Spring 2009
Math 2410Q, Section 08
Class meets MWF 9:00 am -9:50 pm in MSB 215.

Text: P. Blanchard, R. L. Devaney, and G. R. Hall, *Differential Equations*, 3rd edition.

Instructor: Wally Madych, MSB 308
Off. Hours: MWF 10-11 am, 1-2 pm, and by arrangement.

Content: An introduction to ordinary differential equations and their applications. The course will cover most, but not all, of chapters 1-4, 6 in the textbook.

Tentative schedule:
Mon., Feb. 23: First midterm, roughly Ch. 1.
Mon., Apr. 6: Second midterm, roughly Ch. 2 and 3.
Mon., Apr. 27: Course evaluation.
Tues., May 5: Final exam, Ch. 1-4, 6, at least 50% Ch 4, 6.

Exams: As indicated above there will be two midterms and a final. At least two weeks notice will be given prior to each midterm if there are any changes in the tentative schedule. In the case of snow/emergency dates, any midterm exam will automatically be moved to the next available class session. According to the registrar, the final exam is tentatively scheduled for Tues., May 5, 10:30 am-12:30 pm.

All exams will be based directly on the material covered in class and related text material, examples, and exercises.

The exams are not 'open book' but you may bring one sheet of notes on standard size, 8 1/2 by 11, paper. Calculators are allowed. Paper will be provided. Each exam will include the following list of instructions:

Pencils, pens, erasers, rulers, calculators, and one sheet of notes are allowed. No books, further notes, etc. An important portion of the exam involves understanding the questions. No questions will be addressed during the exam except for those involving possible typos. N questions, nn points each. For full credit, answers and all necessary work must be correct.

Homework and quizzes: Homework exercises will be assigned during every class period. These exercises will not be graded. Every Monday there will be a quiz consisting of no more than two or three exercises based on the previous week's work and assignments. The quizzes are not "open book" but often I will allow use of class and homework notes. The ten top scores will determine the total homework/quiz score. There will be no "make-ups" for missed quizzes.

Grading: Final letter course grades will be determined as follows: two midterm exams (30% each), one final exam (30%), and homework/quizzes (10%) .

90% or more of the total points is an A, 80% is a B, 70% is a C, 60% is a D, and below 60% is an F; -/+ will be assigned for borderline cases.