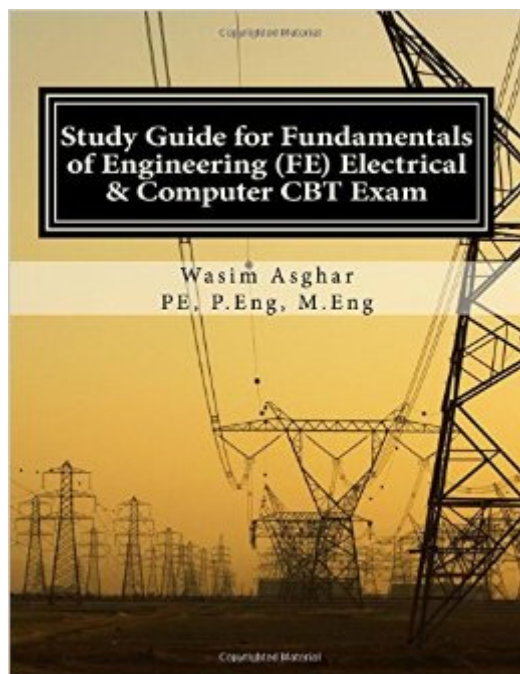


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# **Study Guide For Fundamentals Of Engineering (FE) Electrical And Computer CBT Exam: Practice Over 400 Solved Problems Based On NCEES® FE CBT Specification Version 9.4**



## Synopsis

'Practice makes perfect' is as applicable to passing FE Exam as it is to anything else. This study guide is centered on the idea of 'problem based learning'. It contains over 400 focused problems with detailed solutions based on the latest NCEES FE Computer Based Testing specification for Electrical and Computer exam and covers following sections: Properties of Electrical Materials â “ Engineering Sciences â “ Circuit Analysis â “ Linear Systems Signal Processing â “ Electronics â “ Power â “ Electromagnetics â “ Control Systems â “ Communications Computer Networks â “ Digital Systems â “ Computer Systems â “ Software Development The layout of this study guide is specially designed to assist students in developing familiarity with NCEES FE Reference Handbook which is the only allowed reference material during FE exam. Students will find relevant reference details and section specific tips at the beginning of each chapter. Target audience of this book includes final year college students, new graduates as well as seasoned professionals who have been out of school for some time. Please visit [www.studyforfe.com](http://www.studyforfe.com) to learn about the recently launched On-demand preparation course for Electrical and Computer Engineering portions of the latest NCEES FE Computer-based Testing specification and it will allow you the flexibility to learn anytime, from anywhere at your own pace by learning from 80 lectures and quizzes. The website will also provide details regarding upcoming 3-day FE Electrical and Computer Engineering Exam Preparation Workshops!

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## Customer Reviews

This is the best book ever for FE electrical. If you really want to pass your exam just buy this book and go through all questions at least twice. That's what I did, I actually failed the FE exam twice and my main problem was the electrical part, I am an electrical engineer but I been out of college for so long, and forgot most of the tricks to solve problems related circuit analysis, signal processing, electronics, and so on. with this book, I took two weeks off from work, and I studied 8-10 hours a day till my exam and just got my result, PASSED. Please note this book does not include the following math, probability, ethics, economic. I really encourage the author to write a study guide for Math, Prob, ethics and economy.

This book is a great help in preparing for the exam. The topics are presented based on the FE Electrical Specifications. In every topic there are review of the concepts which is a big factor before solving a given problem. The strategy to solve the unknown is excellent which helps to solve quickly as possible specifically for a limited time. After several weeks of using this book. I could say it is one of the factors that aided to pass the FE Electrical and Computer. The author was very accommodating and had a lot of advice whenever I have some questions. Thank you

I have found this book to be exactly what the title suggests. It is an excellent study guide that for me helps identify what to expect when taking the FE exam. Of course the book is useful as a refresher for the exam material that I haven't studied recently. But more importantly, I really like the fact that the author (having gone through the process of passing the FE exam) effectively communicates which parts of the subject material requires more attention and which requires less. It is definitely helpful to have the guide to know what to spend your precious time focusing on.

I purchased this book, I find it very relevant and it prepares you for the exam mode. The author did an excellent job of organizing the topics and the practice problems are very helpful in understanding the concepts. He worked out the solutions clearly. I would definitely recommend it if you are looking into passing the FE exam.

This is a MUST HAVE book for FE candidates in EE especially if you have been out of school for a while. On my first FE try, I used many other study guides out there and they were good for general concepts such as materials, econ., math and electricity. However, they did not go deep enough for EE specifics and techniques. Wasim's book provided the perfect coupling with the prior general knowledge which I attribute to my passing on the second try. This book provides a practical and

targeted approach to the FE EE. Do all the practice problems, follow the recommendations on exam day techniques and you will ace it. I also subscribed to the lectures on the book website [...] a couple of weeks before the exam just to reinforce the practiced material. It was only \$99 compared to many exam prep courses that can cost thousands of dollars. Well worth every penny!!!!!!

I would highly recommend purchasing this book to study for the FE exam. There are very good questions for every section of the test. The best part is, if you have a question regarding any of the problems, the author is available with prompt responses to clarify any inquiries you may have.

Here goes...I took the Electrical FE 6/25/2016 and received results 6/29/2016 that I had passed. I personally have been out of school for over 9 years so passing the FE has proven to be a challenge and this was not my first time. I think that this book is very much worth the time and price for anyone studying for the FE. I can not say that if you only work through this study guide that you will pass the exam. I used several resources in my study but this one book packs a lot of very good questions that will force you to become familiar with majority of the equations and tables that are provided in the FE handbook. I purchased Lindeburg's Electrical FE review and honestly ended up not using that much. There were very few actual practice problems which is really how I learn. I know other reviews mentioned errors in the solutions. I do agree there were issues but I did not feel that they were that significant to leave me questioning if I had answered the problem correct. In working the problems that are provided in the text ask yourself how could the same problem be rephrased or what other type questions could be asked...this will greatly prepare you for the test. When there was a solution that did not include a step that left me wondering, I would look to text books or internet to research out. There is a wealth of information on youtube that is really good as well many Engineering schools provide information on the web to public if you will seek out. Be careful to stick to the content that is covered on in FE handbook and not spend huge amounts of time studying topics that are provided in much more depth than what is needed for the test. I know that I did many times...I only wish the same information was available when I went to school.

Pros:1. This book only includes example problems which is hard to find in only one book.2. Some of the questions from the book look just the ones in the test.Cons:1. Lots of errors through out the problems.2. Not enough explanation in some of the solutions to the problems.

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