SYLLABUS FOR ENGINEERING MATH II (152-sections 525,526,527) Fall 1996

This course will meet MWF 2:20pm -3:35pm in Heldenfelds 109.
Section 527:Monday 12:40-1:30pm Blocker 160, Wednesday 12:40-1:30pm Blocker 125.
Section 525:Monday 3-3:50pm CE 223, Wednesday 3-3:50 Blocker 130.
Section 526: Monday 4-4:50pm Blocker 160, Wednesday 4-4:50 Blocker 130.

•**Professor:** Dr. D. Kirschner-Office: 327 Milner.
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•**Teaching Assistant:** Mr. Mark Farag-Office 003 Milner.
Phone: 845-5393, E-mail: farag@math.tamu.edu

•**Class Homepage**: http://www.math.tamu.edu/denise.kirschner/152.html
Class assignments, course information and handouts will all be available on the Web.

•**Office hours:** are T/TH: 1-2 and W: 11-1. or by appointment
(just see me after class, email or phone)

•**Textbook:** *CALCULUS* by Stewart, 3rd edition. (We will cover chapters 6-10 inclusive) and *Calclabs with MAPLE V*, TAMU math dept/Brooks/Cole

•**Grades:** The final grade will be determined by these totals:
3 tests (50%):
- 15% Test 1-Thursday, Oct 3 from 7:30-9:30pm
- 15% Test 2-Thursday, Oct 29 from 7:30-9:30pm
- 20% Test 3-Tuesday, Dec 3 from 7:30-9:30pm

Final exam: 25% -Wednesday, December 18, 1-3pm.
LAB: 25% quizzes, homework, calclabs, and class participation**
Grading scales: 90-100 A, 80-89 B, etc.
**Attendance will make a difference in your final grade.

•**Quizzes:** There will be short quizzes once a week worth 10 points each given at the end of your Wednesday Lab session. They will include one or two homework type problems to see if you are following the material from the **previous** week. There will be more than 10 given, but we will only keep the top 10 scores to count. Therefore, there WILL BE NO MAKEUP QUIZZES!! (not even excused absences). It is on the honor system that you do not share the quiz problems with other sections. The course is graded as a whole and it can only serve to lower your own grade in the class. FIRST QUIZ: Wednesday, September 11th. Sections 6.1-6.5 inclusive.

•**Open hours**: During the semester, the computer labs in Blocker (131,130,127,125) will be open, with TA's present, for outside class assistance. The schedule is:
Mon-Thu : 7pm-12pm., Friday (127): 9-5, Saturdays 12-6pm, Sundays 12noon-12midnight.

•**Computer Accounts**: Since most computation is easily carried out on the computer, and we can get immediate feed-back by way of graphs and plots, it will be necessary for us to use the computer for this purpose. To achieve this goal, we will use *Maple*. Therefore, you will all need to set up accounts on the Calclab system (at least). You will be required to check your e-mail accounts and the class homepage daily (see above).

CLASS RULES:

- **Homework notebooks**: Every student is required to keep an ORGANIZED notebook of all homework problems. This will GREATLY help you study for tests and the final. Also, the quizzes will serve as a gauge of how well you are doing on the homework problems. If however, scores are not up to par, I will be forced to start grading homeworks.

•**Not Tolerated:**

Tardiness to class or leaving class early.

The question: "Is this going to be on the test?" If I say it, write it or assign it, you are responsible for it.

Unexcused absences from Tests..no make-ups for that.

> If you know of a reason you HAVE to miss a test, please discuss the possibility with me before the exam is given. The ONLY exception to this rule is if you have some physical problem which precludes you from informing me. (like breaking your leg on the way to the test..a note from the health center nurse *post facto* just won't cut it.) There is plenty of advance warning of test dates (see above).

•**First Homework Assignment-due by September 11th**:

(1.) Send an email message with your name, email address, and classification to

both Dr. Kirschner (dek@math.tamu.edu) and Mr. Farag (farag@math.tamu.edu).

(2.) Add our emails to your alias list in Pine; add the homepage to your bookmarks.

(3.) Download a survey from the homepage and print out and fill out.

(4.) Do Calculus I review sheets (handed out in class).

(5.) Complete the "Generic First Week Maple Lab Handout", and the quick tour of Maple.

(6.) Complete the Maple Calculus I Review Lab on Page 161 of your Calclab manual.

(7.) All homework problems I assign in class this week (9/2-9/6).

•••I encourage you all to feel free to contact me over e-mail for ANY questions you may have. I am in constant e-mail contact. I enjoy an interactive classroom, I hope you all will participate and will be challenged by this exciting course.