

Mathematics 307 B

Introduction to Differential Equations
Spring 2008

Instructor: Xiaosheng Li

Lecture Time: MWF 9:30am–10:20am

Lecture Location: LOW 101

Office Hours: MW 11:30am–12:30pm and by appointment

Office: PDL C-543

Email: xli@math.washington.edu

Class Webpage: <http://www.math.washington.edu/~xli/307b08s.htm>

Textbook:

Elementary Differential Equations and Boundary Value Problems
by W. E. Boyce and R. C. DiPrima, 8th edition

Course Plan:

Chapter 2: Section 1,2,3,4,5,7

Chapter 3: Section 1,4,5,6,8,9

Chapter 6: Section 1,2,3,4

Prerequisite: Math 125; Math 126 strongly recommended

Exam Schedule:

Midterm : May 2 (Friday, in class, covering up to Chapter 3 Section 5)

Final : June 11 (Wednesday, 8:30am–10:20am, LOW 101, cumulative)

Grading Policy:

Homework 15%

Midterm 35%

Final 50%

Homework:

Assigned weekly and due on Wednesday at the beginning of the class.

Important:

- Make ups are permitted only under exceptional circumstances.
- A piece of notes (8.5×11 inches, letter size, one side) will be allowed on the midterm and the final, along with a scientific (but not graphing) calculator.
- Late homework will not be accepted, but the lowest homework grade will be dropped.
- Feel free to work with other people on your homework, but you must write your solutions yourself.
- Grader will grade two or three problems from each assignment carefully, and check the completeness of other problems.