MA 36600 (Fall 2018)
Ordinary Differential Equations

Section 051   Tuesdays & Thursdays 09:00am-10:15am   UNIV 219
Section 121   Tuesdays & Thursdays 10:30am-11:45am   UNIV 219
Instructor: Jingwei Hu
Email: jingweihu@purdue.edu   **Office:** MATH 416
Office Hours: Mondays 2:30pm-4:20pm & Thursdays 2:00pm-3:00pm or by appointment

Course Webpage (maintained by Math Department):
www.math.purdue.edu/academic/courses/coursepage?subject=MA&course=36600
Section Webpage (maintained by myself):
www.math.purdue.edu/~hu342/MA366_fall18/MA366.html

Textbook: Elementary Differential Equations and Boundary Value Problems, Wiley, 10th Edition, by Boyce and DiPrima. We will cover most of chapters 1-7.

Grading: Course grading will be based on two midterms, one final, hand-graded homework, and lab sessions. The distribution will be 20% per midterm, 30% for the final, 15% for the homework, and 15% for the labs.

Homework: Homework will be collected on **Tuesdays** at the beginning of the lecture. The problems associated with sections from the previous week are due at that time (please check the section webpage often for each homework assignment and due date). **Please do homework problems in order and staple your sheets together** – repeated violations will be subject to penalty. Not all problems will be graded – usually 5 problems will be graded on a 5 point scale for a total of 25 possible points per homework assignment. Note that answers to all problems are provided at the end of the book, thus you should **always show your work** to receive credits. No points will be given if you only write the final answer without showing how you get it.

Midterms and Final: There will be two **in-class** midterms given during the semester. Tentative dates: midterm 1 (Oct 4); midterm 2 (Nov 8). There will be a comprehensive final given during the exam week (time and location will be announced later). Books, notes, and calculators are not allowed in exams.

Course Policies:

1 Late homework: Homework is due at the beginning of the lecture on the assigned due date (generally on Tuesdays). **The lowest two homework scores will be dropped, but in return, late homework will not be accepted**. In the event that an assignment is missed for reasons that are serious, unavoidable, and beyond the student's control, the situation will be handled on an individual basis. Exceptions will be considered only if I am notified *prior* to the due date and proper documentation is provided.

2 Re-grade: If you disagree with the grading on an exam or homework, you must provide a written explanation, including your reasons for disagreeing, and resubmit the work for regarding within one week after the work is first returned to the class.

3 Make-up policy: Except in unusual circumstances (illness, family emergency, etc. *documented*), no make-ups will be given on midterms or the final. If you need a make-up exam, you have to talk to me **in advance** (at least two weeks before the test date).

4 Attendance: Class attendance is expected. Reading the sections in the textbook ahead of time is recommended. If you miss a lecture, you are responsible for everything that is covered including in-class announcements.

5 Integrity: Academic integrity is expected for all students at all times in this course. You are free (even encouraged) to work with other students to solve the homework problems (talking about math may seem really geeky, but it can make learning the subject much easier and more fun). However, you are required to write up solutions for each assignment using your own words and explanations. Of course, you are required to do your own work on each exam (although you can prepare with others).

Emergency Preparedness:

In the event of a major campus emergency, course requirements, deadlines and grading percentages are subject to changes that may be necessitated by a revised semester calendar or other circumstances beyond the instructor's control. The primary way to get information about changes in this course is via the section webpage and course Blackboard page. Learn more at http://www.purdue.edu/emergency_preparedness/.