P.E. Civil, P.E. Structural, and P.E. Environmental Exam Review Courses — Live on the Web

Benefit from ASCE's live web P.E. Exam Review Courses focused exclusively on exam-specific topics.

Taught by a team of experienced P.E. Exam Review Instructors, these courses focus on topics and material that have a high probability of being included on the exam, based on instructor knowledge and opinion.

P.E. Civil Exam Review Course

- A series of 12, two-hour modules held over a six-week period
- Plus four optional ‘depth’ sessions designed to provide you with the focused and deeper knowledge level needed in each subject to prepare for the afternoon session of the P.E. Exam Review

P.E. Structural Exam Review Course

- Codes referenced and those specified by NCEES for the exam
- Course information is up-to-date, including changes which took into effect in April 2011

P.E. Environmental Exam Review Course

- Six modules covering water, air, municipal solid waste and environmental assessment related topics
- Pay a single site registration fee and an unlimited number of people in your organization can attend at your site. Attend at your own office.

To register go to: www.asce.org/pereviewlive or call 1-800-548-2723, x 6226 or e-mail webinars@asce.org

NEW EDITION! This is a new edition of the core textbook for every FE/EIT exam candidate.

Fundamentals of Engineering: F.E. Exam Preparation, 19th Ed.

- Updated to meet new NCEES Civil P.E. structural and transportation design standards. Includes 140 solved examples and a new Construction Engineering chapter.
- Non-members $2,395 per site $2,225 per site $1,295 per site
- *Fees for 16-part P.E. course: $2,545 M / $2,945 NM

P.E. and F.E. Exam Review Courses Online

- The Best Way to Prepare for the P.E. and F.E. Exams!
- Study at the office, at home, on the road, anywhere, anytime, and at your own pace
- Avoid digging through textbooks to find the exam review information you need
- Secure your future and increase your earning potential by becoming a registered P.E.
- Prepare for the breadth and depth P.E. Exam format
- Master the skills needed to pass the P.E. and F.E. Exams
- Convenient and cost effective way to prepare for the exams

P.E. and F.E. Civil, P.E. Structural, and P.E. Environmental Exam Review Courses

- Updated to meet NCEES Civil P.E. structural and transportation design standards. Includes 140 solved examples and a new Construction Engineering chapter.

ASCE Individual Member #: (ASCE membership numbers are NOT TRANSFERABLE within any given company)

Name _____________________________
Title _____________________________
Company _____________________________
City _____________________________ State ________________ Zip ________________
Telephone _____________________________ Fax _____________________________
Email (required for confirmation) _____________________________
Your Florida P.E. License #: _____________________________ Exp. Date _____________________________

Payment Information: Must be complete before processing can occur

☐ A check for $__________ is enclosed.
☐ Charge my credit card: [ ] American Express [ ] Visa [ ] MasterCard [ ] Discover [ ] Diners Club [ ] Other _____________________________
Card Number: _____________________________
Exp. Date: _____________________________
Name (exactly as it appears on card): _____________________________

Payment Information:

Charge my credit card: [ ] American Express [ ] Visa [ ] MasterCard [ ] Discover [ ] Diners Club [ ] Other _____________________________
Card Number: _____________________________
Exp. Date: _____________________________
Name (exactly as it appears on card): _____________________________

How to reach us:

Email: distancelearning@asce.org
Fax: 703-295-6144
Phone: 1-800-548-2723, 703-295-6300 (international)

Non-members $2,395 per site $2,225 per site $1,295 per site
* Fees for 16-part P.E. course: $2,545 M / $2,945 NM

ASCE Member Price: $98.96 / ASCE Non-Member Price: $109.95

Non-members $2,395 per site $2,225 per site $1,295 per site
* Fees for 16-part P.E. course: $2,545 M / $2,945 NM

ASCE Member Price: $52.16 / ASCE Non-Member Price: $57.95


Distance Learning Program:
P.E. and F.E. Exam Review Courses Online

ORDER ONLINE NOW: For faster service, go to: http://secure.asce.org/estore/contented

ASCE Individual Member #: (ASCE membership numbers are NOT TRANSFERABLE within any given company)

Name _____________________________
Title _____________________________
Company _____________________________
City _____________________________ State ________________ Zip ________________
Telephone _____________________________ Fax _____________________________
Email (required for confirmation) _____________________________
Your Florida P.E. License #: _____________________________ Exp. Date _____________________________

Payment Information: Must be complete before processing can occur

☐ A check for $__________ is enclosed.
☐ Charge my credit card: [ ] American Express [ ] Visa [ ] MasterCard [ ] Discover [ ] Diners Club [ ] Other _____________________________
Card Number: _____________________________
Exp. Date: _____________________________
Name (exactly as it appears on card): _____________________________

Payment Information:

Charge my credit card: [ ] American Express [ ] Visa [ ] MasterCard [ ] Discover [ ] Diners Club [ ] Other _____________________________
Card Number: _____________________________
Exp. Date: _____________________________
Name (exactly as it appears on card): _____________________________

How to reach us:

Email: distancelearning@asce.org
Fax: 703-295-6144
Phone: 1-800-548-2723, 703-295-6300 (international)

Non-members $2,395 per site $2,225 per site $1,295 per site
* Fees for 16-part P.E. course: $2,545 M / $2,945 NM

ASCE Member Price: $52.16 / ASCE Non-Member Price: $57.95


- Updated to meet new NCEES Civil P.E. structural and transportation design standards. Includes 140 solved examples and a new Construction Engineering chapter.

ASCE Member Price: $98.96 / ASCE Non-Member Price: $109.95


- Updated to meet new NCEES Civil P.E. structural and transportation design standards. Includes 140 solved examples and a new Construction Engineering chapter.

ASCE Member Price: $98.96 / ASCE Non-Member Price: $109.95


- Updated to meet new NCEES Civil P.E. structural and transportation design standards. Includes 140 solved examples and a new Construction Engineering chapter.

ASCE Member Price: $98.96 / ASCE Non-Member Price: $109.95


- Updated to meet new NCEES Civil P.E. structural and transportation design standards. Includes 140 solved examples and a new Construction Engineering chapter.

ASCE Member Price: $98.96 / ASCE Non-Member Price: $109.95


- Updated to meet new NCEES Civil P.E. structural and transportation design standards. Includes 140 solved examples and a new Construction Engineering chapter.

ASCE Member Price: $98.96 / ASCE Non-Member Price: $109.95


- Updated to meet new NCEES Civil P.E. structural and transportation design standards. Includes 140 solved examples and a new Construction Engineering chapter.

ASCE Member Price: $98.96 / ASCE Non-Member Price: $109.95
P.E. and F.E. Exam Review Courses Online

The Best Way to Prepare for the P.E. and F.E. Exams!

P.E. Civil Exam Review Course Online

In cooperation with the Boston Society of Civil Engineers Section (BSCES), ASCE and SmartPros, Ltd. have created this multimedia electronic learning course, featuring seven of the nation’s top civil engineering instructors to help you prepare for the P.E. exam.

This is not a teaching course, it’s a review course, a refresher. And this is reflected in its design. It’s up to you to choose the topics you want to review for the exam. These topics are divided into modules, each presenting a series of problems in exactly the format you will encounter them on the P.E. Exam. The course materials are updated regularly to ensure that they conform to the current P.E. Exam format and content.

You’ll start with a demonstration exam problem. You can call on as much or as little help as you need to solve this problem, including getting the instructor (in video or audio) to walk you through the problem step-by-step. Then you’ll progress to a practice problem with minimal help available. Finally, you’ll take a post-test, where you’ll be on your own. Of course, the beauty of this type of electronic learning is that should you fail the post-test, you can simply go back and review the module again, then re-take the post-test.

Scope of the Course

This comprehensive review course includes more than 50 hours of learning based on over 2,500 pages of scripts and storyboards.

The instructors have many years of experience in presenting a live, face-to-face P.E. Exam Review Course. Their goal in creating the online version was to convert the classroom course into an interactive multimedia experience that simulates taking the real-life P.E. Exam.

In addition to demonstration and practice problems, there are extensive video instructor walk-throughs of each requirement of a P.E. Exam situation, accompanied by on-screen displays of the corresponding formulas and equations.

The course also includes “visual aids” and reference materials that an engineer might take into the examination. These include complete sets of equations, formulas, graphs, tables, diagrams, and where applicable, video clips of sample tests. The course also incorporates an audio pronunciation glossary of Greek letters and an onscreen scientific calculator, as well as animated models and illustrations of key concepts and processes, such as Consolidation.

The online course is available for a one-year subscription from date of initial purchase.

Online Courses

[27x192]The course is available for a one-year subscription from date of initial purchase

$625M / $725NM

* This course is not compatible with Windows Vista.

Additional Resources can be found at the ASCE Bookstore:

http://www.pubs.asce.org

P.E. and F.E. Exam Review Courses Online

The online course is available for a one-year subscription from date of initial purchase 625M / 725NM

P.E. Civil Exam Review Course Online

Geotechnical Engineering

• Soil Classification
• Phase Relations
• Effective Stress
• Consolidation
• Strength and Bearing Capacity
• Retaining Walls
• Piles
• Seepage

Structural

• Steel Beams
• Steel Trusses
• Steel Beams as Columns
• Concrete Beams
• Concrete Arches and Columns
• Concrete Rectangular; Column Footings
• Square Footings
• Timber Beams
• Timber Columns

Course Delivery and System Requirements:

The ASCE/SmartPros Engineering PE Exam Review Course includes:

– The course is available for a one-year subscription from date of initial purchase
– The online course is available online using your high-speed internet connection
– Practice exams are taken online:
– The course is available for a one-year subscription from date of initial purchase

Minimum system, CPU and OS Requirements are:

Multimedia PC Equipped with:
• 133 MHz Speed Processor
• 800 x 600 Display Resolution
• 16 bit (thousands) Color Graphics
• 32 MB RAM
• Intel or Equivalent CPU running Windows 95, 98, NT 4.0 or above or 0.S, or MacIntosh PowerPC 03 CPU running MAC O/S 7.0 or higher.

Course topics and modules:

Construction (pdf downloadable online)
• Site Design
• Piles
• Concrete Formwork and Mix Design
• Construction Control and Safety
• Stability of Temporary Cuts
• Network Scheduling and Project Controls
• Management of Construction Projects
• Contracts and Construction Estimating

Transportation
• Traffic Volumes
• Traffic Signal Warrants
• Freeway Interchanges
• Freeway Analysis
• Timing of Signalized Intersections
• Vehicle Speeds
• Accident Reconstruction
• Trip Generation
• Queuing

Water Resources and Environmental Engineering
• Water Demand
• Water Softening
• Coagulation and Flocculation
• Groundwater
• Trickling Filter
• Stream Pollution
• Site Selection
• Landfill
• Hydrology
• Hydrogeology
• Hydrology
• Moment
• Rupture
• Geotechnical
• Specific Energy
• Manning Equation

Additional Topics covered to help you prepare for the exam:

Topics of the course include:

Economics
• Present Cost
• Annual Cost
• Rate of Return
• Effective Interest Rate
• Projects with Perpetual Life
• Depreciation and Tax
• Ranking Alternative Projects

Surveying
• Circular Curves
• Vertical Curves
• Spiral Curves
• Grade Separation
• Excavation

Additional Information:

CEUs: CEUs will only be granted to the person who originally ordered the product. Additional exams are available for some courses for a fee of $50 each. Exams must be taken within one year of receipt of course.

 Returns only accepted if you have not already received CEUs for the course.

Fulfillment/Shipping:

Online courses are available immediately after purchase. You may access your course material at your convenience, 24 hours a day, seven days a week, using your Internet browser and the course password you’ll receive in an email from ASCE. Passwords are for a single user only and are not transferable. ASCE reserves the right to make changes to the course content at any time. CEUs: CEUs will only be granted to the person who originally ordered the product. Additional exams are available for some courses for a fee of $50 each. Exams must be taken within one year of receipt of course. Returns only accepted if you have not already received CEUs for the course.

CEUs: CEUs will only be granted to the person who originally ordered the product. Additional exams are available for some courses for a fee of $50 each. Exams must be taken within one year of receipt of course. Returns only accepted if you have not already received CEUs for the course.

* This course is not compatible with Windows Vista.

Additional Information:

Online courses are available immediately after purchase. You may access your course material at your convenience, 24 hours a day, seven days a week, using your Internet browser and the course password you’ll receive in an email from ASCE. Passwords are for a single user only and are not transferable. ASCE reserves the right to make changes to the course content at any time. CEUs: CEUs will only be granted to the person who originally ordered the product. Additional exams are available for some courses for a fee of $50 each. Exams must be taken within one year of receipt of course. Returns only accepted if you have not already received CEUs for the course.

* This course is not compatible with Windows Vista.

Helpful Information

Ordering:

Products are sold online. Orders are processed within 24 hours of receipt. All products are sent via UPS Ground unless otherwise requested.

Refunds:

If you are not completely satisfied with your purchase, contact ASCE customer service at 1-800-548-2723, or email customer.service@asce.org. In addition, ASCE follows NCEES guidelines on continuing professional education requirements that affect P.E. licenses and the ability to renew them. For details on your state’s requirements, please go to http://www.ncees.org/licensing/licensing_renewal.

Online Courses: All course materials will be accessed online. You log in and password is e-mailed to you within 24 hours of your purchase. No course material will be shipped. Online courses are individually priced.

F.E. Exam Review Course Online

Enjoy the convenience of taking this F.E. refresher course right at your computer...

We offer the best combination to prepare for the F.E. Exam – Study and Practice!

The F.E. exam is a tough exam. The best way to prepare for this day-long exam is to study the relevant materials and then Practice! Practice! Practice! This online course contains 12 modules, including the new biology module, presented by a “virtual instructor”... Listen and watch just as you would be in the classroom. At the end of each section, test your skills.

When you have studied the material and you are ready to try taking an actual timed practice exam, just click on Practice Exam and start your timer.

ASCE’s F.E. Exam Review Course contains multimedia presentations on twelve sections using interactive quizzes, audio, and animated slides. The material is presented in an interesting storyline, aimed specifically at the topics most likely to be tested on the F.E. Exam.

Each section contains multiple-choice problems and answers and includes over 10 hours of course content. Students can hone their skills by timing themselves on dynamically generated practice tests, which can be taken over and over again to sharpen test-taking skills right up to the exam. The practice tests are immediately scored so students can monitor their progress and measure their improvement.

The exam review includes the following modules:

– Precalculus Math and Calculus
– Chemistry: Stoichiometry, Reactions, Organic
– Material Science: Crystals, Phase Diagrams, Heat Treatment
– Ethics and Economics
– Thermodynamics: Process, Cycles, Applications
– Fluid Mechanics: Hydrostatics, Dynamics, Friction
– Statics: Force Diagrams, Structures, Centroids, Beams, Machines
– Dynamic: Kinematics, Angular Momentum
– Strength of Materials: Stress/Strain, Beam Deflection
– Electric Circuits
– Automatic Control Theory
– Biology

ASCE’s F.E. Exam Review Course is the Ultimate Preparation Tool for the F.E. Exam

The online course is available for a one-year subscription from date of initial purchase $325M / $365NM

* This course is not compatible with Windows Vista.

“With enthusiasm, I must say that your computer course was successful in helping me achieve a passing score. Please accept my gratitude and understand the course was well worth the money I spent on it.”

–Sibilia George, DERM

Additional Topics covered to help you prepare for the exam:

• Statics: Force Diagrams, Structures, Centroids, Beams, Machines
• Dynamic: Kinematics, Angular Momentum
• Strength of Materials: Stress/Strain, Beam Deflection
• Electric Circuits
• Automatic Control Theory
• Biology

ASCE has been approved as an Authorized Provider by the International Association for Continuing Education and Training (IACET), 1760 Old Meadow Road, Suite 500, McLean, VA 22102. In addition, ASCE follows NCEES guidelines on continuing professional education requirements that affect P.E. licenses and the ability to renew them. For details on your state’s requirements, please go to http://www.ncees.org/licensing/licensing_renewal.

Online Courses: All course materials will be accessed online. You log in and password is e-mailed to you within 24 hours of your purchase. No course material will be shipped. Online courses are individually priced.