

**FIELD FORTIFICATIONS, ETC.: A
TEXT-BOOK FOR THE USE OF THE
CADETS OF THE UNITED STATES
MILITARY ACADEMY AT WEST
POINT, N.Y**

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Field fortifications, etc.: a text-book for the use of the cadets of the United States military academy at West Point, N.Y by J. B. Wheeler

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J. B. WHEELER

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FIELD FORTIFICATIONS, ETC.:

A TEXT-BOOK

FOR THE USE OF THE

CADETS OF THE UNITED STATES MILITARY ACADEMY

AT

WEST POINT, N. Y.

BY

J. B. WHEELER,

PROFESSOR OF CIVIL AND MILITARY ENGINEERING IN THE MILITARY ACADEMY
AT WEST POINT, N. Y., AND BREVET COLONEL, UNITED STATES ARMY.



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"There are five things from which the soldier must never be separated: his gun, his ammunition, his knapsack, his rations for four days, and an intrenching tool."

NAPOLKON.

P R E F A C E .

THIS text-book is prepared for the use of the cadets of the United States Military Academy while pursuing their course of studies in the subject of "military engineering."

The endeavor has been made to state concisely and plainly the principles upon which the "art of fortification" is based, and to give all information likely to be of practical use to a young officer while serving in the field. All unnecessary details have been avoided, leaving explanations and illustrations of that kind to be introduced into the class-room.

The elementary form of the work and the method of treatment of the subject are based upon the assumption that the readers of the book are beginners and know nothing of the principles of fortification.

WEST POINT, N. Y., *February*, 1880.



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