

# **ESSENTIAL CIVIL WAR CURRICULUM**

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## **Union and Confederate Engineer Operations in the Civil War**

By Daniel F. O'Connell

### **Resources**

**If you can read only one book**

Ed Malles, ed.	<i>Bridge Building in Wartime: Colonel Wesley Brainerd's Memoir of the 50th New York Volunteer Engineers.</i> Knoxville: University of Tennessee Press, 1997.
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### **Books**

Mark Hoffman	<i>My Brave Mechanics: The First Michigan Engineers and their Civil War.</i> Detroit: Wayne State University Press, 2007.
Gilbert Thompson	<i>The Engineer Battalion in the Civil War.</i> Washington: Press of the Engineer School, 1910.
Dr. W. A. Neal	<i>An Illustrated History of the Missouri Engineer and the Twenty-fifth Infantry Regiments.</i> Chicago: Donahue & Henneberry, 1889.
Charles R. Sligh	<i>History of the Services of the First Regiment Michigan Engineers and Mechanics, During the Civil War 1861-1865.</i> Grand Rapids MI: N.p., 1921.
Dale E. Floyd, ed.	<i>"My Dear Friends at Home" – The Letters and Diary of Thomas J. Owens, 50th New York Engineers during the Civil War.</i> Washington: Government Printing Office, 1985.
Anita Palladino, ed.	<i>Diary of a Yankee Engineer: The Civil War Story of John H. Westervelt, Engineer, 1st New York Volunteer Engineer Corps.</i> New York: Fordham University Press, 1996.
Captain J. C. Duane	<i>Manual for Engineer Troops.</i> New York: D. Van

	Nostrand, 1863.
George Washington Cullum	<i>Systems of Military Bridges in use by the United States Army: Those Adopted by the Great European Powers (1863)</i> . New York: D. Van Nostrand, 1863.
Don Pedro Quarendo Reminisco	<i>Life in the Union Army or Notings and Reminiscences of a Two Year volunteer; A Rhythmical History of the Fifteenth NY Volunteer Engineers, Colonel John McLeod Murphy, During the Recent Two Years Campaign in and about Washington and in the State of Virginia</i> . New York: H. Dexter, Hamilton & Co., 1863.
Geoffrey L. Blankenmeyer	<i>The Pioneer Brigade</i> . Unpublished Essay. No date. Available at: <a href="http://www.thecivilwargroup.com/pioneer.html">http://www.thecivilwargroup.com/pioneer.html</a>
Steven E. Woodworth	Philip Shiman, "Engineering and Command: The Case of General William S. Rosecrans 1862-1863." Chap. 4. <i>The Art of Command in the Civil War</i> . Lincoln, NE: University of Nebraska Press, 1998.
Phillip M. Thienel	"Engineers in the Union Army 1861-1865." <i>Military Engineer</i> , 47 (1955, nos. 315-316).
Robert Hunter, ed.	Andrew Hickenlooper, "Our Volunteer Engineers." <i>Military Order of the Loyal Legion of the United States: Sketches of War History 1861-1865. Ohio Commandery</i> . Cincinnati: Robert Clarke & Co., 1890, pp.301-318.
Dr. Christopher R. Gabel	<i>Staff Ride Handbook for the Vicksburg Campaign, December 1862 – July 1863</i> . Fort Leavenworth, KS: Combat Studies Institute Press, 2001.
Curtis S. King, William G. Robertson, and Steven E. Clay	<i>Staff Ride Handbook for the Overland Campaign, Virginia, 4May to 15 June 1864: A Study in Operational Command</i> . Fort Leavenworth, KS: Combat Studies Institute Press, 2006.
Robert M. Puckett	<i>Engineer Operations during the Vicksburg Campaign</i> . Fort Leavenworth, KS: U.S. Army Command and General Staff College, Unpublished Master's Thesis, 1992.
James R. Weber	<i>Engineer Battlefield Functions at Chancellorsville</i> . Fort Leavenworth, KS: U.S. Army Command and General Staff College, Unpublished Master's Thesis, 1995.
Rick Reuss, Keith Rocco, and Rob Girardi	<i>First Michigan Engineers and Mechanics</i> . Unpublished essay. No date. Available at: <a href="http://www.1stmichiganengineers.com/cwhistory.html">http://www.1stmichiganengineers.com/cwhistory.html</a>
Thomas Speed, Alfred Pirtle,	<i>The Union Regiments of Kentucky</i> . Louisville:

Robert Morrow Kelly	Courier-Journal Job Printing Company, 1897, pp.688-691.
Gilbert Thompson	<i>Report of the Reunion of the U.S. Engineer Battalion at St. Louis, Mo. September 26-29, 1887.</i> Library of Congress Class E492. Book T47. United States: Nabu Press, 2010.
Kentucky Adjutant General's Office	<i>Report of the Adjutant General of the State of Kentucky, 1861-1866.</i> Frankfort: State Journal, 1866. Vol.1. p.493.
Michigan Adjutant General's Office	<i>Michigan in the War.</i> Lansing Michigan, W.S. George & Co., 1880. Many references to 1 <sup>st</sup> Michigan Engineers.
George Ward Nichols	<i>The story of the Great March: From the Diary of a Staff Officer.</i> New York: Harper & Brothers, 1865.
Paul Taylor	<i>Orlando M. Poe: Civil War General and Great Lakes engineer.</i> Kent, OH: Kent State University Press, 2009.
Wesley Brainerd	"The Pontoniers At Fredericksburg." Robert Underwood Johnson and Clarence Clough Buel, eds., <i>Battles and Leaders of the Civil War.</i> New York: The Century Company, 1887. Vol. III, p.121.
George G. Kundahl	<i>Confederate Engineer: Training and Campaigning with John Morris Wampler.</i> Knoxville: University of Tennessee Press, 2000.
Harry L. Jackson	<i>First Regiment Engineer Troop P.A.C.S.: Robert E. Lee's Combat Engineers.</i> Louisa, VA: R.A.E. Design and Publishing, 1998.
Thomas L. Connelly	<i>Army of the Heartland: The Army of Tennessee 1861-1862.</i> Baton Rouge: Louisiana State University Press, 1967.
Thomas L. Connelly	<i>Autumn of Glory: The Army of Tennessee 1862-1865.</i> Baton Rouge: Louisiana State University Press, 1967.
Earl J. Hess	<i>Field Armies and Fortifications in the Civil War: The Eastern Campaigns, 1861-1864.</i> Chapel Hill: University of North Carolina Press, 2005.
James L. Nichols	<i>Confederate Engineers.</i> Tuscaloosa, AL: Confederate Publishing Co., 1957.
Shaun Martin	"Confederate Engineers in the American Civil War." <i>Engineer: The Professional Bulletin for Army Engineers</i> , October 2000.

## Organizations

## Web Resources

URL	Name and description
<a href="http://dmna.state.ny.us/historic/">http://dmna.state.ny.us/historic/</a>	New York State Military Museum and Veterans Research Center. The mission of the museum and research center is to preserve, interpret and disseminate the story, history and records of New York State's military forces and veterans. Records of the New York Regiments of Engineers are available.
<a href="http://www.usace.army.mil/history/pages/home.aspx">http://www.usace.army.mil/history/pages/home.aspx</a>	US Army Corps of Engineer Headquarters. Research and museum collections are available to the public.
<a href="http://www.topogs.org/homepage.htm">http://www.topogs.org/homepage.htm</a>	U.S. Corps of Topographical Engineers. The website includes reference material on the history of the Corps.
<a href="http://www.history-buff.org/1ny.htm">http://www.history-buff.org/1ny.htm</a>	First New York Volunteer Engineer Regiment Association, Inc. The website includes documents and materials relating to the Regiment.
<a href="http://www.nycivilwar.us/15eng.html">http://www.nycivilwar.us/15eng.html</a>	15 <sup>th</sup> Regiment, New York Engineers. The website provides a brief history of the Regiment
<a href="http://www.1stmichiganengineers.com/">http://www.1stmichiganengineers.com/</a>	1 <sup>st</sup> Michigan Engineers and Mechanics. Company E is a group of re-enactors who study the history of the 1 <sup>st</sup> Michigan and participate in re-enactments as engineers.
<a href="http://www.michiganinthewar.org/engineers/1enga.htm">http://www.michiganinthewar.org/engineers/1enga.htm</a>	1 <sup>st</sup> Michigan Engineers and Mechanics. The website contains the complete roll of the Regiment.
<a href="http://home.usmo.com/~momollus/MOREG/E002.htm">http://home.usmo.com/~momollus/MOREG/E002.htm</a>	1 <sup>st</sup> Regiment of Missouri Engineers. The website contains a brief history of the regiment.
<a href="http://www.confederateengineers.org/">http://www.confederateengineers.org/</a>	Company B 3 <sup>rd</sup> Regiment Confederate Engineers. The website contains reference material on the Regiment.
<a href="http://www.1stconfederatebattalion.org/2nd_engineers.htm">http://www.1stconfederatebattalion.org/2nd_engineers.htm</a>	2 <sup>nd</sup> Confederate Engineer Regiment. The website contains reference material on the Regiment.

## Other Sources

Name	Description, Contact information including address, email
Library of Congress	William Franklin Patterson Papers. William Franklin Patterson was a civil engineer in Kentucky and captain and organizer of a company of independent infantry used by the Union Army as engineers during the Civil War and later transferred as a Pioneer Corps to Headquarters, 13th Army Corps. The collection contains correspondence, military records, sermons, writings, newspapers, and miscellaneous fragments and notes. The collection can be accessed at <a href="http://international.loc.gov/service/mss/eadxml/mss/eadpdfmss/2010/ms010135.pdf">http://international.loc.gov/service/mss/eadxml/mss/eadpdfmss/2010/ms010135.pdf</a>
Chemung County Historical Society	The Society has a collection of personal Letters and other material pertaining to the 50 <sup>th</sup> New York Engineers. It is located at 415 East Water Street Elmira New York. 607 734 4167

## Scholars

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