




***Fundamental of
Engineering Examination
Review Sessions***


August 27, 2008




 ***Coordinator of the Review Sessions***

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- > Civil and Environmental Engineering
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 ***Exam Administration***

- > Engineering and Land Surveying Examination Services (ELSES)
- > National Council of Examiners for Engineering and Surveying (NCEES)
- > www.ncees.org



Why take the FE Exam?

- > To pursue PE license
- > Professional Career Advancement

Eligibility candidates enrolled in school*

- > **Graduating seniors**
 - during last academic year pursuant to Section 1303.A of the Rules of the Board
 - Dec 08, May 09, August 09
- > **Complete a Louisiana state application**
 - <http://www.lapels.com>
- > **Register for the exam with ELSSES**
 - <http://www.els-examreg.org>
 - menu on the left: Louisiana
 - Exam fee: \$145

* <http://www.els-examreg.org/louisiana.php>

Eligibility Cont'd candidates enrolled in school*

- > **Deadline for registration and the exam fee**
 - Received by NCEES
 - September 5, 2008
- > **Registrations received after that day will NOT be considered for the October 2008 exam. Eligibility will be verified directly with the university.**
- > **Verify registration:**
 - http://www.els-examreg.org/registered/louisiana_registered.pdf
 - contact the ELSSES Louisiana Coordinator at 877-536-7729.

* <http://www.els-examreg.org/louisiana.php>

Time/Place to Report to the Exam Site

- > Saturday
- > October 25, 2008
- > Admission: 7:15-7:40 AM
- > Examination room doors will be closed at 7:40 a.m.
- > Absolutely no examinees will be allowed in the examination room after 7:40 a.m.
- > Location
 - Exact location, building, and room information will be on your admission authorization notice.
 - It is your responsibility to verify the directions and ensure that you arrive at the exam site on time on the day of the exam



Questions about the exam administration process?

- > Louisiana licensing board
<http://www.lapels.com/>
- > OR
- > Lea Strickland, ELSEES Louisiana Coordinator
Phone: (877) 536-7729
E-mail: lstrickl@els-examreg.org.



FE Exam specifications

- > Eight-hour
- > Supplied reference examination
- > Test make up
 - 180 multiple choice questions, 240 points
 - AM: 4 hours
 - » 120 questions
 - » 1 point
 - PM: 4 hours
 - » 60 questions
 - » 2 points
- > Answer all questions
- > Passing score
 - 70 percent



FE Exam specifications* -- What can you bring to the exam room?

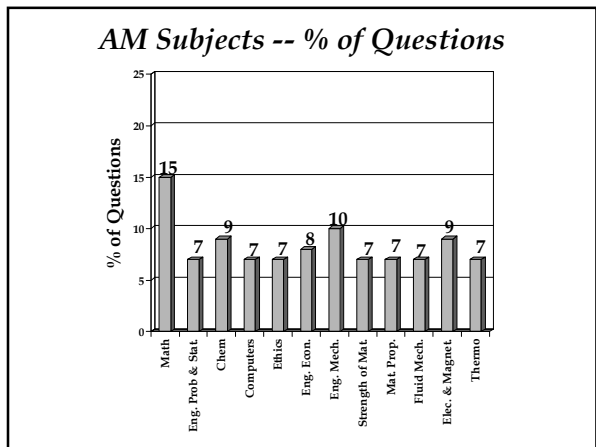
- > Permitted
 - Calculators
 - Check Calculator Policy for approved list at <http://www.ncees.org/exams/calculators/>
 - » Non-communicating
 - » Battery-operated
 - » Silent
 - » Non-printing
- > Not permitted
 - Communication devices
 - » Pagers and cell phones
 - » Cameras and recorders
 - Books
 - » You will be provided with a reference handbook
- > Pencils will be provided

[* http://www.ncees.org/exams/fundamentals/#bring](http://www.ncees.org/exams/fundamentals/#bring)

FE Exam specifications*

- > AM session
 - 12 subjects, Common to all disciplines
 - » Mathematics
 - » Eng. Probability & Statistics
 - » Chemistry
 - » Computers
 - » Ethics & Business Practices
 - » Engineering Economics
 - » Engineering Mechanics
 - » Strength of Materials
 - » Material Properties
 - » Fluid Mechanics
 - » Electricity & Magnetism
 - » Thermodynamics

[* http://www.ncees.org/exams/fundamentals/fe_exam_specs.pdf](http://www.ncees.org/exams/fundamentals/fe_exam_specs.pdf)

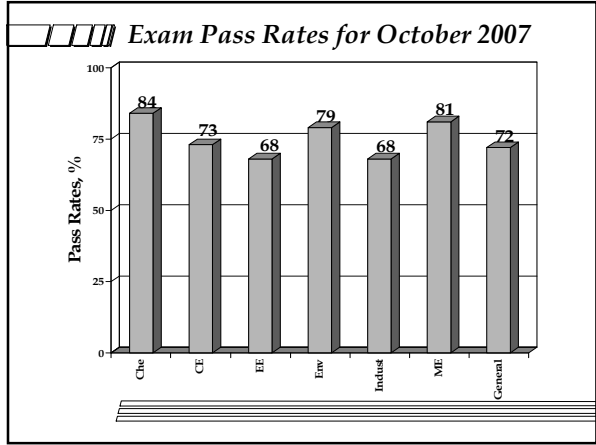


FE Exam specifications*

➤ **PM session**

- Discipline specific
 - » Chemical
 - » Civil
 - » Electrical
 - » Environmental
 - » Industrial
 - » Mechanical
 - » General (remaining disciplines)

* http://www.ncees.org/exams/fundamentals/fe_exam_specs.pdf




Review Session Schedule

DATE	ROOM	TOPIC COVERED	INSTRUCTOR
August 27	1109 PFT Hall	Introduction	Mohammad
September 3	1109 PFT Hall	Electrical Engineering	Scalzo
September 10	1109 PFT Hall	Statics	Voyiadjis
September 17	1109 PFT Hall	Strength Of Materials	Voyiadjis
September 24	1109 PFT Hall	Dynamics	Waggenspack
October 1	1109 PFT Hall	Thermodynamics	Gontheir
October 8	1109 PFT Hall	Fluid Mechanics	Willson
October 15	1109 PFT Hall	Math	Neubrandner
October 22	1109 PFT Hall	Engineering Economy	Zohdi

PFT Hall: Patrick F. Taylor Hall

All sessions are from 6:00 PM to 8:00 PM

 Useful Web site

- www.eng.lsu.edu
- www.els-examreg.org
- www.lapels.com





Good Luck