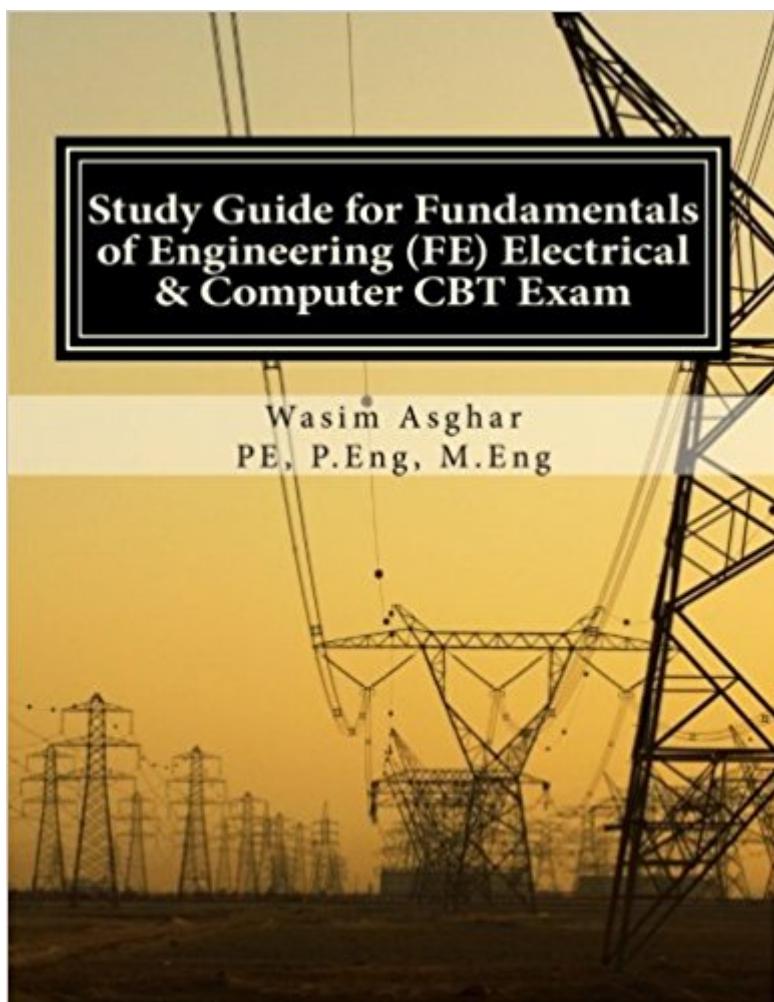


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Study Guide For Fundamentals Of Engineering (FE) Electrical And Computer CBT Exam: Practice Over 400 Solved Problems Based On NCEES® FE CBT Specification Version 9.4





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 \rightarrow Engineering Sciences \rightarrow Circuit Analysis \rightarrow Linear Systems Signal Processing \rightarrow Electronics \rightarrow Power \rightarrow Electromagnetics \rightarrow Control Systems \rightarrow Communications Computer Networks \rightarrow Digital Systems \rightarrow Computer Systems \rightarrow 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 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

Wasim Asghar is a Licensed Professional Engineer in Texas (PE), Florida (PE) and Ontario (P. Eng) with consulting experience in design, commissioning and plant engineering for leading clients in Energy, Mining and Infrastructure. He holds Bachelors of Engineering – Electrical with distinction from McMaster University (2010) and Master of Engineering – Power Systems from University of Toronto (2013) which was completed with full-time work. In 2014, he undertook a two year international assignment for a major project in Florida and also decided to pursue PE Licensure in United States. The road to licensure was challenging primarily because of a lack of useful study material for FE and PE exams. Wasim passed both exams in first attempts (FE in October 2014 and PE in April 2015). The lessons learned during exam preparation process inspired him to write this study guide which is designed to help aspiring professional engineers better prepare for the latest CBT format of FE Electrical and Computer Engineering Exam.

I PASSED! This book along with the online lecture was a great mixture to pass the exam! Not to mention the author, Wasim, is one of the most dedicated people I know trying to help people pass the exam! Every question I had he would answer within 24hrs, sometimes it would even be only a few hours before he would respond! You will not find quality like this in any book around the same price range. You also can not personally email the author of most other books to ask questions! I would recommend this book along with the Practice Exam he has made to anyone trying to pass the FE. It's nice to finally see material for the FE that won't bankrupt current students or recent grads. THANK YOU AGAIN WASIM FOR ALL YOUR HELP! I really do hope you come out with material for the Power PE Exam!

I recommend this book to anyone needing to study for the FE exam. Whenever I had a inquiry about one of the questions, Wasim would answer within the hour with a full page of scanned work of whatever I needed help with. He was very supportive. I bought two books, this book and the Lindeburg book that everyone else buys. However, this book forces you to learn from the equations in the reference table which is what you need to do during the exam. The variables and formulas used in the Lindeburg book were confusing since it was not consistent with the reference book. However, it is useful to have another study material since a few topics (mathematics, ethics, engineering economics..) are missing from Wasim's guide. I briefly skimmed over a few chapters in Lindeburg's book for math for a week and honestly it did not help much since there is too much information without enough practice problems. I crammed Wasim's book for a week before my exam

without any additional practice test materials (and I ran out of time to study topics not covered in Wasim's book...), I was able to pass my FE just knowing about 70% of the material. Wasim is the man!

Facts: Applied for the FE 4 times and never showed up. Tried multiple books, including the previous FE versions from other authors. Other books overwhelm you with information. If you learn by solving problems and by recognizing your gaps, THIS BOOK IS PERFECT! Put this book together with his online class and you're set. Author responds questions right away! I've been 5 years out of college and this book set me up for success. This book targets those who have recently graduated, but you can figure it out by the solutions. If you have any gaps, you need to do your research. Most books I've purchased have 2-3 problems on a subject and you're expected to know the material by then. This book is perfect for those who need to do multiple problems to ascertain their knowledge.

I am an Electrical Engineering major, Senior. I passed the FE Electrical and Computer Engineering CBT on the first try. My only study aids were the Wasim study guide and the two practice exams. I found the questions and material in the books to be near identical in content and style to the CBT that I took. Equally important as the content was the use of references to the NEECS Reference Handbook in the study guide and practice test solutions. Being able to quickly and efficiently refer to the Reference Handbook during the exam is critical. The study guide consists of test format questions and solutions.

This practice book was helpful and insightful. It's a good tool to help prepare for the exam. Also, the other thing about this book is that if you have a question, email the author and he'll get back to you with a full explanation within 24 hours. I took the exam on 12/12 (Monday) and found out that I passed on 12/21 (Wednesday). I recommend this book because I consider it a great resource to pass the exam. The book will be helpful but remember, this book should not be any ones only study material. I studied all three of Wasim's books, the Lindeburg review manual, the NCEES practice exam, and the some practice problems from the older version of the FE exam preparation book. On a side note, the actual exam asks questions harder than the ones in this book but the concepts are the same.

Passed at the first attempt. Now, I understand why this book has a high rate and recommended by the other reviewers. In general, the book is well organized and covers all most everything you need

for the exams. There are some typos in the book (i.e, problem 9.6a, 4.2a, etc.), they are just minors. Chapter 14,11 in the real test are more difficult than in the book. Chapter 6 and Chapter 7 are great. The author did a very good job! guessing he is now working on the new edition of this book so that it can be updated with the common alternative types questions.Thanks for the book.

There are several grammatical and numerical errors in this textbook. While I believe that the selected problems are very good for practice (much better than Lindeburd's FE Review Manual), you will have to spend a great deal of time correcting the textbook using the author's "Online Errata" on his website. On the other hand, the author is very quick to respond to questions regarding the problems via email. I hope that this textbook is revised soon with all of its error's fixed.

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