Examination Review for Civil Engineers!

PE Civil Exam Cybereview
August 7 - October 26, 2006
See it now!
http://muconf.missouri.edu/cyberpe
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The latest additions to this course are **First,** A third manual to assist in study and exam taking has been added. Published by Kaplan it is a 145 Page booklet titled Civil Engineering, Problem-Solving Flowcharts by Jorge L. Rodriquez, PE Civil Eng. It is ideal for breadth and depth exam in USCS units. It covers most common and recurring problems and combines theory & formulas in a graphical format. **Second,** Module 1 has been updated to reflect changes incorporated into the 3rd Edition of the LRFD Manual. We continue to upgrade the delivery software (Webct) as each new version is added to our server. Our former students have been very pleased with the automatic subscription to the NCEES Diagnostic Exam. As they revise the exam you will get the latest at no additional cost. Just as those that subscribe directly, you will continue to have access for a full year.

Benefit From Exam Review Without These Traditional Limitations

- Class time conflicts - you decide when!
- Location - you decide where!
- Little time for help - faculty will respond to your questions!

Why PE?

Growing industry concerns over liability, error/ omission litigation, engineering ethics and professional employment practices have created a greater necessity for professional registration.

Who Should Participate?

Degreed Engineers who want to become a Registered Professional Engineer in one or more states. Instruction is geared toward civil engineers with a B.S. degree from an ABET accredited college or equivalent.

What Do I Learn?

We review problem sets in the following subjects you must understand:

- Concrete Design
- Highway Design
- Soil Mechanics
- Foundations
- Wastewater
- Hydraulic Machines
- Open Channel Flow
- Steel Design
- Traffic Engineering
- Geotechnical
- Water Supply
- Solid Waste
- Hydraulics
- Engineering Economics

On-Line Course Requirements

A computer with a frames-capable WWW browser such as Netscape 2.0 or higher, or Microsoft Internet Explorer 3.0 or higher.

Hardware Requirements for PCs

- 486 processor *(Pentium 75 or better recommended)*
- 16 MB RAM *(20 or more recommended)*
- Hard disk drive with minimum of 50 MB free (70 *or higher free space recommended)*
- 14.4 baud modem *(28.8 or higher recommended)*
- 256 color monitor

Hardware Requirements for Macintosh

- IIcx *(Power PC Processor recommended)*
- 16 MB RAM *(20 or more recommended)*
- System 7.1 *(System 7.5.3 or higher recommended)*
- Hard disk drive with minimum of 50 MB free *(70 or higher free space recommended)*
- 14.4 baud modem *(28.8 or higher recommended)*
- 256 color monitor

Internet Service Provider

- Must provide SLIP or PPP protocol
- Must provide Internet access suite *(such as Trumpet Winsock, Telnet and e-mail)*

Please remember to ask your organizational information systems manager if any “firewalls” must be changed to allow access.

Course Materials Via Mail

Upon registration, MUCO will mail you copies of the Review and Problem Solutions manuals, and the Problem-Solving Flowchart manual published by Kaplan Education. If you do not have an up-to-date copy, MUCO will supply you the American Concrete Institute Building Code Requirements for Structural Concrete, April 2000, second printing (or later) at a substantial savings.

Check Out The Course For Specifics

Step One:

Get on MU's Civil & Environmental Engineering PE Review page at: http://muconf.missouri.edu/cyberpe

Step Two:

Browse the linked pages. You will see how the course is organized, and find lesson titles and suggested study schedules.

Step Three:

Register using the web registration form. Pay by credit card, check, or purchase order.

New Practice Exam Format

Since October 2000, the civil engineering examination is a "breadth" and "depth" examination. This means that all examinees work the "breadth" *(A.M.)* exam, and one of the five "depth" *(P.M.)* exams. The five areas covered in the civil engineering examination are environ-mental, geotechnical, structural, transportation, and water resources. The "breadth" exam contains questions from all five areas of civil engineering. The "depth" exams focus more closely on a single area of practice in more depth in civil engineering, but include a percentage of questions from related areas. Here are the major and minor areas broken down by percent of each. Remember you only select one of the major areas.

Civil Breadth: ***(A.M. Exam)***

- 20% environmental
- 20% geotechnical
- 20% structural
- 20% transportation
- 20% water resources

Civil Depth: ***(P.M. Exam)***

Take one of the following examination formats.

- Environmental 65% *(plus 10% geotechnical, 25% water resources)*
- Geotechnical 65% *(plus 10% environmental, 20% structural, 5% transportation)*
- Structural 65% *(plus 25% geotechnical, 10% transportation)*
- Transportation 65% *(plus 15% geotechnical, 20% water resources)*
- Water resources 65% *(plus 25% environmental, 10% geotechnical)*

Selective Registration

Besides the regular nine-module course, you can select a six-module option. Or, you can sign up module-by-module. The manuals and NCEES Diagnostic Exam do not accompany the module-by-module option.

Fee Information

There are three module options for taking this course: **Registration begins July 17, 2006**

Full Course:

Nine modules, diagnostic exam and books, $545 *($595 after July 29, 2006).*

Six-Module Option:

Any six modules, diagnostic exam and books, $445 *($495 after July 29, 2006).*

Individual Modules:

One to three modules without books, diagnostic exam, $85 each module *($95 each after July 29, 2006).*

Retake the Modules FREE in the next year if you fail the examination. See web pages for details.

Contact Information

For Course Content or Password Questions:

E-mail John Atkinson at <atkinsonj@missouri.edu>.

For Registration Questions:

Call Mindy Lonkausky at (573) 882-8320, or e-mail her at <muconf3@missouri.edu>.

Student Comments From Previous Classes

"I recommend this review without reservation."

". . .was helpful to those taking the Structural Exam."

"Very much in tune with the exam."

"The content presented was excellent and the interaction with the professors is great. The questions asked by the students and then the follow-up answers, always provided by the professors, were a wealth of knowledge."

"Course provides structure for studying for the exam. It's a good way to study a wide variety of topics without getting bogged down in one area. You have to trust that the course covers the main topics you need to understand to pass the exam."

"Best review course you could take. The best one is Hydraulics and Open Channel Flow, you'll see what I mean if you take it. Which I strongly recommend you do."

"The instructors are very capable people who you can interface with on a one-to-one basis. You can also learn from other students in the class using the Internet."

"The bearing capacity, spread footing, and mix design sections were extremely beneficial for several problems I worked on the test. Dr. Belarbi did an excellent job in organizing his sections with step by step procedures for design."

Pass This Brochure To Others

If you are not interested in taking the PE Exam now, or are a supervisor of someone who needs or wants to obtain PE status, pass this brochure on to him or her.

Give this brochure to your Human Resources training representative so they can advise others of this opportunity, or post it on a bulletin board.