SYLLABUS FOR DIFFERENTIAL EQUATIONS 308-506 Spring 1996

This course will meet MWF 1:50pm -2:40pm in room 131 Blocker

•**Instructor:** Dr. D. Kirschner-Office: 327 Milner.
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•**Office hours:** are 2:45pm till 4:30pm MW and 10-11 W or by appointment
(just see me after class, email or phone)

•**Textbook:** *Elementary Differential Equations*: Boyce and DiPrima and
Solving ODE's with Maple V, TAMU math department.

•**Grades:** The final grade will be determined by these totals:
3 tests: 20% each (dates to be decided)
Final exam: 30% - May 7, 3:30-5:30
quizes, homework and class participation: 10%
scales: 90-100 A, 80-89 B, etc.

**Attendance will make a difference in your final grade.

•**Quizes:** There will be short quizes once a week worth 10 points each with one or two homework type problems to see if you are following the material from the previous week. There will be more than 10, but we will only keep the top 10 scores to count. Therefore, there WILL BE NO MAKEUP QUIZES!! (not even excused absences). The key to the quizes will be posted outside of class after the quiz. There will be a Grader for the quizes. FIRST QUIZ: Friday, January 26th.

•**Lab hours**: During the semester, the computer labs in Blocker will be open, with TA's present, for outside class assistance (see yellow handout). Specifically, Prof. Rahe will be in the Blocker ACC (in the Ag Eco room) from 6-7 on Tuesdays, and 7-8 in Blocker 125. I strongly encourage you seek help during those times.

•**Computer Accounts**: Since most computation is easily carried out on the computer, and we can get immediate feed-back by way of graphs and charts, 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 other handout).

•**Not Tolerated:**
Tardiness to class or leaving class early.
The question: "Is this going to be on the test?"
Unexcused absences from Tests..no make-ups for that.

•**First Homework Assignment-due Monday, Jan 22 by classtime**:
Send an email message to me using pine including the following information: name, classification (i.e. when will you graduate?), major, e-mail address. I would also like to know your computer experience to date. Anything else you would like to share/add about yourself is fine. Include the name of your class partner on this message.

•••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.