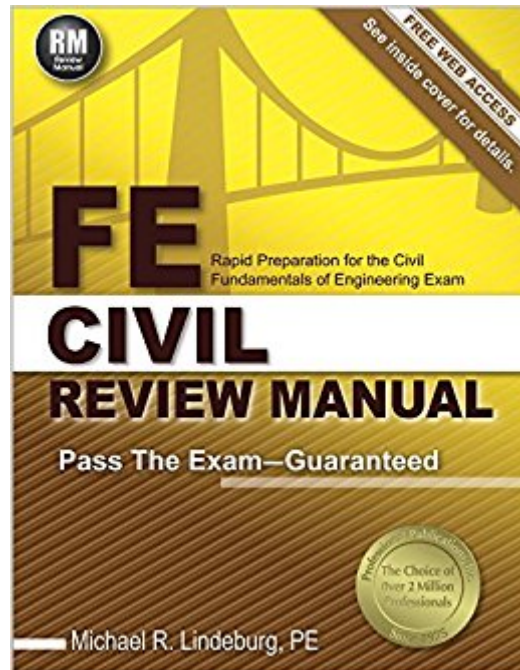




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FE Civil Review Manual



Synopsis

The Most Comprehensive Book for the Computer-Based Civil FE Exam The FE Civil Review Manual offers complete coverage of FE Civil exam knowledge areas and the relevant elements—equations, figures, and tables—from the NCEES FE Reference Handbook. With 16 mini-exams to assess your grasp of the exam’s knowledge areas, and concise explanations of thousands of equations and hundreds of figures and tables, the Review Manual contains everything you need to prepare for the FE Civil exam. The Review Manual organizes the Handbook elements logically, grouping related concepts that the Handbook has in disparate locations. All Handbook elements are shown in blue for easy identification. Equations, and their associated variations and values, are clearly presented. Descriptions are succinct and supported by exam-like example problems, with step-by-step solutions to reinforce the theory and application of fundamental concepts. Thousands of terms are indexed to facilitate cross-referencing. If you are preparing for a different FE exam, choose Michael R. Lindeburg, PE’s FE Electrical and Computer Review Manual, FE Mechanical Review Manual, FE Other Disciplines Review Manual, or FE Review Manual. Topics Covered Computational Tools Construction Dynamics Engineering Economics Environmental Engineering Ethics and Professional Practice Fluid Mechanics Geotechnical Engineering Hydraulics and Hydrologic Systems Materials Mathematics Mechanics of Materials Probability and Statistics Statics Structural Analysis Structural Design Surveying Transportation Engineering To augment your review, pair your FE Civil Review Manual with PPI’s FE Civil Practice Problems book. It contains more than 465 multiple choice problems designed to be solved in three minutes or less. This book follows the FE Civil Review Manual in chapter sequence, nomenclature, terminology, and methodology, so you can easily find clear explanations of topics where you need more support. Don’t miss the digital Civil FE practice products, exam tips, FAQs, and more at ppi2pass.com and feprep.com.

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Customer Reviews

Background: I graduated and received both my B.S. and M.S. degrees in Structural Engineering from the University of California, San Diego and unlike most of my classmates decided to defer taking this exam as long as I could. Why you may ask? Mainly because I never foresaw myself of taking up any interest in getting licensed since my interests coincided more with software development in my field more than actual design and consulting. Though this last point is still true, my current job encourages all it's employees to eventually get their PE license somewhere down the line so there I was having to pick myself up from the bootstrap a couple years after finishing up my coursework having to go back and re-learning basic and key concepts for the FE Exam. Everyone that took this exam have consistently told me that this exam isn't hard and as long as you're familiar with the reference handbook and key concepts, you'll be solid. Considering that you need only at least around a 50% to pass this exam and after finally taking it myself, I couldn't agree more with them. The new and updated Computer Based Testing (CBT) format of the FE Exam makes it more convenient, in my opinion, since you really only need to focus on the specific topic you studied in college instead of trying to cram all those other subjects like Chemistry or E&M, etc. for an exam that you'll soon forget after. In addition, having an electronic and completely searchable reference handbook during the exam is a major benefit for you in terms of saving time during actual D-day.

Review: With all the preliminaries out of the way, this review manual does a good enough job in helping someone like me or even a fresh graduate brush up the key concepts on what to really focus on to be ready for the exam.

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