Math 285: Introduction to Differential Equations

Section F2, Spring 2016

Lecture: Class meets MWF from 2:00 to 2:50pm in 156 HENRY BLD.
Course Website: www.math.uiuc.edu/~mingxiao/course285F2.html
Online Score: you will be able to check your scores for the graded homework and the tests on Moodle. Please check them for accuracy and report to me immediately any discrepancy with the scores you have on your homework or test.

Instructor: Ming Xiao
Email: mingxiao@illinois.edu
Office: 257 Altgeld Hall
Office Hours: Office Hours will generally be Thursday 2-3:30 pm, Friday 9:30-11:00 am, plus additional times by appointment. To schedule an appointment, ask after class, or send me e-mail.

Exam:

• There will be 3 quizzes this semester, about 15 points each. The first two will be given on Feb. 5th and March. 16th.

• There will be two midterm exams, 100 points each. They will be given on Feb. 26th and April 22nd.

• The final exam(200 points) will be given on Monday, May 9th, 7-10 pm.

Grading policy:
The grades will be determined as follows.

Quizzes-10% of your grades.
Homework- 10% of your grades.
Midterms- Each Midterm counts 20% of your grades.
Final- 40% of your grades.

Homework: I will assign written homework from the textbook to be handed in during class. Again this is worth a significant part of your grade so make sure you are handing in quality work. See the course website for the homework assignments.
**Tips:** I will generally not accept late homework unless for reasonable excuses. Students are encouraged to attend office hours or to make an appointment with me if they need any extra help understanding the course material. I am also always available through email. Please do not let your questions pile up. The best way to prepare for the exams is to do adequate practice problems. You are also encouraged to do those unassigned problems in the textbook as good practices for yourselves.

**Syllabus:**
These are the sections I plan to cover from each chapter in the textbook.

- **Chapter 1:** 1.1, 1.2, 1.3, 1.4, 1.5, 1.6;
- **Chapter 2:** 2.1;
- **Chapter 3:** 3.1, 3.2, 3.3, 3.4, 3.5, 3.6, 3.8;
- **Chapter 9:** 9.1, 9.2, 9.3, 9.4, 9.5, 9.6, 9.7;
- **Chapter 10:** 10.1, 10.2, 10.3.