

# Fundamentals Of Engineering Review Course

Fundamentals of Electronics: Book 1  
The Best Test Preparation & Review Course  
FE/EIT Fundamentals of Engineering/engineer-in-training  
Industrial Discipline-specific Review for the FE/EIT Exam  
Mechanical Discipline-specific Review for the FE/EIT Exam  
Understanding Machine Learning  
Fe Exam Secrets Study Guide  
Cost Accounting For Dummies  
Chapman & Hall's Complete Fundamentals of Engineering Exam Review Workbook  
Study Guide for Fundamentals of Engineering (FE) Electrical and Computer CBT Exam  
Mechanical Engineering Review Manual  
Calculus Refresher for the Fundamentals of Engineering Exam  
CPA Exam For Dummies  
1001 Solved Engineering Fundamentals Problems  
FE/EITFE Review Manual  
FE Review Manual  
FE Chemical Review Manual  
FE Industrial and Systems Practice Exam  
Barron's FE Exam  
Fundamentals of Engineering  
Chapman & Hall's Complete Fundamentals of Engineering Exam Review Workbook  
The Best Test Preparation & Review Course  
FE/EIT Fundamentals of Engineering/engineer-in-training  
Fundamentals of Engineering (FE) Electrical and Computer - Practice Exam # 1  
Fundamentals of Engineering FE Civil All-in-One Exam Guide  
FE Mechanical Review Manual  
FE Civil Review  
Nuclear Engineering Fundamentals  
Barron's FEFE Mechanical Practice Problems  
FE Other Disciplines Review Manual  
Practice Problems for the FE-CIVIL CBT Exam  
Electrical Discipline-specific Review for the FE/EIT Exam  
The EIT/FE Exam  
FE/EITFE - EIT: AM

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(Engineer in Training Exam)EIT Review  
ManualFundamentals of Electrical Engineering  
IFundamentals of Engineering Numerical AnalysisFE  
Electrical and Computer Review ManualFE Civil  
Practice Exam

## **Fundamentals of Electronics: Book 1**

I am often asked the question, "Should I get my PE license or not?" Unfortunately the answer is, Probably. First let's take a look at the licensing process and understand why it exists, then take a look at extreme situations for an attempt at a yes/no answer, and finally consider the exams. All 50 have a constitutionally defined responsibility to protect the public. From an engineering point of view, as well as many other professions, this responsibility is met by the process of licensure and in our case the Professional Engineer License. Though there are different experience requirements for different states, the meaning of the license is common. The licensee demonstrates academic competency in the Fundamentals of Engineering by examination (Principles and Practices at PE time). The licensee demonstrates qualifying work experience (at PE time). The licensee ascribes to the Code of Ethics of the NSPE, and to the laws of the state of registration. Having presented these qualities the licensee is certified as an Intern Engineer, and the state involved has fulfilled its constitutionally defined responsibility to protect the public.

## **The Best Test Preparation & Review Course FE/EIT Fundamentals of Engineering/engineer-in-training**

Here's a wide-ranging collection of practice problems typical of the FE exam in every respect. All exam topics are covered and SI units are used. These multiple-choice questions are conveniently arranged by subject--so you can work through just the areas where you need practice, or all 1001 problems. A full, step-by-step solution is provided for each problem.

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## **Industrial Discipline-specific Review for the FE/EIT Exam**

Passing the Fundamentals of Engineering Exam is the first step toward becoming a Registered, or Professional, Engineer. The P.E. designation is a prerequisite for work as a consulting engineer, as well as for engineering management positions in many industries. This book prepares applicants who are planning to take the exam in the field of “mechanical” or “other” disciplines. It includes two mini diagnostic tests (one for each discipline) plus two full-length practice examinations with questions answered and explained for both disciplines. Prospective test takers will also find valuable brush-up chapters covering all

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test topics: chemistry, computational tools, dynamics, kinematics and vibrations, electricity and magnetism, engineering economy, ethics and professional practices, fluid mechanics, instrumentation and data acquisition, materials science and structure, mathematics, measurements, instrumentation and controls, mechanical design and analysis, probability and statistics, mechanics of materials, safety, health, and environment, statics, and thermodynamics and heat mass and energy transfer. Additional practice questions with answer keys and explanations follow each chapter.

## **Mechanical Discipline-specific Review for the FE/EIT Exam**

### **Understanding Machine Learning**

Introduces machine learning and its algorithmic paradigms, explaining the principles behind automated learning approaches and the considerations underlying their usage.

### **Fe Exam Secrets Study Guide**

This book was written to assist the student preparing for the new Civil FE Examination. It consists of approximately 500 multiple-choice practice problems of difficulty level appropriate for the new FE examination. They are organized in the same order as in the official (NCEES) syllabus. Answers are included.

## **Cost Accounting For Dummies**

This book, *Electronic Devices and Circuit Application*, is the first of four books of a larger work, *Fundamentals of Electronics*. It is comprised of four chapters describing the basic operation of each of the four fundamental building blocks of modern electronics: operational amplifiers, semiconductor diodes, bipolar junction transistors, and field effect transistors. Attention is focused on the reader obtaining a clear understanding of each of the devices when it is operated in equilibrium. Ideas fundamental to the study of electronic circuits are also developed in the book at a basic level to lessen the possibility of misunderstandings at a higher level. The difference between linear and non-linear operation is explored through the use of a variety of circuit examples including amplifiers constructed with operational amplifiers as the fundamental component and elementary digital logic gates constructed with various transistor types. *Fundamentals of Electronics* has been designed primarily for use in an upper division course in electronics for electrical engineering students. Typically such a course spans a full academic year consisting of two semesters or three quarters. As such, *Electronic Devices and Circuit Applications*, and the following two books, *Amplifiers: Analysis and Design* and *Active Filters and Amplifier Frequency Response*, form an appropriate body of material for such a course. Secondary applications include the use in a one-semester electronics course for engineers or as a reference for practicing engineers.

## **Chapman & Hall's Complete Fundamentals of Engineering Exam Review Workbook**

\*Add the convenience of accessing this book anytime, anywhere on your personal device with the eTextbook version for only \$30 at [ppi2pass.com/etextbook-program](http://ppi2pass.com/etextbook-program).\*

FE Mechanical Practice Problems offers comprehensive practice for the NCEES FE Electrical and Computer exam. FE Mechanical Practice Problems features include: over 460 three-minute, multiple-choice, exam-like practice problems to illustrate the type of problems you'll encounter during the exam clear, complete, and easy-to-follow solutions to deepen your understanding of all knowledge areas covered in the exam step-by-step calculations using equations and nomenclature from the NCEES FE Reference Handbook to familiarize you with the reference you'll have on exam day

Exam Topics Covered

- Computational Tools
- Dynamics, Kinematics, and Vibrations
- Electricity and Magnetism
- Engineering Economics
- Ethics and Professional Practice
- Fluid Mechanics
- Heat Transfer
- Material Properties and Processing
- Mathematics
- Materials Measurement, Instrumentation, and Controls
- Mechanical Design and Analysis
- Mechanics of Materials
- Probability and Statistics
- Statics
- Thermodynamics

## **Study Guide for Fundamentals of Engineering (FE) Electrical and Computer CBT Exam**

Provides an in-depth review of the fundamentals for

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the morning portion and the general afternoon portion of the FE exam. Each chapter is written by an expert in the field. This is the core textbook included in every FE Learning System, and contains SI units.

### **Mechanical Engineering Review Manual**

I am often asked the question, "Should I get my PE license or not?" Unfortunately the answer is, Probably. First let's take a look at the licensing process and understand why it exists, then take a look at extreme situations for an attempt at a yes/no answer, and finally consider the exams. All 50 have a constitutionally defined responsibility to protect the public. From an engineering point of view, as well as many other professions, this responsibility is met by the process of licensure and in our case the Professional Engineer License. Though there are different experience requirements for different states, the meaning of the license is common. The licensee demonstrates academic competency in the Fundamentals of Engineering by examination (Principles and Practices at PE time). The licensee demonstrates qualifying work experience (at PE time). The licensee ascribes to the Code of Ethics of the NSPE, and to the laws of the state of registration. Having presented these qualities the licensee is certified as an Intern Engineer, and the state involved has fulfilled its constitutionally defined responsibility to protect the public.

### **Calculus Refresher for the Fundamentals of Engineering Exam**

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Passing the Fundamentals of Engineering Exam is the first step toward becoming a Registered, or Professional, Engineer. The P.E. designation is a prerequisite for work as a consulting engineer, as well as for engineering management positions in many industries. This book prepares applicants with a mini diagnostic test plus a full-length two-part practice examination with questions answered and explained. Prospective test takers will also find valuable brush-up chapters covering all test topics: biology, chemistry, computer programming, dynamics, electricity and magnetism, engineering economy, ethics and business practices, fluid mechanics, materials science and structure, mathematics, probability and statistics, mechanics of materials, statics, and thermodynamics and heat transfer. Additional practice questions with answer keys and explanations follow each chapter.

### **CPA Exam For Dummies**

The easy way to get a grip on cost accounting Critical in supporting strategic business decisions and improving profitability, cost accounting is arguably one of the most important functions in the accounting field. For business students, cost accounting is a required course for those seeking an accounting degree and is a popular elective among other business majors. Cost Accounting For Dummies tracks to a typical cost accounting course and provides in-depth explanations and reviews of the essential concepts you'll encounter in your studies: how to define costs as direct materials, direct labor, fixed overhead, variable overhead, or period costs; how to

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use allocation methodology to assign costs to products and services; how to evaluate the need for capital expenditures; how to design a budget model that forecast changes in costs based on expected activity levels; and much more. Tracks to a typical cost accounting course Includes practical, real-world examples Walks you through homework problems with detailed, easy-to-understand answers If you're currently enrolled in a cost accounting course, this hands-on, friendly guide gives you everything you need to master this critical aspect of accounting.

### **1001 Solved Engineering Fundamentals Problems**

The best preparation for discipline-specific FE exams  
60 practice problems, with full solutions  
Two complete, simulated 4-hour discipline-specific exam  
Covers all the topics for that particular discipline  
Provides the in-depth review you need  
Topics covered  
Analog Electronic Circuits  
Communications Theory  
Computer & Numerical Methods  
Computer Hardware  
Engineering  
Computer Software Engineering  
Control Systems Theory & Applications  
Digital Systems  
Electromagnetic Theory & Applications  
Instrumentation  
Network Analysis  
Power Systems  
Signal Processing  
Solid-State Electronics & Devices

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## **FE/EIT**

The ONLY book with 3 full-length, 4-hour exams, plus 12 comprehensive reviews for the AM portion of the FE(EIT). Step-by-step explanations are presented. Knowledge of the first 90 semester credit hours of a typical engineering program are tested. Thorough reviews are provided for all areas tested on the FE, including the two new sections, Computers and Ethics. For engineering students who are pursuing an 'Engineer-in- Training' certification.

## **FE Review Manual**

\*Add the convenience of accessing this book anytime, anywhere on your personal device with the eTextbook version for only \$50 at [ppi2pass.com/etextbook-program](http://ppi2pass.com/etextbook-program).\* Michael R. Lindeburg PE's FE Mechanical Review Manual offers complete review for the FE Mechanical exam. FE Mechanical Review Manual features include: complete coverage of all exam knowledge areas equations, figures, and tables for version 9.4 of the NCEES FE Reference Handbook to familiarize you with the reference you'll have on exam day concise explanations supported by exam-like example problems, with step-by-step solutions to reinforce the theory and application of fundamental concepts a robust index with thousands of terms Topics Covered Computational Tools Dynamics, Kinematics, and Vibrations Electricity and Magnetism Engineering Economics Ethics and Professional Practice Fluid Mechanics Heat Transfer Material Properties and Processing Mathematics Materials

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Measurement, Instrumentation, and Controls  
Mechanical Design and Analysis Mechanics of  
Materials Probability and Statistics Statics  
Thermodynamics Important notice! It has been brought to our attention that counterfeit PPI books have been sold by independent sellers. Counterfeit books have missing material as well as incorrect and outdated content. While we are actively working with Amazon and other third party sellers to resolve this issue, we would like our customers to be aware that this issue exists and to be leary of books not purchased directly through PPI and PPI stores on Amazon. We cannot guarantee the authenticity of any book that is not purchased from PPI. If you suspect a fraudulent seller, please email details to [marketing@ppi2pass.com](mailto:marketing@ppi2pass.com).

## **FE Review Manual**

This highly effective study guide offers 100% coverage of every subject on the FE Civil exam This self-study resource contains all of the information you need to prepare for and pass the challenging FE Civil exam on the first try. The book features clear explanations of every topic on the exam as well as hands-on exam strategies and accurate practice problems with fully worked solutions. Organized to follow the order of the official exam syllabus, the book includes references to the official FE Reference Handbook along with tips on how to utilize that resource during the exam itself. Written by a leading civil engineering educator and exam coach, Fundamentals of Engineering FE Civil All-in-One Exam

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Guide helps you pass the exam with ease. •Contains complete coverage of all objectives for the FE Civil exam •Follows the exact order of the official exam syllabus •Written by an experienced educator and researcher

### **FE Chemical Review Manual**

Since the original publication of this book, available computer power has increased greatly. Today, scientific computing is playing an ever more prominent role as a tool in scientific discovery and engineering analysis. In this second edition, the key addition is an introduction to the finite element method. This is a widely used technique for solving partial differential equations (PDEs) in complex domains. This text introduces numerical methods and shows how to develop, analyse, and use them. Complete MATLAB programs for all the worked examples are now available at [www.cambridge.org/Moin](http://www.cambridge.org/Moin), and more than 30 exercises have been added. This thorough and practical book is intended as a first course in numerical analysis, primarily for new graduate students in engineering and physical science. Along with mastering the fundamentals of numerical methods, students will learn to write their own computer programs using standard numerical methods.

### **FE Industrial and Systems Practice Exam**

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anywhere on your personal device with the eTextbook version for only \$50 at [ppi2pass.com/etextbook-program](http://ppi2pass.com/etextbook-program).\* Michael R. Lindeburg PE's FE Chemical Review Manual offers complete review for the FE Chemical exam. Features of FE Chemical Review include: complete coverage of all exam knowledge areas equations, figures, and tables of the NCEES FE Reference Handbook to familiarize you with the reference you'll have on exam day concise explanations supported by exam-like example problems, with step-by-step solutions to reinforce the theory and application of fundamental concepts a robust index with thousands of terms to facilitate referencing Topics Covered Chemical Reaction Engineering Chemistry Computational Tools Engineering Sciences Ethics and Professional Practice Fluid Mechanics/Dynamics Heat Transfer Mass Transfer and Separation Material/Energy Balances Materials Science Mathematics Probability and Statistics Process Control Process Design and Economics Safety, Health, and Environment Thermodynamics Important notice! It has been brought to our attention that counterfeit PPI books have been circulating. Counterfeit books have missing material as well as incorrect and outdated content. While we are actively working to resolve this issue, we would like our customers to be aware that this issue exists and to be leary of books not purchased directly through PPI. If you suspect a fraudulent seller, please email details to [marketing@ppi2pass.com](mailto:marketing@ppi2pass.com).

### **Barron's FE Exam**

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Get started on the path to passing the CPA exam today. Passing the CPA exam can be the first step to a long and rewarding career. With *CPA Exam For Dummies*, you'll get a full overview of the exam, information on how to register, the requirements for taking and passing the tests, as well as a review of the four sections. This comprehensive introductory study guide provides you with a wealth of information, including all the current AICPA content requirements in auditing and attestation, business environment and concepts, financial accounting and reporting, and accounting regulation. From start to finish, the text is designed to prepare you for each portion of this rigorous exam. Preparing for the CPA exam can be a daunting process. With the classic *For Dummies* approach, *CPA Exam For Dummies* offers an overview and steps on how to get started. Go at your own pace to master the various sections of the exam, and use the book as a reference on an ongoing basis as you prepare for the exam portions. Dive into the book to find:

- An overview of the CPA exam, featuring exam organization and information on scoring
- A content review, including practice questions and explanations of answers
- Online bonus practice exams to boost your knowledge and confidence
- An overview of the benefits of passing the CPA exam and becoming a certified public accountant

For those seeking to pass the CPA exam and launch their accounting careers, *CPA Exam For Dummies* is the go-to resource for getting started!

## **Fundamentals of Engineering**

## **Chapman & Hall's Complete Fundamentals of Engineering Exam Review Workbook**

NUCLEAR ENGINEERING FUNDAMENTALS is the most modern, up-to-date, and reader friendly nuclear engineering textbook on the market today. It provides a thoroughly modern alternative to classical nuclear engineering textbooks that have not been updated over the last 20 years. Printed in full color, it conveys a sense of awe and wonder to anyone interested in the field of nuclear energy. It discusses nuclear reactor design, nuclear fuel cycles, reactor thermal-hydraulics, reactor operation, reactor safety, radiation detection and protection, and the interaction of radiation with matter. It presents an in-depth introduction to the science of nuclear power, nuclear energy production, the nuclear chain reaction, nuclear cross sections, radioactivity, and radiation transport. All major types of reactors are introduced and discussed, and the role of internet tools in their analysis and design is explored. Reactor safety and reactor containment systems are explored as well. To convey the evolution of nuclear science and engineering, historical figures and their contributions to evolution of the nuclear power industry are explored. Numerous examples are provided throughout the text, and are brought to life through life-like portraits, photographs, and colorful illustrations. The text follows a well-structured pedagogical approach, and provides a wide range of student learning features not available in other textbooks including useful equations, numerous

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worked examples, and lists of key web resources. As a bonus, a complete Solutions Manual and .PDF slides of all figures are available to qualified instructors who adopt the text. More than any other fundamentals book in a generation, it is student-friendly, and truly impressive in its design and its scope. It can be used for a one semester, a two semester, or a three semester course in the fundamentals of nuclear power. It can also serve as a great reference book for practicing nuclear scientists and engineers. To date, it has achieved the highest overall satisfaction of any mainstream nuclear engineering textbook available on the market today.

### **The Best Test Preparation & Review Course FE/EIT Fundamentals of Engineering/engineering-in-training**

### **Fundamentals of Engineering (FE) Electrical and Computer - Practice Exam # 1**

The Best-Selling Book for FE Exam Preparation The FE Review Manual is the most trusted FE exam preparation book. Gain a better understanding of key concepts and save prep time by reviewing FE exam topics and NCEES Handbook equations in a single location. These equations, along with NCEES Handbook figures and tables, are distinguished in green text for easy cross-referencing. Use the 13 diagnostic exams to identify where you need the most review and improve your problem-solving skills with

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over 1,200 practice problems. You can also look for PPI's new discipline-specific FE review manuals: FE Civil Review Manual FE Mechanical Review Manual FE Other Disciplines Review Manual Entrust your FE exam preparation to the FE Review Manual and get the power to pass the first time—guaranteed—or we'll refund your purchase price. FE exam coverage in 54 easy-to-read chapters 13 topic-specific diagnostic exams Green text to identify equations, figures, and tables found in the NCEES Handbook Over 1,200 practice problems with step-by-step solutions SI units throughout Sample study schedule Comprehensive, easy-to-use index Exam tips and advice Topics Covered Include Biology Chemistry Computers, Measurement, and Controls Conversion Factors Dynamics Electric Circuits Engineering Economics Ethics Fluid Mechanics Materials Science/Structure of Matter Mathematics Mechanics of Materials Statics Thermodynamics and Heat Transfer Transport Phenomena Units and Fundamental Constants

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### **Fundamentals of Engineering FE Civil All-in-One Exam Guide**

The ONLY book with 3 full-length, 4-hour exams, plus 12 comprehensive reviews for the AM portion of the FE(EIT). Step-by-step explanations are presented.

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Knowledge of the first 90 semester credit hours of a typical engineering program are tested. Thorough reviews are provided for all areas tested on the FE, including the two new sections, Computers and Ethics. For engineering students who are pursuing an 'Engineer-in- Training' certification.

### **FE Mechanical Review Manual**

The FE Civil Review offers complete coverage of the Civil FE exam knowledge areas and the relevant elements--equations, figures, and tables--from the NCEES FE Reference Handbook. With concise explanations of thousands of equations, and hundreds of figures and tables, the FE Civil Review contains everything you need to successfully prepare for the Civil FE exam.

### **FE Civil Review**

This test prep book includes two full-length practice tests with explanations for every answer. Detailed review chapters provide sample problems and solutions, as well as an overview of the test subjects. Designed to assess students' knowledge of engineering subjects ranging from chemistry to thermodynamics. A thorough preparation for students taking the FE: PM General exam.

### **Nuclear Engineering Fundamentals**

FTCE Agriculture 6-12 Flashcard Study System uses repetitive methods of study to teach you how to break

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apart and quickly solve difficult test questions on the Florida Teacher Certification Examinations. Study after study has shown that spaced repetition is the most effective form of learning, and nothing beats flashcards when it comes to making repetitive learning fun and fast. Our flashcards enable you to study small, digestible bits of information that are easy to learn and give you exposure to the different question types and concepts. FTCE Agriculture 6-12 Flashcard Study System covers all of the most important topics that you'll need to know to be successful on test day.

### **Barron's FE**

The Best Preparation for Discipline-Specific FE Exams  
60 practice problems, with full solutions  
Two complete, simulated 4-hour discipline-specific exam  
Covers all the topics for that particular discipline  
Provides the in-depth review you need  
Topics Covered  
Automatic Controls  
Computers  
Dynamic Systems  
Energy Conversion & Power Plants  
Fans, Pumps & Compressors  
Fluid Mechanics  
Heat Transfer  
Material Behavior/Processing  
Measurement & Instrumentation  
Mechanical Design  
Refrigeration & HVAC  
Stress Analysis  
Thermodynamics

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## **FE Mechanical Practice Problems**

Prepare to pass the computer-based FE Electrical and Computer exam with PPI's FE Electrical and Computer Review Manual.

## **FE Other Disciplines Review Manual**

'Practice makes perfect' is as applicable to passing FE Exam as it is to anything else. This book contains full length practice exam with complete solutions based on latest NCEES Computer Based Testing (CBT) specification for FE Electrical and Computer Exam. By means of using this book, you will be able to:\*

- Perform diagnostics of strengths and weaknesses\*
- Calibrate exam readiness
- \* Fine-tune' study plan

The solutions are explained to assist students in developing familiarity with NCEES FE Reference Handbook which is the only allowed reference material during exam. Target audience of this book includes final year students, new graduates as well as seasoned professionals who have been out of school for a while. 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.

## **Practice Problems for the FE-CIVIL CBT Exam**

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This thorough study guide provides comprehensive review material and practice questions specific to chemical engineering. Two full-length practice tests are designed to prepare students for the FE: PM exam in chemical engineering. Detailed explanations to every question are included. Topics covered include heat transfer, chemical thermodynamics, and more.

### **Electrical Discipline-specific Review for the FE/EIT Exam**

The FE exam, the first in the two-part engineering licensing process, is taken typically by upper-level students or recent graduates in April or October. This eight-hour exam is closed-book except for a handout provided in the examination room. The exam is divided into morning and afternoon sessions. The morning exam, with 120 multiple-choice problems, is the same for everyone. In the afternoon, examinees must choose to take a discipline-specific (DS) or a general exam, each with 60 multiple-choice problems. The FE Review Manual and the Engineer-in-Training Reference Manual are the core books used to prepare for the morning and general afternoon exams. This is the most effective, up-to-date, all-in-one review your engineering customers can buy for the general Fundamentals of Engineering (FE) exam. Plus, the FE Review Manual carries a money-back guarantee: Pass the test or get your money back from the publisher. The book is an ideal refresher for students, recent graduates, or engineers who have limited time to study. The FE Review Manual features:

- Full review of topics on the general FE/EIT exam --

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More than 1,150 problems with solutions -- A complete practice exam with solutions -- Diagnostic exams by topic -- so engineers can test their readiness and understanding of each topic before they begin to study

## **The EIT/FE Exam**

Calculus Refresher for the FE Exam was written in response to the requests of countless FE candidates. Many engineers report having more difficulty with problems involving calculus than with anything else on the FE exam. Almost everyone can benefit from a concise review of the subject! The author provides background theory, clear explanatory text, relevant examples, and FE-style practice problems (with solutions).

## **FE/EIT**

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.

## **FE - EIT: AM (Engineer in Training Exam)**

The EIT/FE Exam: "HOW TO PASS ON YOUR FIRST TRY" EITFastTrack.com, 2015 Exam Based, developed by practicing engineers for engineers, provides over 330 practical problems and step-by-step solutions to help you prepare for the EIT/FE Exam. A must have for

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working engineers who have been out of the classroom. It provides specific test taking strategies, talks about tips and hints, and is separated into 5 practice exams. The Book is designed specially to teach you how to pass the EIT/FE exam. This book does not waste time on theory or obscure problems- which will only confuse you more, but instead, only contains practical questions and ones that are most likely to appear on the actual exam based on the percentages which are published by NCEES. The Book is based on the all new 2015 computer based testing and includes all new "Other Disciplines (General) Topics: 1) Instrumentation and Data Acquisition 2) Safety, Health, and Environment 3) Gas Dynamics Also included is the EIT FastTrack(tm) Schedule - developed for those short of time and who have been out of school a long time. Review this section to gain the most knowledge in the shortest amount of time for problems that are most likely to appear on the exam. You have the option to pick which practice exams you want to work on, or decide which specific category of problem you want to review. Every question is categorized by topic order which gives you the option to work similar type problems or in random order. If you are considering studying for the EIT exam, this book will teach you how to pass on your first try. Please join our community on our engineering forum on [www.EITFastTrack.com](http://www.EITFastTrack.com) and view the "Problem of the Day".

### **EIT Review Manual**

Over 60 practice problems, plus two 4-hour afternoon

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practice exams, supplement your study regime and help you assess your readiness for the exam. If you are taking the industrial section of the FE exam, Industrial Discipline-Specific Review will give you the focused practice and preparation you need to pass.

Exam Topics Covered

- Engineering Economics
- Probability and Statistics
- Modeling and Computation
- Industrial Management
- Manufacturing and Production
- Systems
- Facilities and Logistics
- Human Factors, Productivity, Ergonomics, and Work Design
- Quality

What's new in the 2nd edition

- One additional practice exam
- Distribution of problems across topics reflects the current NCEES exam specs
- New problems and illustrations to accurately reflect the current NCEES exam specs
- Recategorized problems by current NCEES exam topics

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## **Fundamentals of Electrical Engineering I**

## **Fundamentals of Engineering Numerical Analysis**

## **FE Electrical and Computer Review Manual**

The Most Comprehensive Book for the Computer-

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Based FE Other Disciplines Exam The FE Other Disciplines Review Manual offers complete coverage of FE Other Disciplines exam knowledge areas and the relevant elements—equations, figures, and tables—from the NCEES FE Reference Handbook. With 14 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 succeed on the FE Other Disciplines 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. To augment your review, pair your FE Other Disciplines Review Manual with PPI's FE Other Disciplines Practice Problems book. It contains more than 320 multiple choice problems designed to be solved in three minutes or less. This book follows the FE Other Disciplines Review Manual in chapter sequence, nomenclature, terminology, and methodology, so you can easily find clear explanations of topics where you need more support. Both products are part of PPI's integrated review program available at [feprep.com](http://feprep.com). Entrust your FE exam preparation to PPI and get the power to pass the first time—guaranteed. Topics Covered Chemistry Dynamics Electricity, Power, and Magnetism Engineering Economics Ethics and

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