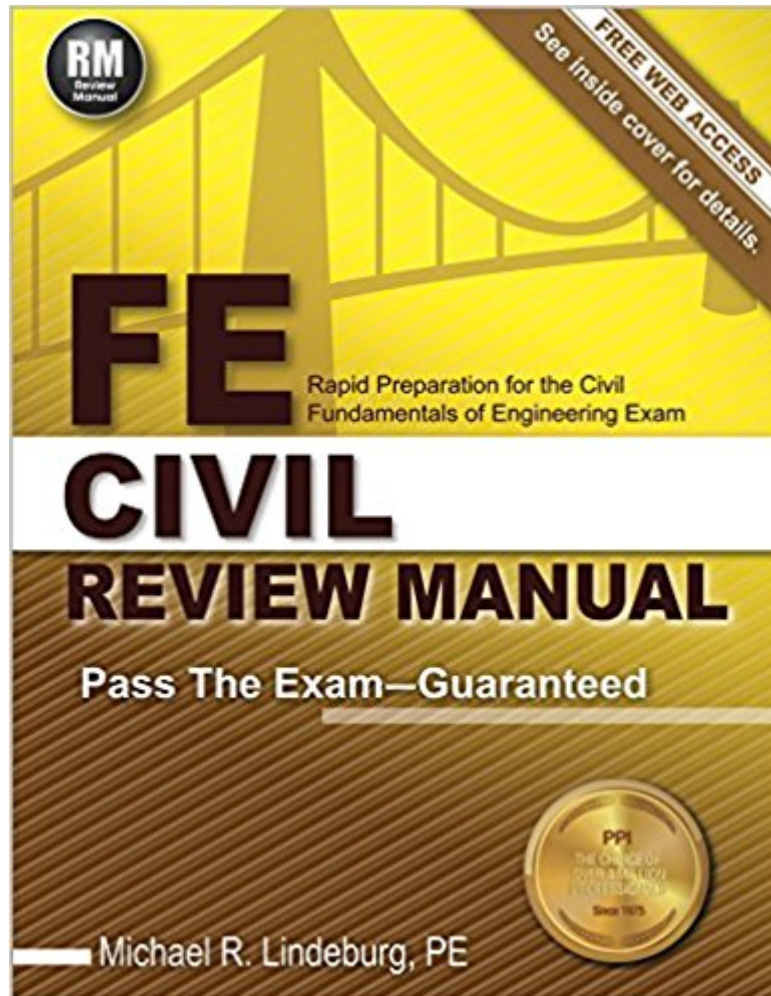




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FE Civil Review Manual



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

Michael R. Lindeburg, PE, is one of the best-known authors of engineering textbooks and references. His books and courses have influenced millions of engineers around the world. Since 1975, he has authored dozens of engineering reference and exam preparation books. He has spent thousands of hours teaching engineering to students and practicing engineers. He holds bachelor of science and master of science degrees in industrial engineering from Stanford University.

Well, this book definitely does wonders. I passed my FE after spending about 3 months working on this book. Amazing layout, has a built in schedule, and breaks down every single section the FE. It's an intense book and expect to really strap down and study. I took the FE about a year after I graduated so this review manual acted as my "refresher" for all the topics I forgot about. Nice and sturdy book and has a code on the inside for working on the problems online in a digital format. The only thing that I would have liked to see was some kind of overall practice test, but the tests at the end of each section obviously sufficed if I passed! Definitely a really good review book - totally recommend and worth every cent.

The book is good in general. However, it misses the important concepts and focuses on the wrong directions. Let me explain, there is a complete chapter for differential equations but they are not required for civil exam according to NCEES reference manual. On the other hand, there is no single example on Truss/Frame Deflection by Unit Load Method! yes they are covered in this book but you won't understand the concept without examples. The other problem I had is that the examples in this book are plug in numbers, which makes them useless in general, we all know how to put numbers in equations! I found myself using the internet a lot to find answers to my questions.

I can see this book being helpful if you are learning the material for the first time though it covers a lot of material that is not needed on the FE Civil (April 2017) exam. Problems/concepts often use equations not covered by the NCEES reference manual and take significantly longer than any FE

exam problem will. I recommend you only consider this book if you are struggling with the NCEES practice exam.

Meh, I MUCH preferred the "FE Civil Practice Problems" book. I PASSED with that one! This one just stressed me out.

Overall great preparation book. The book recommends 60 hours of studying at a minimum. I studied about 40-45 hours for the FE and passed my first try. Work through all diagnostic exams and the examples within the chapter using the most recent FERH and then go back and learn the problems and information you did not know. This book prepares you well for taking the exam but don't expect more than 5 similar problems to actually be on the test. Overall great experience and well worth the money.

Honestly, it's terrible. It skips a large number of steps in the solutions, combining them all into one formula more often than not. A number of questions do not seem to reflect the formulas in the NCEES manual and it's not explained where they got certain values. Such a mistake to waste money on this book.

In great condition, no noticeable marks or wear in any way. I would say it was new if I didn't know otherwise. Shipped very quickly. The book itself is helpful and I would recommend it over the general FE book (assuming you are taking the civil test).

Only used this to study and passed!

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