Engineering Mathematics I

Section Web page: http://calclab.math.tamu.edu/~fulling/m151/
Course Web page: http://www.math.tamu.edu/courses/math151/?semester=2011C
WebAssign (on-line homework): http://www.math.tamu.edu/courses/eHomework/
Maplets: http://m4c.math.tamu.edu/

Instructor: S. A. Fulling
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http://www.math.tamu.edu/~fulling/

If I am not in my office, you can leave a note in my mailbox (in the room opposite the math department office, 6th floor of Blocker) or in the plastic pouch beside my office door.

Office hours (subject to change) are posted on my home page.

Lecture classes: MWF 11:30–12:20, HELD 113

Teaching Assistant: Roman Kogan
029 Milner Hall
Roman.Kogan@math.tamu.edu
http://www.math.tamu.edu/~romwell

Lab and recitation classes:

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Computer labs for these sections will involve sometimes Maplets and sometimes Matlab.

Course description: Credit 4. Vectors in two dimensions, differentiation and integration of functions of one variable, and applications such as work, velocity/acceleration, optimization (max/min), and curve sketching. Prerequisites are Math. 150 (precalculus) or comparable high-school mathematics including algebra II, analytic geometry, and trigonometry.

Textbooks:

Grading system:
Exam I: Tues. 9/27 7:30–9:30 p.m. 16\frac{2}{3}\% 
Exam II: Thurs. 10/27 7:30–9:30 p.m. 16\frac{2}{3}\% 
Exam III: Tues. 11/29 7:30–9:30 p.m. 16\frac{2}{3}\% 
Final Exam: Mon. 12/12 10:30 a.m.–12:30 25 \%
On-line Homework (WebAssign) 8\frac{1}{3}\%
Lab Exercises 8\frac{1}{3}\%
TA’s Quizzes 8\frac{1}{3}\%

Rooms for common exams will be announced later. The final exam will be in the lecture room (HELD 113).

Plagiarism: Finding information in books or on the Internet is praiseworthy; lying (even by silence) about where it came from is academic dishonesty. Whenever you copy from, or “find the answer” in, some other source, give a footnote or reference. Otherwise, you are certifying that it is your own work.

Joint work: On a homework assignment (not a take-home test!) discussion with other students is permitted, even encouraged. However, graders will not give homework credit for “work” that is parasitical (and your test scores will suffer, too!). To forestall problems, please follow these policies: (1) When two or more students work together on an assignment, they should all indicate so on their papers. (2) If the cooperation is of the divide-and-conquer variety, you are certifying that you have studied and understand every problem solution on your paper. Mindless copying is dishonest and academically worthless.

Copyright: Course materials (on paper or the Web) should be assumed to be copyrighted by the instructor who wrote them or by the University.

Disabilities: The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact the Department of Student Life, Services for Students with Disabilities, in Room 126 of the Koldus Building or call 845–1637.