Math 246, Section 1301
Differential Equations for Scientists and Engineers
Fall, 2001

Prerequisites Math 141 (Calculus II) or equivalent.

Textbooks

Lectures MWF 2:00–2:50, Math 0103.

Instructor Bo Li (Office hours: W 3:00–4:00, Th 11:00–12:00; Office: Math 4304; Phone: 301-405-5088; E-mail: bli@math.umd.edu).

Grader Sunhee Kim (E-mail: sunny@math.umd.edu).

Homework Assigned regularly and graded partially. There are two types of homework: one is analytical and the other Matlab related. For an analytical type of homework, exercise problems are chosen from the first textbook *Elementary Differential Equations*. For a Matlab related homework, exercise problems are chosen from the second textbook *Differential Equations with Matlab*. Note: no late homework will be accepted unless a written verification of a valid excuse (such as hospitalization, family emergency, religious observance, court appearance, etc.) is provided and approved by the instructor.

Exams There will be two midterm and one final, close-book and close-note exams. The final exam will be cumulative.
- Midterm exam 1: 2:00–2:50, Friday, October 5, Math 0103.
- Midterm exam 2: 2:00–2:50, Friday, November 16, Math 0103.
Note: neither rescheduled nor make-up exams will be allowed unless a written verification of a valid excuse (such as hospitalization, family emergency, religious observance, court appearance, etc.) is provided and approved by the instructor.

Grading The final course grade will be determined based on the exams and homework with the following weights: final exam — 40%, midterm exam 1 — 20%, midterm exam 2 — 20%, homework of analytical type — 10%, homework related to Matlab — 10%. The final grade will be curved.