

Purdue University
MA266 Ordinary Differential Equations
Fall 2014
Syllabus

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1 General Information

1.1 Class time / location:

10:30-11:20AM in REC 123 (section 151)
3:30-4:20PM in EE 201 (section 131)

1.2 Office Hours:

MWF 2:00-3:00 PM (Tentative)

1.3 Textbook:

Elementary Differential Equations and Boundary Value Problems
William E. Boyce and Richard C. DiPrima
10th edition with **WileyPlus access code**.

Matlab files and Supplementary exercises: see department course web page
<http://www.math.purdue.edu/academic/courses/MA26600/>.

1.4 Webpages:

Under <http://www.math.purdue.edu/~tongliu/teaching/math266-2014.html>
you find this syllabus as well as some other info concerning the course.

The department course webpage is <http://www.math.purdue.edu/MA26600>.

The section 131 WileyPLUS login page <http://edugen.wileyplus.com/edugen/class/cls408207/>

The section 151 WileyPLUS login page <http://edugen.wileyplus.com/edugen/class/cls408210/>

Hand-Written Homework page <http://www.math.purdue.edu/~tongliu/teaching/266/hw-2014.html>

1.5 Calculators

Calculators are not allowed on Midterms and Final Exam.

2 Course Structure

2.1 Homework:

Most HW is submitted online (WileyPlus) by Thursday evening 11:00pm. The few problems not submitted online, including all Matlab projects, will be collected every Friday in class or in my office no later than 4:30pm. **No late assignments will be accepted.** Neither will homework deposited anywhere else.

The homework due in any given week is the homework corresponding to the material of the previous week. Homework must be readable and **must be stapled**. Illegible scribbling will receive no credit from the grader.

For a homework problem done with Matlab you should hand in the printout of your Matlab session (or at least the relevant parts).

You are encouraged to attempt all the questions and discuss with your classmates. However, the write-up must be of your own.

2.2 Quizzes

Quizzes will be randomly given in the last 10-15 mins in class. Most questions of quizzes will come from problems of previous HW (or their variations).

2.3 Midterms:

There will be two in class midterms, **October 3rd** and **November 7th**. There are no make-up exam. The missing midterm score will be the average of another midterm and the final exam.

2.4 Final Exam:

The Final Exam will be given during the Final Exam Week.

The location and date of the final will be announced in class.

The final exams will be multiple choice.

2.5 Course Grade Scheme:

Your course grade will be determined using the following distributions:

HW+ quiz +Matlab Project	200 points
2 Midterms	200 points
Final	200 points

The worst 8 homework, quizzes, Matlab Projects scores will be dropped.

Actively participating in class and working on extra credit problems (if possible) will help to improve your grade.