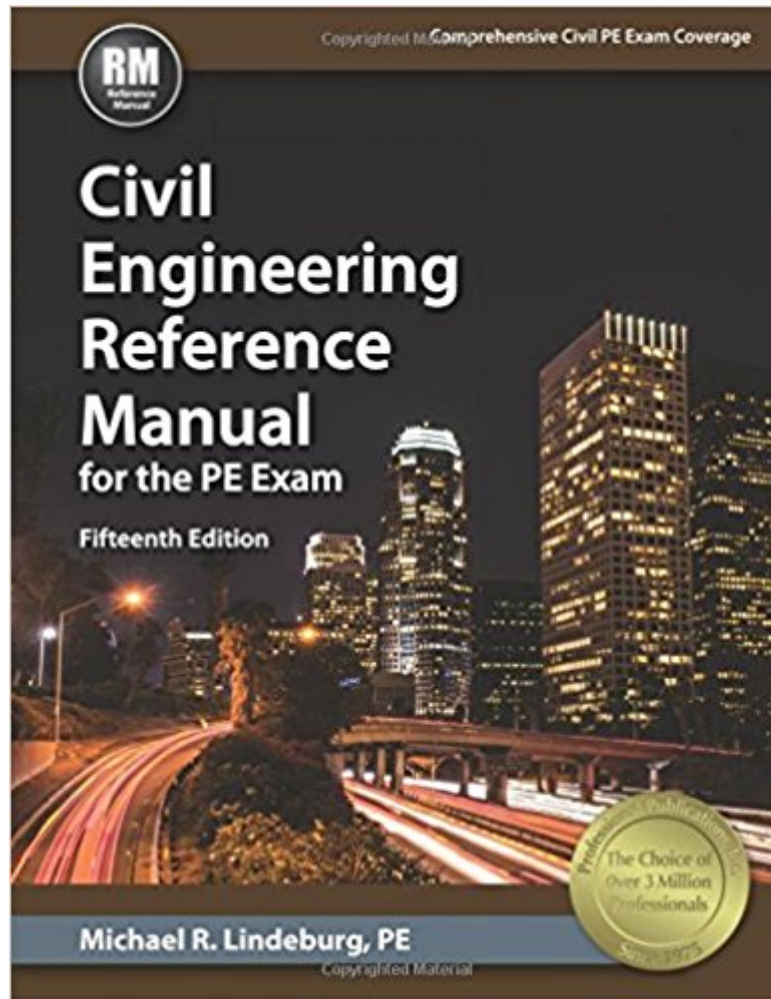


The book was found

Civil Engineering Reference Manual For The PE Exam, 15th Ed



Synopsis

Comprehensive Civil PE Exam Coverage The Civil Engineering Reference Manual is the most comprehensive textbook for the NCEES Civil PE exam. This book's time-tested organization and clear explanations start with the basics to help you quickly get up to speed with common civil engineering concepts. Together, the 90 chapters provide an in-depth review of all of the topics, codes, and standards listed in the NCEES Civil PE specifications. The extensive index contains thousands of entries, with multiple entries included for each topic, so you can find the topics referenced no matter how you search. This book features: over 100 appendices containing essential support material over 500 clarifying examples over 550 common civil engineering terms defined in an easy-to-use glossary thousands of equations, figures, and tables industry-standard terminology and nomenclature equal support of U.S. customary and SI units After you pass your exam, the Civil Engineering Reference Manual will continue to serve as an invaluable reference throughout your civil engineering career.

Exam Topics Covered

Civil Breadth: Project Planning; Means and Methods; Soil Mechanics; Structural Mechanics; Hydraulics and Hydrology; Geometrics; Materials; Site Development

Construction: Earthwork Construction and Layout; Estimating Quantities and Costs; Construction Operations and Methods; Scheduling; Material Quality Control and Production; Temporary Structures; Health and Safety

Geotechnical: Site Characterization; Soil Mechanics, Laboratory Testing, and Analysis; Field Materials Testing, Methods, and Safety; Earthquake Engineering and Dynamic Loads; Earth Structures; Groundwater and Seepage; Problematic Soil and Rock Conditions; Earth Retaining Structures; Shallow Foundations; Deep Foundations

Structural: Analysis of Structures; Design and Details of Structures; Codes and Construction

Transportation: Traffic Engineering; Horizontal Design; Vertical Design; Intersection Geometry; Roadside and Cross-Section Design; Signal Design; Traffic Control Design; Geotechnical and Pavement; Drainage; Alternatives Analysis

Water Resources and Environmental: Analysis and Design; Hydraulics "Closed Conduit; Hydraulics "Open Channel; Hydrology; Groundwater and Wells; Wastewater Collection and Treatment; Water Quality; Drinking Water Distribution and Treatment; Engineering Economic Analysis

Book Information

Hardcover: 1648 pages

Publisher: Professional Publications, Inc.; Fifteenth Edition, New edition (November 20, 2015)

Language: English

ISBN-10: 1591265088

ISBN-13: 978-1591265085

Product Dimensions: 8.5 x 2.8 x 11 inches

Shipping Weight: 7 pounds (View shipping rates and policies)

Average Customer Review: 4.5 out of 5 stars Â Â See all reviewsÂ (63 customer reviews)

Best Sellers Rank: #18,202 in Books (See Top 100 in Books) #1 inÂ Books > Engineering & Transportation > Engineering > Civil & Environmental > Earthwork Design #3 inÂ Books > Engineering & Transportation > Engineering > Civil & Environmental > Highway & Traffic #5 inÂ Books > Textbooks > Engineering > Civil Engineering

Customer Reviews

If you're reading these reviews undoubtedly you know what this is and why you need this for the Civil PE exam. That said, as far as I can tell this is pretty much the only comprehensive reference available for the exam so rather than talk more about the CERM itself I wanted to break down some things that helped me use the manual to study and pass the PE exam the first time: 1) Download and print out a copy of the index for the CERM from the PPI website, bind it separately, and use that to look stuff up while studying and taking the exam to avoid constantly flipping around in the manual between the index and the chapters. Saves lots of time and aggravation working from multiple places in the CERM. I learned this from people in my review class and never would've thought of this on my own which is why I wanted to share it here. 2) For the most used equations, write the constants and such in the margins next to the equations. Highlight the equations to make them pop from the columns of text in the book. This did a few things for me: familiarize me again with the equations and constants, help me remember how to use the equations, and also save me time looking for constants in the back or whatever. I did this the month before my review class started, helped me find what's in the manual too before I got into the heavy duty working of problems during my review class for hours on end. 3) Tab everything possible. The exam is all about speed (~5 min/question...) so make sure you can find what you need real fast. I used a combination of heavy duty tabs with paper inserts and the sticky flags. I color coded the tabs by topic and tabbed my manual as follows: tabs across the top for tables of data (e.g.

[Download to continue reading...](#)

Practice Problems for the Civil Engineering PE Exam: A Companion to the Civil Engineering Reference Manual, 15th Ed Civil Engineering Reference Manual for the PE Exam, 15th Ed The Pill Book (15th Edition): New and Revised 15th Edition (Pill Book (Mass Market)) Civil Service Exam Secrets Study Guide: Civil Service Test Review for the Civil Service Examination (Mometrix Secrets

Study Guides) Manual of Clinical Periodontics: A Reference Manual for Diagnosis & Treatment (Lexi-Comp's Dental Reference Library) Lexi-Comp's Manual of Clinical Periodontics: A Reference Manual for Diagnosis & Treatment (Lexi-Comp's Dental Reference Library) Civil Engineering and the Science of Structures (Engineering in Action) Sons of Privilege: The Charleston Light Dragoons in the Civil War (Civil War Sesquicentennial Edition) (Civil War Sesquicentennial Edition (University of South Carolina Press)) Solutions Manual - A Linear Algebra Primer for Financial Engineering (Financial Engineering Advanced Background Series) (Volume 4) Practice Problems for the Mechanical Engineering PE Exam, 13th Ed (Comprehensive Practice for the Mechanical Pe Exam) FE Review Manual: Rapid Preparation for the Fundamentals of Engineering Exam, 3rd Ed Oral Soft Tissue Diseases: A Reference Manual for Diagnosis & Management (Lexicomp Dental Reference Library) Interior Design Reference Manual: Everything You Need to Know to Pass the NCIDQ® Exam GNAT Reference Manual - GNAT The GNU Ada Compiler: Manual For Gcc Version 4.3.3 LEED BD&C Exam Guide: A Must-Have for the LEED AP BD+C Exam: Study Materials, Sample Questions, Green Building Design and Construction, LEED ... of the 2nd Edition) (Leed Exam Guides) Building Design and Construction Systems (BDCS) ARE Mock Exam: ARE Overview, Exam Prep Tips, Multiple-Choice Questions and Graphic Vignettes, Solutions and Explanations (Architect Registration Exam) PMP® Exam Simplified: Updated for 2016 Exam (PMP® Exam Prep Series) (Volume 4) Secrets of the Wonderlic Scholastic Level Exam Study Guide: Wonderlic Exam Review for the Wonderlic Scholastic Level Exam (Mometrix Secrets Study Guides) PMP EXAM Simplified-5th Edition- (PMP Exam Prep 2013 and CAPM Exam Prep 2013 Series) Aligned to PMBOK Guide 5th Edition How to get every Network Diagram question right on the PMP® Exam:: 50+ PMP® Exam Prep Sample Questions and Solutions on Network Diagrams (PMP® Exam Prep Simplified) (Volume 3)

[Dmca](#)