



**National Society of
Professional Engineers®**

P.E. READINESS:®

Let NSPE help you prepare for your P.E. exam

In your own home, at your own pace
With one-on-one guidance from your personal instructor/partner.

- Civil
- Electrical
- Mechanical
- Chemical
- F.E. (EIT)

The ONLY course with these 2 unique features:
1. Toll free 800 number if you have any questions
2. 100% money-back guarantee if you don't pass*

*See details inside

P.E. READINESS...

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

Preparing for a P.E. licensing exam requires effort – unquestionably – but 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(EIT), Civil, Electrical, Mechanical and Chemical Engineering – each of which is specifically designed to give you the maximum possible benefit in preparing for the particular exam you plan to take, with the minimum effort on your part. **Here's how:**

You'll begin by selecting the *P.E. Readiness* courses you want – FE (EIT), Electrical, Mechanical or Chemical.

Then we'll send you the appropriate course materials, consisting of three major components (Chemical comes in 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 takes full advantage of every element in your favor to help reduce the effort you need to prepare for the exam. **These elements include:**

- 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

When you've successfully completed the problems associated with a given topic, you're ready for the mini-exam. These are a group of realistic exam-type problems from which you'll select those you want to do. You'll send your answers and your worksheets to your personal instructor/partner at the MGI Analysis Center for review and helpful comment. (*P.E. Readiness* is conducted for NSPE by the MGI Management Institute, White Plains, New York.)

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

Your work will be carefully checked and reviewed by your instructor/partner at MGI, and you'll receive personal explanatory comments 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.

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 final exam.

Time required

Each *P.E. Readiness* course contains eight to fourteen subject areas and prepares you for the exam which you have 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 without advance payment on a 30-day Free Trial basis.

All this and an exam-passing Money-Back Guarantee. See back panel for details and enrollment information.

Get more information at www.pelicense.org

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 (EIT) EXAM

Over 1200 pages of instruction, sample problems and solutions, practice mini-exams, and full practice final exam.

Major topics covered:

Basic and Applied Mathematics, Thermodynamics, Chemistry, Electricity and Electrical Circuits, Fluid Mechanics/Hydraulics, Material Science and Structure of Matter, Statics, Dynamics, Engineering Mechanics/ Mechanics of Materials, Engineering Economics, Ethics.

COURSE NO. 61 ELECTRICAL ENGINEERING

Over 700 pages of instruction, sample problems and solutions, practice mini-exams, and a full practice final exam.

Major topic headings:

Meters, Meshes and Bridges	KVA, KVAR and Safety
Transients	Transformers
Generators and Motors	Polyphase Systems
Power	Electronics

Including coverage of:

Transmission and distribution systems, rotating machines, control systems, transistors and amplifiers, instrumentation, communication systems, biomedical systems, and much more.

COURSE NO. 62 CIVIL ENGINEERING

Over 700 pages of instruction, sample problems and solutions, practice mini-exams, and a full practice final exam.

Major topic headings:

Transportation	Sanitation
Structural Engineering (Steel and Timber)	Hydraulics
Structural Engineering (Reinforced Concrete)	Soils/Soil Mechanics

Including coverage of:

Open channel flow, hydrology, water and waste water chemistry/ biology, temporary earth structures, foundations and retaining walls, statics-determinate structures, mechanics of materials, indeterminate structures, reinforced and prestressed concrete design, steel and timber design, traffic analysis and highway design, and much more.



COURSE NO. 63 MECHANICAL ENGINEERING

Over 600 pages of instruction, sample problems and 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

Over 350 pages of instruction, 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:

A special discount price... save a full \$55

The member list price for each of the *P.E. Readiness* courses is \$424.95*. However, NSPE is pleased to offer you a full \$55 discount for prepayment, so that, as shown below, your special discount price for any one of the *P. E. Readiness* courses is only \$369.95*.

One low enrollment fee... and no other costs

P. E. Readiness (each course)

Member \$424.95* (Prepaid \$369.95)*

Non-Member \$454.95* (Prepaid \$399.95)*

*All prices include \$9.95 shipping and handling. Alaska, Hawaii, Puerto Rico, and Canada \$30 additional.

Your one low price includes all course material, review and detailed comment on all your P.E. mini-exams, and personal response to every question you have. And remember, that's all it costs... no time away from work, no travel, no other costs of any kind.

Send for your free trial today

Use the Enrollment Form or write to:

NSPE Professional Reference Programs
Suite 308W, 701 Westchester Avenue
White Plains, New York 10604



Toll Free Telephone Enrollment

Just call: 1-800-932-0191 or Fax: 914-428-0773

OUR GUARANTEE TO YOU:

30 Day Free Trial and Money Back If You Don't Pass the Exam

30 DAY FREE TRIAL – Examine the course entirely at our risk 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.

FULL MONEY BACK IF YOU DON'T PASS THE EXAM – All you need to do, is complete and pass 80% of the mini-exams and take your P.E. Exam within one year of your 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 which is 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.



Free Trial Enrollment Form

To: NSPE Professional Reference Programs
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White Plains, NY 10604

Please enroll me in the courses(s) shown at the right and send all materials at once. My payment or credit card charge or purchase order is enclosed as shown at right.

I understand this includes all course material, processing of all my Skill Development Exercises, and personal response to all questions I send in.

I also understand that if I'm not completely satisfied with the material, I may return it, unused, within 30 days for a full and immediate refund. Furthermore, subject to the terms described in the guarantees, I will receive a full refund of my enrollment fee if I do not pass the P.E. Exam.



Toll Free Telephone Order

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Fax: 914-428-0773

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Course No. 62 CE Price \$ _____

Course No. 63 ME Price \$ _____

Course No. 64 Chemical Price \$ _____

Total Price \$ _____

**Purchase orders without accompanying prepayment will be billed at list price.

Purchase Information

Check enclosed (payable to NSPE) Purchase order enclosed**

Charge the above amount to my credit card as shown below:

American Express VISA MasterCard

Account No. _____ Expiration Date _____

Signature _____

WITH HELP FROM YOUR INSTRUCTOR/PARTNER

Just What I Needed!

I took the MGI P.E. Readiness course in preparation for the P.E. Mechanical Examination. I passed the exam with a score of 83 percent. I found the materials well organized and extremely helpful. I also appreciate the grader's personal input at times when the solutions to problems seemed impossible. I would strongly recommend the MGI program for professionals preparing for the P.E. Examination.

Ramesh Kannan, P.E.
Florham Park, NJ

A Sense of Confidence, and An Instructor's Extra Effort

I took the MGI correspondence course in Civil Engineering in preparation for the Principles and Practice Exam. I passed the test and I am writing this note of thanks for the help MGI provided me in preparing for it. The correspondence method provided the flexibility I needed as I was carrying a full load at work.

I want to especially thank my grader. I did well in the MGI graded exams that I completed and this gave me a sense of confidence that I could carry into the real examination. Just as important, where I erred in the MGI exams, the grader's review comments were clear, concise, and helpful. I also appreciated the grader's extra effort to review and provide me with feedback and comment up to the night before the Principles And Practice Exam, as I had sent in my last MGI exam by fax only a few days before. (I do not recommend turning in the MGI exam so late, but I sure appreciated the extra effort he and MGI put out to help me!)

This was my first try at the Principles And Practice Exam, and it was a hard test. I was very pleased, relieved, and thankful to receive word that I made a passing score.

Arthur Lee, P.E.
Houston, TX

Gave Me A Good Cross Section of the Exam

I have found your course very helpful. The practice problems, mini-exams and practice exam have provided me with a good cross section of that which appears on the Principles And Practice Exam. I will let MGI know how I have performed on that exam in four months.

Ray Dusseault
Cranston, RI

Thanks MGI!

I want to thank you, MGI, and in particular Bob Salamon, for assisting me in passing the Fundamentals of Engineering Exam. After graduating from college, I spent five years in the Marine Corps as an infantry officer. Several people thought it would be impossible, after a five-year absence from engineering, to pass the FE exam. We proved them wrong.

I still need two years experience before I take the Principles and Practice Exam. MGI will, I assure you, be the course of review for that exam also. Again, thank you for your support.

Luis G. del Valle
Coral Gables, FL

Pointed Me In the Right Direction

I wish to express my gratitude to MGI for the course which I'm convinced was instrumental in my successful completion of the professional engineering exam. I truly believe that it was your guidance and assistance that gave me the confidence and knowledge necessary for the successful completion of the examination. I wholeheartedly endorse this course and shall recommend it to my colleagues who are yet to face the challenge of the exam.

Your comments on my practice exams helped structure my thinking in the appropriate direction. That solved a big part of my problem. My personal thanks for the assistance you provided.

Don R. Kitchens, P.E.
Hoover, AL