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Exam

Rapid Preparation For The General Fundamentals Of Engineering Exam

For speedy access to the formulas you'll need during the exam, use the Quick Reference for the Mechanical Engineering PE Exam. This material, drawn from the Mechanical Engineering Reference Manual, is organized by topic and indexed for rapid retrieval.

NEW EDITION PE Civil Quick Reference consolidates the most valuable and commonly

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used equations, figures, and tables from the PE Civil Reference Manual. Maximize your problem-solving efficiency and save time during the exam by having the most useful equations and data at your fingertips. This book's extensive index quickly directs you to desired equations, figures, and tables. Find what you need without wading through paragraphs of descriptive text or solved problems. The Quick Reference is organized according to the companion PE Civil Reference Manual -- the

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two share chapter and section numbers -- so you can easily access related supplemental material.

As the most comprehensive reference and study guide available for engineers preparing for the breadth-and-depth civil PE examination, the tenth edition of the Civil Engineering Reference Manual provides a concentrated review of the exam topics.

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

Here's a wide-ranging

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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. _____

Since 1975 more than 2 million people preparing for their engineering, surveying, architecture, LEED, interior design,

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and landscape architecture exams have entrusted their exam prep to PPI. For more information, visit us at www.ppi2pass.com.

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

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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

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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 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

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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.

[FE/EIT Sample Examinations](#)

[Seismic Design of Building Structures](#)

[Quick Reference for the](#)

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Civil Engineering _____
Reference Manual for the _____
PE Exam
Rapid Preparation for the _____
General Fundamentals of _____
Engineering Exam _____
Pe Civil Quick Reference _____
FE Review Manual _____
A Design Professional's _____
Introduction _____
Rapid Preparation for the _____
General Fundamentals of _____
Engineering Exam, Current _____
for the 1996-1997 Exam _____
Engineering Economic _____
Analysis _____

Of all the PE exams, more
people take the civil than

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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;

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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.

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

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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
Best-selling book for the
general FE/EIT exam,
providing a full review of
topics, 1100+ problems,
complete practice exam.
Solutions included.
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guarantee: Pass the test or get your money back from the publisher.

More than 430 practice problems with solutions. Updated with new codes and standards tested on the exam.

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

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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

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power to pass the first
time—guaranteed—or we'll
refund your purchase
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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,

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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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This manual fully prepares applicants for the civil PE exam--by far the most popular of the PE disciplines. Every exam subject is thoroughly covered, with illustrations and practice problems to heighten the reader's understanding. Also included are test-taking strategies and exam information., indexed. This pocket revision guide is a must for all medical students preparing for a major exam in clinical

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surgery or needing a rapid reminder during a clinical attachment. Rapid Surgery is the sixth title in the new Rapid series and is the ideal companion for medical students and junior doctors, covering key facts in a simple and memorable fashion, using a mnemonic to aid recall. The text contains over 100 common surgical conditions and over 30 practical surgical procedures. The book contains over 35 illustrations and radiographs of numerous conditions to help aid in consolidating memory.

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Arranged in A-Z format,
each topic is covered
using the same headings -
Definition, Aetiology,
Associations / Risk
Factors, Epidemiology,
History, Examination,
Pathology, Investigations,
Management, Complications
and Prognosis. The
surgical procedures are
divided using the headings
- Indication, Anatomy,
Preoperative
Investigations, Procedure,
Complications and
Prognosis. A-Z format for
easy and rapid access to
information Strict
organisation of facts on

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each page following the
new Rapid series mnemonic
with one side set aside
for each condition

Includes drawings to help
vizualise difficult

concepts Handy pocketbook

for quick reference in a
surgical setting Written

by students and junior
doctors with expert

editorial advice Rapid

Surgery is authored by a

team of students and

junior doctors from the

Royal Free and University
Medical School, London.

[Quick Reference for the
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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

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Transfer Material Properties and
Processing Mathematics Materials
Measurement, Instrumentation, and
Controls Mechanical Design and
Analysis Mechanics of Materials
Probability and Statistics Statics
Thermodynamics Important notice! It
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books have missing material as well
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Complement your "FE Civil Review Manual" study with these discipline-specific practice problems.

This is the first all-inclusive Fundamentals of Engineering (FE/EIT) review developed by bestselling author Michael Lindeburg. It addresses the 10 major subjects covered on the exam. Each chapter provides a definition of terms and concise discussion of the key subjects and concepts. Includes a complete eight-hour sample exam.

This professional reference provides mathematical models and formulas you need to make investment decisions and manage cash flow. It is an excellent resource for understanding economic issues that appear frequently in FE and PE exam problems. Topics Covered The

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Meaning of Present Worth Income Tax
Considerations Simple and Compound
Interest Accounting Cost and Expense
Terms Extracting the Rate of Return
Ranking Mutually Exclusive Projects
Consumer Loans Capitalization Costs
versus Expenses Forecasting
Depreciation Methods

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Michael R. Lindeburg PE's FE

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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

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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. 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

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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.

Fire and Explosion Protection Systems will quickly bring you up to speed on the codes, standards, and procedures relevant to fire protection systems. It covers what you need to know, including nomenclature, formulas, and excerpts from National Fire Protection Association publications. Ten practice problems with solutions are provided.

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[Fundamentals Problems](#)
[A Companion to the Environmental
Engineering Reference Manual](#)

The environmental PE exam is growing in popularity, as more engineers seek licensing in this discipline. This eight-hour, open-book exam, offered every April and October, consists of 80 multiple-choice problems. Our Environmental Engineering Reference Manual is the core text examinees need to prepare for and use during the exam. It reviews the current exam topics clearly and concisely and is replete with examples and practice problems reinforcing important concepts. Complete solutions to these problems are found in the Practice Problems book, which examinees can use to learn or refresh solving skills. -- Step-by-step solutions to all the practice problems in the Environmental Engineering Reference Manual

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Written by bestselling author Michael R. Lindeburg, this all-inclusive FE/EIT review focuses on what is essential to prepare successfully for the exam. It addresses the 12 major subjects covered on the exam. Each chapter provides a definition of terms and concepts. In addition, there are 900+ FE-style practice problems and a complete eight-hour sample exam., indexed.

The SI Solutions Manual contains solutions to all 980+ practice problems in the Engineer-In-Training Reference Manual. Because you must solve nearly all the quantitative problems on the exam using SI (metric) units, getting comfortable working with SI units is crucial.

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landscape architecture exams have entrusted their exam prep to PPI. For more information, visit us at www.ppi2pass.com.

The best-selling review book for the general Fundamentals of Engineering (FE/EIT) exam. New to this edition are coverage of new subjects within selected topic areas -- following the official exam hand-out -- and more practice problems. Every exam topic is reviewed, and there are more than 1100 problems and a realistic 8-hour practice exam. Solutions to all problems and the practice exam are included. The EIT Review Manual features a money-back guarantee from the publisher.

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

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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

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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

As the most comprehensive reference and study guide available for engineers preparing for the breadth-and-depth mechanical PE examination, the twelfth edition of the Mechanical Engineering Reference Manual provides a concentrated review of the exam topics. Thousands of important equations and methods are shown and explained throughout the Reference Manual, plus hundreds of examples with detailed solutions demonstrate how to use these equations to correctly solve problems on the mechanical PE exam. Dozens of key charts, tables, and graphs, including

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updated steam tables and two new charts of LMTD heat exchanger correction factors, make it possible to work most exam problems using the Reference Manual alone. A complete, easy-to-use index saves you valuable time during the exam as it helps you quickly locate important information needed to solve problems.

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[SI Units](#)

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Fundamentals of Engineering Exam](#)

[Rapid Preparation for the Civil
Fundamentals of Engineering Exam](#)

[FE Civil Practice Problems for the Civil
Fundamentals of Engineering Exam](#)

All formulas, equations, tables, and data you are most likely to require during the exam are drawn from the Chemical Engineering Reference Manual, organized by topic, and indexed for speedy retrieval.

The Most Comprehensive Book for the Computer-Based FE Other Disciplines Exam The

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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

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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

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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

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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
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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

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scoring FE Other Disciplines
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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
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customizable study schedule
with targeted reading and
homework assignments

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FE Other Disciplines

Practice Problems offers
comprehensive practice for
the NCEES Other Disciplines
FE exam. This book is part
of a comprehensive learning
management system designed
to help you pass the FE exam
the first time. FE Other

Disciplines Practice

Problems features include:
over 320 three-minute,
multiple-choice, exam-like

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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 Chemistry Dynamics Electricity, Power, and Magnetism Engineering Economics Ethics and Professional Practice Fluid Mechanics and Dynamics of Gases and Liquids Heat,

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Mass, and Energy Transfer
Instrumentation and Data
Acquisition Materials
Science Mathematics and
Advanced Engineering
Mathematics Statics Strength
of Materials Probability and
Statistics Safety, Health,
and Environment

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

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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. 101 Solved Problems, for extra problem-solving practice. --

Practice problems in essay format cover a wide range of breadth-and-depth exam topics -- Includes full solutions

Seismic Design of Building Structures provides a comprehensive introduction to core seismic concepts and principles, and offers essential background information for seismic problems on the California Special Civil Seismic

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Examination as well as other professional licensing exams. With thorough coverage of seismic building codes including the 2006 International Building Code (IBC), this book prepares you for conceptual and technical questions on structural analysis and code issues by giving you an understanding of earthquakes and their effects.

Comprehensive introduction to seismic design Over 30 example problems and 120 practice problems with step-by-step solutions A thorough review of Seismic Building Codes Easy-to-use formulas, figures, and tables Detailed illustrations and

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definitions of seismic
terminology Perfect for the
California Special Civil
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Civil PE Examination NCEES
Structural PE Examinations
Architect Registration
Examination (ARE) Topics
Covered Include Basic
Seismology Diaphragm Theory
Earthquake Characteristics
Effects of Earthquakes on
Structures General
Structural Design Response
of Structures Seismic
Building Codes Seismic-
Resistant Concrete
Structures Seismic-Resistant
Masonry Structures Seismic-
Resistant Steel Structures
Seismic-Resistant Wood
Structures Special Design

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Features Tilt-Up

Construction Vibration
Theory

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These 101 problems, in essay
format, are substantially
more challenging than those
you'll find on the PE exam -
offering a great way to hone
your solving skills. Here's
what one of our customers
writes: "Don't let the
(multiple-choice) exam
format dictate how you
prepare. Working longer,
more detailed problems is

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always good, because this allows for more thorough comprehension. Then, when you get a less complex problem on the exam, with some process-simplifying 'givens, ' you'll know exactly where they fit into the overall problem."

Problems are grouped by topic to facilitate your review. Complete step-by-step solutions are provided. 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

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equations, and hundreds of figures and tables, the FE Civil Review contains everything you need to successfully prepare for the Civil FE exam.

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