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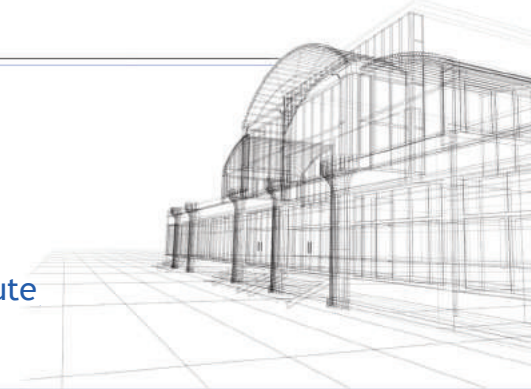


NATIONAL SOCIETY OF
PROFESSIONAL ENGINEERS

Pass your FE Civil and PE licensing exams with

P.E. Readiness®

A distance learning program developed by the MGI Management Institute



FULLY UPDATED FOR 2017!

IN YOUR OWN HOME, AT YOUR OWN PACE

With one-on-one guidance from your personal instructor/partner.

NEW! Construction topic covered in the Civil Engineering course

- CIVIL
- ELECTRICAL – POWER
- MECHANICAL
- CHEMICAL
- F.E. – CIVIL

The **ONLY** course with these 2 unique features*:

1. 30 day review period
2. 100% money-back guarantee if you don't pass

*See details inside

Special Offer Through the
National Society of Professional Engineers



NATIONAL SOCIETY OF
PROFESSIONAL ENGINEERS



P.E. Readiness®...

Maximum preparation for the P.E. exam... minimum effort for you

Since preparing for a P.E. licensing exam requires effort, a carefully designed preparation program can greatly reduce the amount of effort required. P.E. Readiness is a series of five P.E. Exam review courses (FE-Civil, Electrical-Power, Mechanical, Civil, and Chemical Engineering) developed by the MGI Management Institute, a division of SmartPros Ltd. Each course is specifically designed to give you the maximum possible benefit in preparing for your particular exam with the minimum effort on your part.

Here's how:

Select the P.E. Readiness courses you want – FE-Civil, Electrical-Power, Civil, Mechanical or Chemical. Then we'll send you the appropriate course materials, consisting of three major components (Chemical contains two volumes):

- Your P.E. exam preparation loose-leaf manual, P.E. Readiness Master Schedule, and mini-exam sets (depending on the course you select)
- Your comprehensive P.E. Review and Solutions Manual
- Your P.E. final practice exam

Minimal review - tailored to your needs

Each P.E. Readiness course helps reduce the effort you need to prepare for the exam by:

- Concentrating on the easier problems which are likely to appear on the exam
- Focusing on probabilities – emphasizing areas where multiple problems are likely to appear
- Structuring your preparation schedule to make maximum use of your existing knowledge and areas of experience

Your P.E. Readiness® Mini-Exams - realistic practice under simulated exam conditions

After you've successfully reviewed the problems associated with a given topic, you're ready for the mini-exam, a group of realistic exam-type problems for you to solve. You'll send your answer sheet and worksheets to your personal instructor/partner at the MGI Analysis Center for grading and helpful comment. (P.E. Readiness is conducted for NSPE by the MGI Management Institute, a division of SmartPros of Hawthorne, NY.)

Your personal instructor/partner and a Toll-Free 800 number - help when you need it

Your work will be carefully graded by your instructor/partner at MGI and you'll receive personal explanatory comments and/or sample solutions wherever they're needed. In addition, if you have any difficulty with any aspect of your course material, just call our Toll-Free 800 number or write to your instructor/partner. You'll receive a prompt callback or an equally prompt detailed written reply. If personal contact is needed with an instructor to ask questions and receive feedback, you may do so by fax, phone or email.

A final tune-up - your practice P.E. Exam

The final component of your P.E. Readiness course is your Practice P.E. examination, similar in all respects to the actual P.E. exam you'll be taking. As a final "fine tune-up," we suggest that you complete this exam no later than three weeks before your licensing exam.

Time required

Each P.E. Readiness course contains eight to ten subject areas to prepare you for the exam you've chosen to take. Depending on your background, experience, and recollection of college training, you can complete each subject area in anywhere from 2 to 8 hours. Ideally you'll do so at a one-topic-per-week rate, but you can work more rapidly if time is short.

P. E. Readiness® - everything you need

This, then, is your P.E. Readiness Program – comprehensive review material, mini-exams, final practice exam, and all the help you'll need from your personal instructor/partner. P.E. Readiness is the finest, most comprehensive, and most cost effective P.E. exam preparation program anywhere. To prove it to you, we'll send you the complete course material for a 30 day review period.

All this and an exam-passing Money-Back Guarantee!

See back panel for details and enrollment information.

Course Content - Regularly Updated

The topic areas covered by the course material, sample problems, and mini-exams for each of the five P.E. Readiness® courses are listed below. The course contents are regularly updated to reflect the most recent exam changes.

Course No. 60 FE-Civil Exam

Over 550 sample problems with detailed solutions, practice mini-exams, and a full practice final exam.

Major topics covered:

Math, Probability, Statistics; Computation Tools, Ethics & Professional Practice & Engineering Economics; Statics & Dynamics; Mechanics of Materials & Materials; Fluid Mechanics, Hydraulics & Hydrologic Systems; Structural Analysis & Design; Geotechnical Engineering; Transportation Engineering; Environmental Engineering; and Construction & Surveying.

Course No. 61 Electrical Engineering-Power

Review instruction material, sample problems and detailed solutions, practice mini-exams, and a full practice final exam.

Major topic headings:

Measurement and Instrumentation
Codes and Engineering Economic Theory
Special Applications
Rotating Machines and Electromagnetic Devices
Circuit Analysis and Circuit Components
Transmission and Distribution Analysis & Performance

Including coverage of:

Meters, KVA and KVAR, AC and DC motors and generators, per unit analysis, illumination engineering, transformer analysis, theory of long lines, short circuit calculation, and much more.

Course No. 62 Civil Engineering

Review instruction material, sample problems and detailed solutions, practice mini-exams, and a full practice final exam.

Major topic headings:

Construction
Geotechnical
Structural
Transportation
Water Resources and Environmental

Including coverage of:

Open channel flow, hydrology, water/waste water treatment, temporary earth structures, foundations/retaining walls, statics, mechanics of materials, determinate structures, indeterminate structures, reinforced/prestressed concrete design, steel/timber design, traffic analysis, highway design, earthwork, construction layout, estimating quantities/costs, scheduling, temporary structures, safety, material control/production, and much more.



Course No. 63 Mechanical Engineering

Review instruction material, sample problems and detailed solutions, practice mini-exams, and a full practice final exam.

Major topic headings:

Mechanical Design
Control Systems Management
Thermal and Fluid Processes
Energy Systems

Including coverage of:

Thermodynamics, structured design, kinematics and dynamics, heat transfer, HVAC/R, engines, machine design, strength of materials, hydraulics/pneumatics, stress analysis, vibrations, and much more.

Course No. 64 Chemical Engineering

Review instruction material, sample problems and solutions, and practice problems to be sent in for review and comment.

Major topic headings:

Mass and Energy Balances
Heat Transfer
Fluid Mechanics
Kinetics and Reactor Design
Thermodynamics
Separations and Mass Transfer

Including coverage of:

Dimensional analysis, systems or control volumes, steady state, Bernoulli equation, compressible flow, centrifugal pumps, fluid metering, basic thermodynamic properties, gases, reaction, formulation and combustion, power cycles and refrigeration, condensers and evaporators, chemical reactions, distillation, extraction, absorption, and much more.

Enrollment Information:

One low enrollment fee... and no other costs

P. E. Readiness® and F.E. (each course)

Member \$511.00*

Non-Member \$536.00*

* Includes S&H of \$12 for UPS Ground.

S&H to Alaska, Hawaii, and Puerto Rico is \$30 in addition to the rate. Residents of NY, WA, CA, IL, TX, and MI please add applicable sales tax.

Your one low price includes all course material, review and detailed comment on all of your P.E. mini-exams, along with personal response to every question you have. And remember, with MGI's P.E. Readiness®, that's all it costs. You do not incur any travel costs or time away from work. Maximize your study and preparation with the MGI Management Institute!

TO ORDER:

1. By Phone: 1-800-476-4582
2. Enrollment form. WWW.PEREVIEWCOURSE.COM

Our Guarantee to You

30 DAY REVIEW PERIOD – Examine the course material for 30 days. If it's not exactly what you expected, simply return all material unused and we'll promptly refund your full course enrollment fee* or cancel your invoice.

*Less shipping and handling.

MGI Exam Pass Guarantee – All you need to do is complete and pass 80% of the mini-exams and take the P.E. or F.E. Exam within one year of enrollment in P.E. Readiness®. If you do not pass the exam, we'll refund your full course enrollment fee.

CONDUCTED FOR NSPE BY... The MGI Management Institute, a leader in continuing education for the professions. Its courses are currently bringing success benefits to thousands of members of business and professional associations all over the western world. Twenty-two professional societies... with a total of nearly one million members, and the Continuing Education Departments of major universities recommend and offer MGI's Professional Reference Programs.

