilburn, Dana W	179.4	42.6	111.9	176.7	134.1	76.4	64.1	143.1	51.9	59.9	87.0	63.9	22.9	164.0	1377.9
40	Edwards, Oliver, Jr	177.0	51.8	84.9	123.2	135.6	74.7	72.8	161.7	62.0	59.0	95.1	74.5	26.3	138.9	1397.5
41	CConnell, Thomas W	206.1	36.4	99.2	175.0	99.0	74.1	41.7	139.5	59.3	63.7	126.4	59.8	15.0	129.6	1324.8
42	Battle, John S	211.7	64.4	100.8	114.2	117.8	75.8	53.9	130.0	31.5	55.2	82.7	87.3	16.7	156.3	1298.3
43	Bent, Charles L	249.2	60.2	97.6	148.2	90.9	71.7	101.4	116.8	30.6	37.3	61.9	66.9	24.0	126.5	1283.2
44	Welsh, William E	202.1	32.0	62.7	194.7	111.3	87.6	46.0	159.8	33.3	27.8	84.9	67.9	19.5	146.4	1276.0
45	Stritzinger, Frederick G., Jr	163.9	25.0	54.8	101.8	161.7	93.5	116.2	127.9	35.2	26.9	65.9	50.0	40.5	181.4	1244.7
46	Smith, Charles C	194.6	30.6	77.0	105.4	100.2	89.4	81.5	161.9	41.7	50.5	68.8	61.4	32.5	138.9	1234.4
47	Wells, Frank L	219.4	46.8	89.7	153.6	138.9	70.5	43.9	146.7	38.9	34.4	64.6	49.5	18.4	113.8	1229.1
48	Wells, Briant H	178.4	48.9	69.0	166.1	91.2	68.8	53.6	131.8	46.3	29.7	67.2	45.4	17.2	180.2	1193.8
49	Barker, John W	192.0	41.9	57.9	116.1	123.0	78.2	102.1	124.4	23.7	28.8	53.0	49.2	27.4	137.1	1159.8
50	Stogsdall, Ralph R	219.7	44.0	70.6	137.5	85.6	67.0	92.7	133.5	34.3	38.2	61.7	46.1	15.5	112.2	1158.6
51	Harbeson, James P	200.9	32.7	81.7	135.7	97.8	72.3	53.5	122.4	25.0	30.7	87.9	65.9	33.7	113.8	1154.0
52	Wise, Hugh D	206.0	29.3	64.3	132.2	97.8	69.9	70.1	107.5	26.9	32.5	57.1	48.8	20.6	164.3	1127.3
53	Whitworth, Pegram	210.3	40.5	61.1	115.4	80.5	67.6	57.9	107.5	25.9	25.9	55.7	46.9	17.8	185.4	1098.4
54	Moss, James A	165.7	25.7	80.2	110.7	82.9	69.4	51.4	101.9	29.6	31.6	79.5	44.8	16.1	159.7	1049.2

Cavalry or  
Infantry.

*LIST OF DISTINGUISHED CADETS REPORTED AT  
THE ANNUAL EXAMINATION, 1894.*

Number.	Names.	Where born.	Appointed from	Science and Art in which each Cadet particularly excels.
<b>FIRST CLASS.</b>				
1	Ladue, William B.....	Mich.	Ore.	Civil and Military Engineering and Science of War, Law, History, Spanish, Ordnance and Gunnery, Practical Military Engineering, Natural and Experimental Philosophy, Chemistry, Chemical Physics, Mineralogy and Geology, Drill Regulations, Drawing, Mathematics, English and French.
2	Barden, William J.....	Conn.	Conn.	Civil and Military Engineering and Science of War, Law, History, Spanish, Ordnance and Gunnery, Natural and Experimental Philosophy, Chemistry, Chemical Physics, Mineralogy and Geology, Drill Regulations, Drawing, Mathematics, English and French.
3	Pence, William P.....	Ind.	Ind.	Civil and Military Engineering and Science of War, Law, History, Ordnance and Gunnery, Practical Military Engineering, Natural and Experimental Philosophy, Chemistry, Chemical Physics, Mineralogy and Geology, and Drawing.
4	Williams, Clarence C.....	Ga.	Ga.	Civil and Military Engineering and Science of War, Law, History, Ordnance and Gunnery, Natural and Experimental Philosophy, Chemistry, Chemical Physics, Mineralogy and Geology, Drill Regulations, and Mathematics.
5	Williams, James M.....	Ala.	Ala.	Law, History, Spanish, Natural and Experimental Philosophy, Drill Regulations, Mathematics, English, and French.

*LIST OF DISTINGUISHED CADETS REPORTED AT  
THE ANNUAL EXAMINATION, 1894.*

Number.	Names.	Where born.	Appointed from	Science and Art in which each Cadet particularly excels.
<b>SECOND CLASS.</b>				
1	Schulz, Edward H. ....	W. Va.	W. Va.	Natural and Experimental Philosophy, Chemistry, Chemical Physics, Mineralogy and Geology, Drill Regulations and Drawing.
2	Burgess, Harry. ....	Miss.	Miss.	Natural and Experimental Philosophy, Chemistry, Chemical Physics, Mineralogy and Geology and Drill Regulations.
3	Gurney, John A. ....	Mich.	Mich.	Natural and Experimental Philosophy, Chemistry, Chemical Physics, Mineralogy and Geology, and Drill Regulations.
4	Ames, Thales L. ....	Wis.	Wis.	Natural and Experimental Philosophy, and Chemistry, Chemical Physics, Mineralogy and Geology.
5	Bugge, Jens, Jr. ....	Wis.	Minn.	Natural and Experimental Philosophy, Chemistry, Chemical Physics, Mineralogy and Geology, Drill Regulations and Drawing.
<b>THIRD CLASS.</b>				
1	Stuart, Edwin R. ....	W. Va.	W. Va.	Mathematics, French and Drawing.
2	Hoffman, George M. ....	Pa.	Pa.	Mathematics and Drawing.
3	Callan, Robert E. ....	Md.	Tenn.	Mathematics and Drawing.
4	Tschappat, William H. ....	Ohio.	Ohio.	Mathematics and French.
5	Jackson, Harry F. ....	Mo.	Mo.	Mathematics.
<b>FOURTH CLASS.</b>				
1	Connor, William D. ....	Wis.	Iowa.	Mathematics, English and French.
2	Cheney, Sherwood A. ....	Conn.	Conn.	Mathematics and French.
3	Oakes, John C. ....	N. Y.	N. Y.	Mathematics, English and French.
4	Moore, John K. ....	Ohio.	Ohio.	Mathematics and English.
5	Sarratt, Edwin O. ....	S. C.	S. C.	English and French.

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 (7).

LeBlanc, James C.....	3d Class.....	November 20, 1893.
Seeley, Herbert B.....	3d Class.....	September 26, 1893.
Bartels, Henry J.....	4th Class.....	July 5, 1893.
Coleman, Cecil P.....	4th Class.....	February 10, 1894.
Davis, George E.....	4th Class.....	June 15, 1894.
Lawrance, Horatio I.....	4th Class.....	April 17, 1894.
Wright, Charles H.....	4th Class.....	February 10, 1894.

### Discharged (23).

*Averill, Nathan K.....	1st Class.....	January 19, 1894.
†Bolles, Frank C.....	2d Class.....	January 19, 1894.
Burges, James U.....	3d Class.....	January 19, 1894.
Hall, Dickinson P.....	3d Class.....	January 19, 1894.
Hatch, Frederick W.....	3d Class.....	January 19, 1894.
Hughes, Henry W.....	3d Class.....	January 19, 1894.
Hunt, John E.....	3d Class.....	January 19, 1894.
McMillan, Robert F.....	3d Class.....	January 19, 1894.
Stokes, Walter R.....	3d Class.....	January 19, 1894.
Whyte, William A.....	3d Class.....	January 19, 1894.
Work, John C.....	3d Class.....	January 19, 1894.
Bell, Thomas S.....	4th Class.....	January 19, 1894.
Brown, Howard McL.....	4th Class.....	January 19, 1894.
Cole, Harvey L.....	4th Class.....	January 19, 1894.
Fawcett, Irwin C.....	4th Class.....	January 19, 1894.
Foley, Lewis H.....	4th Class.....	January 19, 1894.
Freund, Jed B.....	4th Class.....	January 19, 1894.
Gillin, Daniel A.....	4th Class.....	January 19, 1894.
Hon, Christopher L.....	4th Class.....	September 30, 1893.
Hulick, Francis R.....	4th Class.....	July 12, 1893.
Pinney, Hurlbert H.....	4th Class.....	January 19, 1894.
Wood, David P.....	4th Class.....	January 19, 1894.
Young, John R.....	4th Class.....	January 19, 1894.

### Dismissed (1).

Rogers, Herbert S.....	3d Class.....	December 12, 1893.
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### Withdrawn (1).

Urtecho, José A., of Nicaragua.....	January 1, 1894.
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\*Reappointed, February 3, 1894.

†Reappointed, February 17, 1894.

## Battalion Organization.

JUNE 30, 1894.

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.

"A."

"B."

"C."

"D."

### CAPTAINS.

T. L. AMES,<sup>1</sup>

H. E. SMITH,<sup>3</sup>

C. E. HAWKINS,<sup>4</sup>

M. O. BIGELOW.<sup>2</sup>

### LIEUTENANTS.

M. F. SMITH, *Adjutant.*

J. A. GURNEY, *Quartermaster.*

H. A. WHITE,<sup>1</sup>

A. S. FLEMING,<sup>2</sup>

T. W. DARRAH,<sup>4</sup>

J. BUGGE, JR.<sup>3</sup>

C. H. PAINE,<sup>7</sup>

G. B. PRITCHARD, JR.<sup>6</sup>

F. P. SIVITER,<sup>5</sup>

H. H. STOUT.<sup>8</sup>

E. R. HEIBERG, *Sergeant-Major.*

H. Y. GRUBBS, *Quartermaster-Sergeant.*

### 1st SERGEANTS.

A. G. LOTT,<sup>1</sup>

G. T. SUMMERLIN,<sup>3</sup>

G. M. HOFFMAN,<sup>4</sup>

E. L. KING.<sup>2</sup>

### SERGEANTS.

A. M. MILLER, JR.<sup>6</sup>

S. M. KOCHERSPERGER,<sup>1</sup> L. STACY,<sup>3</sup>

R. E. CALLAN,<sup>2</sup>

G. H. SHELTON,<sup>10</sup>

I. NEWELL,<sup>4</sup>

H. F. JACKSON,<sup>8</sup>

D. N. HOOD,<sup>5</sup>

C. MCK. SALTZMAN,<sup>16</sup> C. E. RUSSELL,<sup>7</sup>

C. H. McNEIL,<sup>12</sup>

F. W. LEWIS,<sup>9</sup>

S. F. DALLAM,<sup>16</sup>

R. J. BURT,<sup>11</sup>

E. R. STUART,<sup>14</sup>

W. H. TSCHAPPAT.<sup>13</sup>

### LANCE CORPORALS.

H. C. SMITHER,<sup>1</sup>

F. H. POPE,<sup>3</sup>

W. S. VALENTINE,<sup>4</sup>

S. A. CHENEY,<sup>2</sup>

W. L. REED,<sup>8</sup>

W. D. CONNOR,<sup>6</sup>

J. K. MOORE,<sup>5</sup>

A. J. BOWLEY,<sup>7</sup>

R. E. LONGAN,<sup>15</sup>

C. B. GILBERT,<sup>10</sup>

J. C. OAKES,<sup>11</sup>

E. T. CONLEY,<sup>9</sup>

H. B. FISKE,<sup>17</sup>

M. E. HANNA,<sup>13</sup>

R. B. HARPER,<sup>12</sup>

H. DOREY,<sup>14</sup>

P. A. MURPHY,<sup>20</sup>

W. W. FISCUS, JR.<sup>19</sup>

J. C. RAYMOND,<sup>18</sup>

E. O. SARRATT.<sup>16</sup>

The figures indicate relative rank.

## 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. Ludlow's Elements of Trigonometry. Davies' Surveying. Church's Analytical Geometry. *Ludlow's Logarithmic Tables.
Modern Languages.	Williams' Composition and Rhetoric. Abbott's How to Write Clearly. Meiklejohn's English Language. *Smith's Synonyms Discriminated. *Roget's Thesaurus of English Words.   *Webster's Dictionary. De Peiffer's French Pronunciation. Keetels' Analytical and Practical French Grammar. Castarède's Treatise on the Conjugation of French Verbs. Roemer's Cours de Lecture et de Traduction, Vol. I. Bôcher's College Series of French Plays, Vol. II. *Spiers' and Surenne's French Pronouncing Dictionary.
History, Geography and Ethics.	Lectures in Ethics, and in Universal History.
Drill Regulations, U. S. Army.	Practical Instruction in the Schools of the Soldier, Company and Battalion—Infantry. Practical Instruction in the School of the Cannoneer—Siege and Light Artillery. *Blunt's Firing Regulations for Small Arms.
Use of the Sword, &c	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, Shades, Shadows and Perspective. Bass' Introduction to the Differential Calculus. Church's Calculus. Johnson's Treatise on the Method of Least Squares.
Modern Languages.	Keetels' Analytical and Practical French Grammar. Borel's Grammaire Française. Bôcher's College Series of French Plays. Roemer's Cours de Lecture et de Traduction. Vols. I and II. *Spiers' and Surenne's Dictionary.
Drawing.	Constructive Problems in Plane Geometry. Point Paths. 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. *Reed's Topographical Drawing and Sketching, including Photography Applied to Surveying.
Drill Regulations, U. S. Army.	Practical Instruction in the Schools of the Soldier, Company and Battalion—Infantry. Practical Instruction in the School of the Cannoneer—Light Artillery; and of the Trooper—Cavalry. Practical Instruction in Small Arms Target Practice. *Blunt's Firing Regulations for Small Arms.
Practical Military Engineering.	Practical Instruction in the Construction of Ponton, Spar and Trestle Bridges.

**THIRD YEAR.—SECOND CLASS.**

DEPARTMENT.	COURSE OF STUDY, TEXT-BOOKS, AND BOOKS OF REFERENCE.
Natural and Experimental Philosophy.	Michie's Analytical Mechanics. Michie and Harlow's Practical Astronomy. Young's General Astronomy. Michie's Elements of Wave-Motion relating to Sound and Light.
Chemistry, Mineralogy and Geology.	Bloxam's Chemistry (7th Edition). Tillman's Elementary Lessons in Heat (2d Edition). Tillman's Essential Principles of Chemistry. Tracy's Anatomy, Physiology and Hygiene. Thompson's Elementary Lessons in Electricity and Magnetism. Tillman's Elementary Text-Book of Mineralogy. LeConte's Elements of Geology (3d Edition).
Drawing.	Free Hand Drawing and Landscape in black and white. Mechanical and Architectural Drawing in ink and colors. Constructive Details; Ordnance Constructions. *Reed's Topographical Drawing and Sketching, including Photography Applied to Surveying.
Drill Regulations, U. S. Army.	United States Army Artillery Drill Regulations. Tidball's Manual of Heavy Artillery Service, U. S. A. United States Army Cavalry Drill Regulations. United States Army Infantry Drill Regulations. Practical Instruction in the Schools of the Soldier, Company and Battalion—Infantry. Practical Instruction in the School of the Cannoneer—Sea Coast Artillery; and in the Schools of the Trooper, Troop and Squadron—Cavalry.
Practical Military Engineering.	Practical Instruction in the Construction of Ponton Bridges; in laying Gun Platforms, and in the Construction of Revetments and Obstacles. 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. Mercur's Mahan's Permanent Fortification (Edition of 1887). Wheeler's Military Engineering (Siege Operations). Mercur's Military Mining. Mercur's Elements of the Art of War. Mahan's Stereotomy. *Royal Engineers, Aide-Mémoire, Parts I and II.
Modern Languages.	Knapp's Spanish Grammar, Knapp's Spanish Readings. *Seoane's Neuman and Baretti's Dictionary.
Law.	Davis's International Law. Cooley's General Principles of Constitutional Law in the United States. Winthrop's Abridgment of Military Law. General Orders No. 100, A. G. O., 1863.
History, Geography and Ethics.	Swinton's Outlines of the World's History. *Labberton's New Historical Atlas and General History.

**FOURTH YEAR.—FIRST CLASS (Continued).**

DEPARTMENT.	COURSE OF STUDY, TEXT BOOKS, AND BOOKS OF REFERENCE.
Practical Military Engineering.	Practical Instruction in the Construction of Ponton, Trestle and Spar Bridges; in the preparation and application of Siege Materials; and in laying out Field and Siege Works. Practical Instruction in Military Reconnaissances on foot and mounted; in Field Telegraphy, Night Signaling, and the use of the Heliograph. *Ernst's Manual of Practical Military Engineering.
Natural and Experimental Philosophy.	Practical Instruction in Astronomy.
Drill Regulations, U. S. Army.	Practical Instruction in the Schools of the Soldier, Company and Battalion—Infantry; of the Trooper, Troop and Squadron—Cavalry; and of the Battery—Artillery.
Ordnance and Gunnery.	Bruff's Gunpowder and Interior Ballistics. Metcalf's Ordnance and Gunnery. Ingall's System of Exterior Ballistics.

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

### APPOINTMENTS.

**How Made.**—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.

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

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

**Alternates.**—The Representative, or Delegate, in Congress may nominate a legally qualified second candidate, to be designated the *alternate*. The alternate will receive from the War Department a letter of appointment, and will be examined *with the regular appointee*, and if duly qualified will be admitted to the Academy in the event of the failure of the principal to pass the prescribed preliminary examinations. The alternate will not be allowed to defer his reporting at West Point until the result of the examination of the regular appointee is known, but must report at the time designated in his letter of appointment. The alternate, like the nominee, should be designated as nearly one year in advance of date of admission as possible.

### ADMISSION OF CADETS.

Candidates, upon receiving their conditional appointments, will be instructed to appear for mental and physical examination before a Board of Army Officers to be convened at the military post nearest their respective places of residence on the 1st day of March annually (except when that day comes on Sunday, in which case the examinations will commence on the following Tuesday). The candidates who pass successfully will be admitted to the Academy, without further examination, upon reporting in person to the Superintendent at West Point before 12 o'clock M. on the 15th day of June.

Candidates selected to fill the vacancies unprovided for at the examinations held in March, and those which may occur after that time, will be instructed to report at West Point, for examination early in June. The candidates who pass successfully this examination will be admitted, at once, to the Academy without returning to their homes.

Immediately after reporting to the Superintendent for admission, and before receiving his warrant of appointment, the candidate is required to sign an engagement for service in the following form, in the presence of the Superintendent, or of some officer deputed by him:

"I, \_\_\_\_\_, of the State (or Territory) of \_\_\_\_\_, aged \_\_\_\_\_ years \_\_\_\_\_ months, do hereby engage (with the consent of my parent or guardian) that, from the date of my admission as a Cadet of the United States Military Academy, I will serve in the Army of the United States for eight years, unless sooner discharged by competent authority."

In the presence of \_\_\_\_\_

The candidate is then required to take and subscribe an oath or affirmation in the following form :

"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 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, at ———, this ——— day of ———, eighteen hundred and ——— before me. ———

**Qualifications.**—The age for the admission of Cadets to the Academy is between seventeen 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.

## 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 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, deformity, &c., &c.
- 10.—An unusual excurvature or incurvature of the spine.

**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.

## 11.—Hernia.

12.—A varicose state of the veins of the scrotum or the spermatic cord (when large), hydrocele, hemorrhoids, fistulas.

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.

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

**Writing and Orthography.**—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. They must also be able to write and spell correctly from dictation, a certain number of standard test words.

**Arithmetic.**—In *Arithmetic*, they must be able—

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  $5\frac{1}{2} + \frac{7\frac{3}{4}}{0.5} - 0.725$   
 $\frac{4 + 3.45}{2\frac{1}{2}}$  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  $26\frac{1}{4}$ ,  $28\frac{3}{4}$ , and  $29\frac{1}{2}$ .

How many men would be required to cultivate a field of  $2\frac{3}{4}$  acres in  $5\frac{1}{2}$  days of 10 hours each, if each man completed 77 square yards in 9 hours?

Separate  $772\frac{3}{4}$  into three numbers, which shall be in the same proportion as  $2\frac{1}{2}$ ,  $\frac{7}{15}$ ,  $\frac{6}{15}$ . 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  $\frac{7}{8}$  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  $2\frac{1}{2}$  miles in 16 minutes and 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  $3\frac{3}{8}$  hours, B and C in  $5\frac{1}{2}$  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 part of alloy. What fraction of the U. S. dollar will contain the same amount of silver as 1 English shilling?

Give the rules 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.

**Geography.**—Candidates will be required to pass a satisfactory examination, written or 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, 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., &c.

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

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

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

LINCOLN.—War of the Rebellion; 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 relaxation of any kind can be made by the examiners.

**Military Instruction.**—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.

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.

Each Cadet must keep himself supplied with the following mentioned articles, viz.:

Two pairs of uniform shoes; \*one pair of overshoes (Aretic); \*six towels, face; \*two towels, bathing; one mattress; one pillow; \*two pillow-cases 36 in. by 45 in.; \*four sheets 10/4 by 6/4; \*two blankets (white); \*one comfortable or quilted bed cover; one wash bowl; \*one tumbler; \*one bottle of indelible ink; \*one clothes brush or whisk broom; \*one hair-brush; \*one tooth-brush; \*one nail-brush; \*one shaving-brush and mug; \*one shoe-brush; \*one razor; \*one razor-strop; \*two pairs of white suspenders; \*six white shirts; \*two night shirts; \*six summer under-shirts; \*six winter under-shirts; \*six pairs of summer drawers; \*six pairs of winter drawers; \*six pairs of summer socks; \*six pairs of winter socks; \*six pocket handkerchiefs; \*six pairs of cuffs; twelve white linen collars; six pairs of white Berlin gloves; two sets of white belts; one chair; \*one pen knife; one account book; \*one trunk.

Candidates are authorized to bring with them the articles marked \*; they are however informed that such articles can be purchased at regulated prices from the Cadet Quartermaster's Department at West Point, after their arrival.

Cadets are required to wear the prescribed uniform. All articles of their uniform are of a designated pattern, and are sold to Cadets at West Point at regulated prices.

### EXPENSES OF CANDIDATES PRIOR TO ADMISSION.

The expenses of a candidate for board, washing, lights, &c., after he has reported and prior to admission, will be about \$10. Immediately after being admitted to the Institution he must be provided with an outfit of uniform, the cost of which will be about \$90, making a total sum of \$100, which must be deposited with the Treasurer of the Academy before the candidate is admitted. 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 of the U. S. Military Academy*," the required deposit of \$100. Any deviation from the rule as to the amount or manner of making the deposit must be explained in writing, by the parent or guardian of the candidate, to the Superintendent of the Academy.

### ASSIGNMENT TO CORPS AFTER GRADUATION.

The attention of applicants and candidates is called to the following provisions of the Act of Congress approved May 17, 1886, to regulate the promotion of graduates of the United States Military Academy:

"That when any Cadet of the United States Military Academy has gone through all its classes and received a regular diploma from the Academic Staff, he may be promoted and commissioned as a second lieutenant in any arm or corps of the Army in which there may be a vacancy and the duties of which he may have been judged competent to perform; and in case there shall not at the time be a vacancy in such arm or corps, he may, at the discretion of the President, be promoted and commissioned in it as an additional second lieutenant, with the usual pay and allowances of a second lieutenant, until a vacancy shall happen."

### 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, 1894.*

BY ORDER OF COLONEL ERNST :

A handwritten signature in cursive script, reading "J. M. Carson, Jr." The signature is written in dark ink and is positioned above the typed name and rank.

1st Lieut. 5th Cavalry,

*Adjutant.*