Math 321: Differential Equations (Fall, 2002)

Instructor: W. Huang, 637 Snow, (785) 864-3651
Office hours: 2:30 – 4:00 PM TR, also by appointments
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Text: Our text is F. Diacu's An Introduction to Differential Equations: Order and Chaos, Freeman, 2002. We will cover most of Chapters 1 through 6.

Grading: Computer projects 15%
         Homework 20%
         Midterm (80 minutes) 25%
         Final exam 40%

Information and regulations:

1. Examinations. All exams will be “closed book”: no books, no notes, and only simple calculators may be used during the exam. If you are unable to take the exam because of sickness or other emergencies, please contact me promptly.

   The date of the midterm exam will be announced a week in advance. It will cover Chapters 1 through 3.

   The final examination is scheduled at 1:30-4:00PM, Friday, December 20 (also consult the KU time table of classes). It is comprehensive.

2. Computer Projects. About five (5) computer projects will be assigned from time to time so that you can work on to get better understanding of what you learn in the class and gain experience in programming. Collaboration among teams of two or three people is encouraged, with all participants in a successful solution receiving full credit. You can use the mathematical software package MATLAB which is available to you at any machine on our department’s computer network. You can also use C, C++, or Fortran computer language for your projects.

   The computer Lab is located in Snow 455. A TA will be available at the Lab to help you for your computer exercise assignments. (His/her office hours will be announced later.) You can also find information on unix system, MATLAB, etc. at Math Department’s website http://www.math.ukans.edu.

3. Difficulties. If you have trouble seeing, hearing, walking, or the others that may impair your full participation in this course, please let me know and we’ll see what arrangements can be made. The same goes for a prolonged bout of illness during the semester.