

## Syllabus for MA266, Ordinary Differential Equations (Section067)

### **Course instructor and contact information:**

Instructor: Dr. Changyou Wang, Professor of Mathematics

Office: MATH 714, phone 49-42719

E-mail: wang2482@purdue.edu

**Office Hours:** TR 10:45am--noon

**Lecture's time and place:**

TR 9:00 -10:15 am, REC 122

**Textbook:** *Elementary Differential Equations and Boundary Value Problems*

William E. Boyce and Richard C. DiPrima

(10<sup>th</sup> edition with **WebAssign** access code)

### **Departmental Common Course Webpage:**

<http://www.math.purdue.edu/MA266>

You can find the Homework Assignment Sheet (10<sup>th</sup> edition) that includes the list of suggested online homework, written homework, supplementary homework, and Matlab projects; the set of supplementary homework, Matlab files, along with other useful information for the course.

### **Instructor's Course Webpage:**

<http://www.math.purdue.edu/~wang2482/math266-fall2017.html>

This course webpage contains the online version of the course syllabus, various announcement, and written homework assignment and Matlab projects. It also contains the tentative course schedule.

**WebAssign Log in Information:** <http://www.webassign.net/purdue/login.html>

**Calculators:** Calculators are not allowed on Quizzes, Midterms and Final Exam.

## COURSE STRUCTURE

### **Homework:**

Online homework is usually submitted online (WebAssign) by **Friday evening 11:00 pm**. The written homework including Matlab projects will be collected **Thursday in class** or in my office no later than 4pm. **No late homework assignments will be accepted.** The homework due in any week corresponds to the homework assigned in the previous week. The hand-graded homework needs to be written neatly and stapled. You are allowed to discuss homework problems with your classmates, but you are responsible to write up the solutions independently.

**Quizzes:** There will be six quizzes during the semester. Roughly a quiz will be given once

every two weeks in the last 15 minutes at Thursday's class. The questions of quizzes come from the previous homework problems or their variations, which consist of one or two problems.

**Exams:**

**Midterm 1:**                      **Week October 2-6 (Date/Time/Location, TBA)**  
**Midterm 2:**                      **Week November 6-10 (Date/Time/Location, TBA)**  
**Final Exam:** **TBA** (during the final exam week, December 11-16)

There are NO make up exam for midterms. The missing midterm exam score will be the average of another midterm exam and the final exam.

**Course Grade Scheme:** Your course grade will be determined by

**Total scores: 600 points**  
Final Exam: 200 points  
Two midterm exams: 200 points (100 points/per midterm)  
Homework: 150 points (75 points for hand-graded and online homework respectively)  
Quizzes: 50 points

The four worst homework scores (two from hand-graded and hand-graded respectively) and one worst quiz score will be dropped.

The scores of homework, quizzes, and exams will be made available to students after grading.

The scores will be uniformized across different sections by using the **Final Exam Score**.

*Assignment of the grade:*

1. The number of particular letter grades (A, B, ...) in each section is based on the **Final Exam Score** across all sections of the course by using a course-wide Final Exam curve.
2. The letter grades within each section are then determined based on the **Total Score**.

**Grader:** TBA (will be available in the second week).

## **OTHER INFORMATION**

**Accommodations due to disability:** If you have been certified by DRC as eligible for academic adjustments for exams and quizzes see [www.math.purdue.edu/ada](http://www.math.purdue.edu/ada) for exam and quiz procedures or go to MATH 242 for paper copies. For all in-class accommodations see me outside class hours to share your Accommodation Memorandum and discuss the accommodation.

**Academic integrity:** Violations of academic integrity will be taken seriously and dealt with according to Purdue Policy. Instances of cheating on exams and quizzes include (but are not limited to) copying from or communicating with another student, bringing any kind of notes into the exam unless expressly permitted, and using any type of electronic aid. You are encouraged to work together on homework, but you are required to write up and submit your own solutions to all assignments.

**Classroom Decorum:** Students are expected to be attentive and courteous during class. During class, please put away newspapers, turn off cell phones, and refrain from using laptops or other electronic devices except for note-taking purposes.