

Fundamentals Of Engineering Exam Review

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FE Exam Review Myron E. Sveum 2006 Many examinees find the electrical and computer engineering sections of the general FE exam to be most the most challenging. Now, you can get the extra review and practice you need to meet this challenge through a concise review of the electrical and computer topics covered on the general morning and afternoon FE exams. Supplement your electrical and computer engineering knowledge Over 100 multiple-choice problems, with solutions, just like the exam Over 150 solved example problems Over 225 key charts, graphs, tables, and figures Improve your confidence and problem-solving skills _____ Since 1975 more than 2 million people preparing for their engineering, surveying, architecture, LEED®, interior design, and landscape architecture exams have entrusted their exam prep to PPI. For more information, visit us at www.ppi2pass.com. **FE Chemical Practice Exam** Ncees 2017-03

Fe Electrical and Computer Practice Problems Michael R. Lindeburg 2017-04-04 FE Electrical and Computer Practice Problems contains over 450 multiple-choice problems that will reinforce your knowledge of the topics covered on the NCEES Electrical and Computer FE exam. These problems are designed to be solved in three minutes or less to demonstrate the format and difficulty of the exam, and to help you focus on individual engineering concepts.

FE Review Manual Michael R. Lindeburg 2006 The Best-Selling Book for FE Exam Preparation The FE Review Manual gives you the power to pass the FE exam the first time. Designed to prepare you for the general FE exam in the least amount of time, this review manual provides you with a complete and comprehensive review of the topics covered on the FE exam. Diagnostic exams on 13 separate topics help you identify where you need the most review, and the chapters that follow each exam provide the information you need to get up to speed in those areas. Over 1,200 practice problems give you experience in solving exam-like problems, while you can use the realistic 8-hour practice exam to simulate the actual FE exam. Everything You Need to Succeed on the FE/EIT Exam Over 1,200 practice problems, with step-by-step solutions 13 diagnostic exams help you to assess your strengths and weaknesses An 8-hour practice exam, with 180 multiple-choice questions SI units throughout, just like the exam 50 short chapters create manageable study blocks NCEES nomenclature and formulas Sample study schedule Exam tips and advice from recent examinees

Fundamentals of Engineering Examination Review 2001-2002 Edition Donald G. Newnan 2004 Perfect for anyone (students or engineers) preparing for the FE exam; Endorsed by a former Director of Exams from the NCEES Describes exam structure, exam day strategies, exam scoring, and passing rate statistics; All problems in SI units in line with the new exam format Covers all the topics on the FE exam, carefully matching exam structure: Mathematics, Statics, Dynamics, Mechanics of Materials, Fluid Mechanics, Thermodynamics, Electrical Circuits, Materials Engineering, Chemistry, Computers, Ethics, and Engineering Economy; Each chapter is written by an expert in the field, contains a thorough review of the topic as covered on the test, and ends with practice problems and detailed solutions Includes a complete eight-hour sample exam with 120 morning (AM) questions, 60 general afternoon (PM) questions, and complete step-by-step solutions to all problems; 918 problems total: 60% text; 40% problems and solutions **Barron's FE Exam** Masoud Olia 2015-03-01 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 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.

FE Exam Secrets Study Guide 2011*

FE Civil Review Manual Michael R. Lindeburg 2014-02-25 Prepare to pass the computer-based FE Civil exam with PPI's FE Civil Review Manual.

FE Civil Practice Exam Ncees 2017-03

Barron's FE Masoud Olia 2008-03-01 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.

Fundamentals of Engineering Merle C. Potter 1993

Mechanical Discipline-specific Review for the FE/EIT Exam Michel A. Saad 2006-01 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 _____ Since 1975 more than 2 million people preparing for their engineering, surveying, architecture, LEED®, interior design, and landscape architecture exams have entrusted their exam prep to PPI. For more information, visit us at www.ppi2pass.com.

Engineer-in-Training Lloyd M. Polentz 2003-08 Written for the closed book afternoon FE/Mechanical Examination. Each topic is reviewed with example problems. Many end-of-chapter problems with solutions and a complete afternoon sample exam with step-by-step solutions are included. Mechanical Design, Dynamic Systems, Vibrations, Kinematics, Thermodynamics, Heat Transfer, Fluid Mechanics, Stress Analysis, Measurement and Instrumentation, Material Behavior and Processing, Computer and Numerical Methods, Refrigeration & HVAC, Fans, Pumps, and Compressors. A Total of 530 Problems and Solutions.

Fundamentals of Engineering Review Merle Potter 2008 Fundamentals of Engineering Review provides you with a brief review of the topics most likely to appear on the Fundamentals of Engineering (FE) exam. Each chapter was written by a subject matter expert and focuses on the essential material you need to pass your exam. Concise Coverage of FE Exam Topics * Focus on the most important exam topics. * Review example problems and detailed solutions for each major topic. * Practice with exam-like multiple-choice problems. * Use the provided strategies to help plan your FE exam review.

Web-based Interactive Review System for the Fundamentals of Engineering Exam Adrian Melvin Ng 2000

PPI FE Other Disciplines Review Manual eText - 1 Year Michael R. Lindeburg 2014-07-02

Michael R. Lindeburg PE's FE Other Disciplines Review Manual offers complete review for the FE Other Disciplines exam. Topics Covered Chemistry Dynamics Electricity, Power, and Magnetism Engineering Economics Ethics and Professional Practice Fluid Mechanics and Dynamics of Gases and Liquids Heat, Mass, and Energy Transfer Instrumentation and Data Acquisition Materials Science Mathematics and Advanced Engineering Mathematics Probability and Statistics Safety, Health, and Environment Statics Strength of Materials Key Features: Complete coverage of all exam knowledge areas. Updated equations, figures, and tables for version 9.4 of the NCEES FE Reference Handbook to familiarize you with the reference you'll use 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. Binding: Paperback Publisher: PPI, A Kaplan Company

FE Chemical Review Manual Michael R. Lindeburg 2016-05-05 *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. * 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.

Study Guide for Fundamentals of Engineering (FE) Electrical and Computer CBT Exam Wasim Asghar 2018-02-18 'Practice makes perfect' is as applicable to passing FE Exam as it is to anything else. This is the "Second Edition" of study guide and it is also centered on the idea of 'problem-based learning'. It contains over 500 focused problems with detailed solutions including Alternative-Item Types. It covers all sections of NCEES(r) FE Electrical and Computer exam specification including: Mathematics - Probability and Statistics - Ethics and Professional Practice - Engineering Economics - Properties of Electrical Materials - Engineering Sciences - Circuit Analysis - Linear Systems Signal Processing - Electronics - Power - Electromagnetics - Control Systems - Communications Computer Networks - Digital Systems - Computer Systems - Software Development. This study guide is specially designed to assist students in developing familiarity with NCEES(r) 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.

FE/EIT Sample Examinations Michael R. Lindeburg 1999 Designed to prepare you for the FE exam, "FE/EIT Sample Examinations" simulates the actual FE exam in every aspect, from the format and level of difficulty to the number of problems and the distribution of problems across exam topics. The most realistic practice for the FE exam 2 complete sample exams 120 morning and 60 general afternoon problems on each exam Multiple-choice format, just like the exam, with solutions Increase your comfort level of solving problems in SI units Mentally prepare for the pressure of working under timed conditions

Fundamentals of Engineering Donald G. Newnan 2002 Everything you need to pass the test! From the only review book completely up-to-date with the 2001-2002 FE exam · Published annually and revised for the current closed-book exam format · Perfect for anyone (students or engineers) preparing for the FE exam · Endorsed by a former Director of Exams from the NCEES · Describes exam structure, exam day strategies, exam scoring, and passing rate statistics · All problems in SI units in line with the new exam format · Covers all the topics on the FE exam, carefully matching exam structure: Mathematics, Statics, Dynamics, Mechanics of Materials, Fluid Mechanics, Thermodynamics, Electrical Circuits, Materials Engineering, Chemistry, Computers, Ethics, and Engineering Economy · Each chapter is written by an expert in the field, contains a thorough review of the topic as covered on the test, and ends with practice problems and detailed solutions · Includes a complete eight-hour sample exam with 120 morning (AM) questions, 60 general afternoon (PM) questions, and complete step-by-step solutions to all problems · 918 problems total: 60% text; 40% problems and solutions Other Study Resources Available from Oxford University Press For the Afternoon Discipline-Specific FE Exams EIT Civil Review, Second Edition, edited by Donald G. Newnan, P.E. (1-57645-013-9) EIT Mechanical Review, Second Edition, by Lloyd M. Polentz, P.E., and Jerry Hamelink, P.E. (1-57645-039-2) EIT Electrical Review by Lincoln D. Jones, P.E. (1-57645-006-6) EIT Chemical Review, Second Edition, by Dilip K. Das, P.E., and Rajaram K. Prabhudesai, P.E. (1-57645-023-6) EIT Industrial Review, Second Edition, by Donovan Young, P.E. (1-57645-031-7) For Extra Practice Problems Allan's Circuits Problems by Allan D. Kraus (0-19-514248-9) KC's Problems and Solutions for Microelectronic Circuits, Fourth Edition, by Adel S. Sedra and K. C. Smith (0-19-511771-9) For an Introduction to MATLAB® Getting Started with MATLAB 5: A Quick Introduction for Scientists and Engineers by Rudra Pratap (0-19-512947-4) Getting Started with MATLAB 6: A Quick Introduction for Scientists and Engineers by Rudra Pratap (0-19-515014-7) For Background on the Engineering Profession Fundamentals of Ethics for Scientists and Engineers by Edmund G. Seebauer and Robert L. Barry (0-19-513488-5) Engineers and Their Profession, Fifth Edition, by John D. Kemper and Billy R. Sanders (0-19-512057-4) Being Successful as an Engineer by W. H. Roadstrum (0-910554-24-2) Money Back Guarantee--Pass the FE test or get your money back. For more information and a complete list of FE and PE Exam review books available from Engineering Press at Oxford University Press, visit www.oup-usa.org/engineeringpress.

Industrial Discipline-specific Review for the FE/EIT Exam 1998 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 Discipline-Specific Reviews are used to study for the afternoon DS exams. **PPI FE Review Manual: Rapid Preparation for the Fundamentals of Engineering Exam, 3rd Edition eText - 1 Year** Michael R. Lindeburg 2010-10-21 Michael R. Lindeburg PE's FE Review Manual, 3rd Edition FE Review Manual offers a complete review for the FE exam. This book is part of a comprehensive learning management system designed to help you pass the FE exam the first time. This book includes: equations, figures, and tables from the NCEES FE Reference Handbook to familiarize you with the reference you'll have on exam day 13 diagnostic exams to assess your grasp of knowledge areas covered in each chapter concise explanations supported by exam-like example problems, with step-by-step solutions to reinforce the theory and application of fundamental concepts access to a fully customizable study schedule to keep your studies on track a robust index with thousands of terms to facilitate referencing 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

Eit Industrial Review Donovan Young 2003-09-18 This guide is written for the afternoon FE/EIT Industrial Exam and reviews each topic with numerous example problems and complete step-by-step solutions. End-of-chapter problems with solutions and a complete sample exam with solutions are provided. Topics covered: Production Planning and Scheduling; Engineering Economics; Engineering Statistics; Statistical Quality Control; Manufacturing Processes; Mathematical Optimization and Modeling; Simulation; Facility Design and Location; Work Performance and Methods; Manufacturing Systems Design; Industrial Ergonomics; Industrial Cost Analysis; Material Handling System Design; Total Quality Management; Computer Computations and Modeling; Queuing Theory and Modeling; Design of Industrial Experiments; Industrial Management; Information System Design; Productivity Measurement and Management. 101 problems with complete solutions; SI Units.

FE Electrical and Computer Review Manual Michael R. Lindeburg 2015 Prepare to pass the computer-based FE Electrical and Computer exam with PPI's FE Electrical and Computer Review Manual.

FE Review Manual Michael R. Lindeburg 2011 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 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 _____ Since 1975, more than 2 million people preparing for their engineering, surveying, architecture, LEED®, interior design, and landscape architecture exams have entrusted their exam prep to PPI. For more information, visit us at www.ppi2pass.com.

E-I-T Review Virgil Moring Faires 1987

Mechanical Engineering Review Manual Michael R. Lindeburg 1984

Fundamentals of Seismic Analysis and Design of Buildings Ahmed M. M. Ibrahim 2017-01-01 a comprehensive introduction to the seismic principles essential for the design of building structures. The book offers a concise but thorough review of seismic theory, code application, design principles, and structural analysis. The book is an ideal review for candidates studying for the California Civil P.E Seismic Principles Exam and the seismic portion of the National Civil P.E 8hrs exam. Updated for 2015 IBC and ASCE 7-10.

FE Civil Practice Problems for the Civil Fundamentals of Engineering Exam Michael R. Lindeburg 2014-02-25 Complement your "FE Civil Review Manual" study with these discipline-specific practice problems.

EIT Review Manual Michael R. Lindeburg 1997-06 The ideal refresher for those still in school or recently graduated, or for those who have limited time to study, this guide covers all the general FE/EIT exam subjects. Each chapter provides a definition of terms and a concise discussion of concepts. In addition, there are 900+ practice problems and a complete eight-hour practice exam. Solutions to both the practice problems and the practice exam are included.

FE Civil Review Michael R. Lindeburg 2017 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 Exam Review Guide School of PE 2020-07-31

Quick Reference for the Civil Engineering PE Exam Michael R. Lindeburg 2002 Of all the PE exams, more people take the civil than any other discipline. The eight-hour, open-book, multiple-choice exam is given every April and October. The exam format is breadth-and-depth -- all examinees are tested on the breadth of civil engineering in the morning session; in the afternoon, they select one of five specialties to be tested on in-depth. Our civil PE books are current with the exam; they reflect the new format, and they reference all the same codes used on the exam. Quick Reference, which facilitates finding formulas during the exam; and subject-specific reviews on the complex areas of bridge and timber design. -- Organizes all important formulas for fast access during the exam -- Corresponds to topics in the Civil Engineering Reference Manual, 8th ed.

FE Mechanical Practice Problems Michael R. Lindeburg 2014 *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. * 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

Eit Electrical Review Lincoln D. Jones 2003-09-18 Written for the afternoon FE/EIT Electrical Exam,

this volume reviews each topic with numerous example problems and complete step-by-step solutions. Each chapter includes end-of-chapter problems with solutions; a complete sample exam with solutions is also provided. Topics covered: Digital Systems; Analog Electronic Circuits; Electromagnetic Theory and Applications; Network Analysis; Control Systems Theory and Analysis; Solid State Electronics and Devices; Communications Theory; Signal Processing; Power Systems; Hardware Engineering; Software Engineering; Instrumentation; and Computer and Numerical Methods. 141 problems with complete solutions; SI Units.

FE Exam Review for Mechanical Engineering Timothy Kennedy 2018-04-10 This book provides a quick review for engineers and engineering students preparing for the Fundamentals of Engineering exam in Mechanical Engineering. The following topics are covered: Mathematics, Statistics, Computer Applications, Electrical Circuits, Statics, Mechanics of Materials, Dynamics, Systems and Controls, Materials, Machine Design, Thermodynamics, Fluid Mechanics, Heat Transfer, and Engineering Economics.

Industrial Engineering FE/EIT Exam Prep Donovan Young 2007-12-15 Written specifically for the afternoon portion of the FE exam, Industrial Engineering - FE/EIT Exam Prep reviews each industrial engineering topic with example problems. Students will also want to purchase Fundamentals of Engineering: FE/ EIT Exam Preparation, 18th Edition for the morning portion of the exam. Features: 102 problems with step-by-step solutions Complete four-hour practice exam Contains conventional English and SI units Cross referenced to the NCEES Fundamentals of Engineering Supplied Reference Handbook, 8th Edition for ease of review

Chapman & Hall's Complete Fundamentals of Engineering Exam Review Workbook Professional Engineer Review Course 2013-06-29 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.

FE Review Manual Michael R. Lindeburg 2000 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 -- 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

FE Other Disciplines Review Manual Michael R. Lindeburg 2014 The Most Comprehensive Book for the Computer-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. 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 Professional Practice Fluid Mechanics and Dynamics of Gases and Liquids Heat, Mass, and Energy Transfer Instrumentation and Data Acquisition Materials Science Mathematics and Advanced Engineering Mathematics Probability and Statistics Safety, Health, and Environment Statics Strength of Materials Additional Products and Support at feprep.com FE Other Disciplines Review Manual web book: the online version of this book offers full-text searching, note-taking, and bookmarking capabilities, and integrated interactive diagnostic exam problems with automatic scoring FE Other Disciplines Practice Problems: problems covering critical exam topics, with step-by-step solutions; the online version provides automatic scoring and comparative reporting FE Other Disciplines Assessments: online problems to evaluate your familiarity with exam topics, with automatic scoring and comparative reporting FE Other Disciplines Flashcards: online flashcards for quick, on-the-go review FE Review Programs: online programs providing structure and personal feedback as you prepare for the FE exam Study Schedule: an online, customizable study schedule with targeted reading and homework assignments