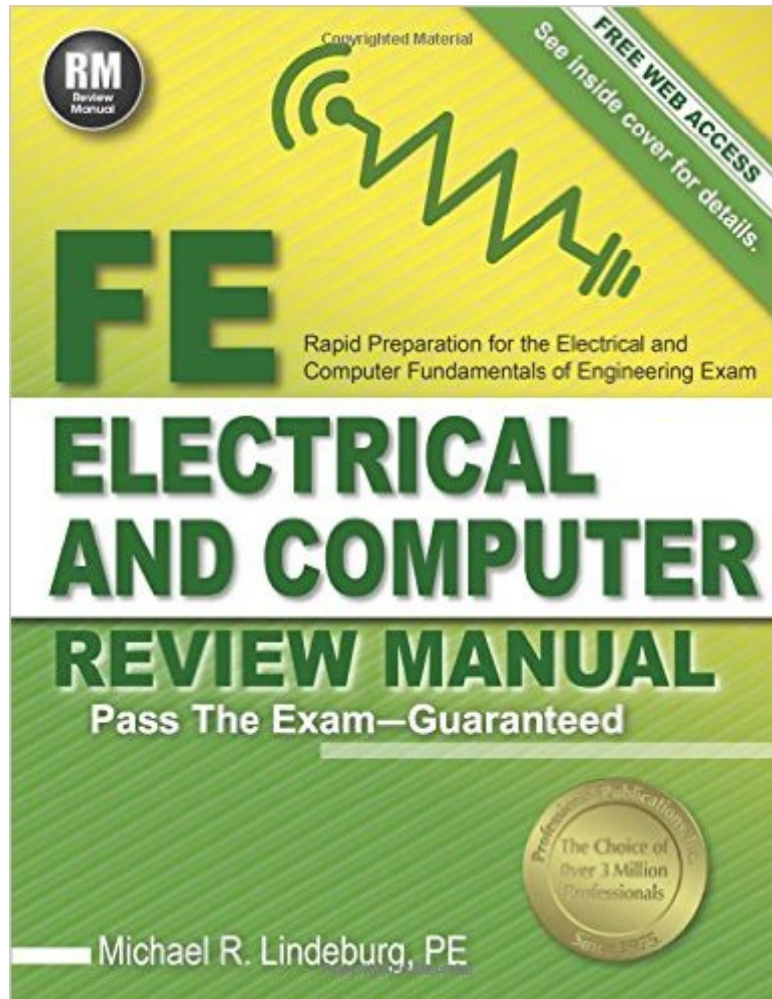


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# FE Electrical And Computer Review Manual



## Synopsis

The Most Comprehensive Book for the Computer-Based® Electrical and Computer FE Exam ® The FE Electrical and Computer Review Manual offers complete coverage of Electrical and Computer FE exam knowledge areas and the relevant elementsâ ”equations, figures, and tablesâ ”from the NCEES FE Reference Handbook. With 15 mini-exams to assess your grasp of the examâ™s knowledge areas, and concise explanations of thousands of equations and hundreds of figures and tables, the Review Manual contains everything you need to succeed on the Electrical and Computer FE 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 sample 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, PEâ™s FE Civil Review Manual, FE Mechanical Review Manual,® FE Other Disciplines Review Manual, or FE Review Manual. ® Topics CoveredCircuit Analysis (DC and AC Steady State)CommunicationsComputer NetworksComputer SystemsControl SystemsDigital SystemsElectromagneticsElectronicsEngineering EconomicsEngineering SciencesEthics and Professional PracticeLinear SystemsMathematicsPowerProbability and StatisticsProperties of Electrical MaterialsSignal ProcessingSoftware Development Donâ™t miss Electrical and Computer FE exam tips, FAQs, digital review products, and more at [ppi2pass.com](http://ppi2pass.com) and [feprep.com](http://feprep.com).

## Book Information

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## Customer Reviews

I am currently preparing for the Electrical and Computer FE Exam. I had the original Lindenburg FE review manual, but since they switched formats last year, I wanted one that was specific to the exam I was going to take. There are almost none....at all. But, I did get a lot out of the general review manual, so I purchased this one. PROS:- It covers ALL of the topics that will now be covered in the Electrical/Computer CBT FE- You don't have to filter through the sections you don't need like in the Rapid Preparation Manual- Because there are fewer areas of engineering that are covered, each section is in much, much greater depth.- There are Diagnostic Exams at the beginning of each section to gauge how much time you need to focus on them.- While it is not organized the way NCEES has organized the EC outline, I think they made an attempt to group similar topics together so it flows. Sometimes it works, some times it doesn't. CONS:- My single biggest gripe is the fact that they do not have the post section FE-style problem sets (as in the Rapid Prep). As far as practice problems are concerned, you get the diagnostic exam and one example per subtopic. Overall, I feel confident that this is the best prep book out there for the current version of the FE. Further, I have a degree in Software Engineering, NOT Electrical and I feel like this is a good TEACHER, not just refresher. I will be buying the NCEES practice test set as my exam date gets closer, to make up for the lack of practice problems in this, but I don't consider that a deal breaker

book is overrated. If you are taking FE this book is terrible for electromagnetics and power. Only 2 or 3 topics from FE guide was listed. The circuit topics didn't have examples for KCL and KVL, thevenin and Norton equivalent circuits. (Thank God for the internet). The only topic covered 100% is maths and control systems. I will take the exam soon, and I know for sure that this guide won't help me pass. This book is overrated for sure. even topics are scattered around other topics had to go to section 24 to find power factor while other power topics are in 26 to 29 section. Book is not worth more than \$70 in my own humble opinion. I probably will pass but this book gets no credit. Had to use internet to learn KVL, KCL, and 2-port impedance models. the book solution to example for the 2-port model was horrible. Buyers beware!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!! Update: I took FE today and I flunked most transistor questions, no surprise due to little review in this book, and power was very challenging too. The book lacks in both of these areas. I cross my hand and hope to pass but I feel like I made 60%. General was easy and the book covered it well, but the core topics like EMAG,

power, electronics, and even thevenin equivalent circuits are lacking. If I had not used Internet to figure how to solve thevenin circuits I would have failed about 4 questions today. I wonder who keeps giving this book high reviews were they given free books for their fake reviews. How come none of them pointed out the short ones of the book like I did? Now go girl out why.

Some background information: I bought this book about two months before my FE exam. I also took the exam before my last quarter in college. This book prepares you for everything the exam can throw at you. Its chapters are categorized by the subjects/topics that are on the exam. I used this book as my only study reference and worked through it starting two months before my exam. I did EVERY problem that was listed in here, and went over them twice to make sure I understood the question/procedure. I finished the problems about a week before my exam, and I rested the week of the exam. I passed!!! I think anyone can pass the exam if they use this book correctly. Michael Lindeburg is the man!

It is an ok manual for you to review the topic on the exam. However, it does not cover all the scope of the test. I took the exam on 2/20/2016, and I received an email saying that I passed the exam. I will say this book is doing excellent on the math, statics, ethics, economy parts, and also the DC/AC circuit, digital circuit, Work, and E/H field. But for the signal part, the writer did not cover that much and when I got to the exam, I was confused. And also, for the mosfet, bjt, parts, he can put more meats on that too.

I took the FE Electrical and Computer exam yesterday and let me tell you something...buying this book and doing the problems was a complete waste of money and time. The book is great at touching on sections and formulas which are listed on the FE Reference manual, but the problems is that none of the book questions resembled the questions on the FE exam. The problems on the book were way easier than the FE exam because they were "plug and chug". The problems on the FE exam were structured differently and were simply harder. I relied on this book greatly and thought I was going to pass because I was under the impression that the FE exam questions were going to be structured very similar to what was on the book. Big mistake. Don't rely solely on this book. Find other books and do problems, problems, and more problems.

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