

Math 214 Differential Equations Spring 2012

Professor Margaret Readdy
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Office Hours: By appointment
<http://www.math.uky.edu/~readdy/214/>

- Text:** William Boyce and Richard DiPrima, **Elementary Differential Equations**, 8th edition.
- Material:** Chapters 1 through 9. Chapter 8 and some additional material will be omitted.
- Exams:** There will be two in-class exams held during the semester tentatively scheduled on Friday, February 17, 2012 and Friday, March 30, 2012.
- Final Exam:** The final exam is cumulative. It will be held during the Registrar's scheduled time.
- Quizzes:** A short quiz will be given during the last fifteen minutes of each Friday lecture, except during exam weeks. This will cover material from the previous week's Monday, Wednesday and Friday lectures.
- Attendance:** Students are expected to attend all of the lectures. Poor attendance will have a negative affect on your grade, especially if you are between two grades.
- Grading:** Each component of your coursework (quizzes, exam 1, exam 2, final) will be assigned a letter grade ranging from A+ to E, where A+ = 4.3, A = 4.0, A- = 3.7, ..., E = 0. Your final course grade will be computed using the following weighted average of the letter grades:

Quizzes	20 %
Exam # 1	25 %
Exam # 2	25 %
Final Exam	30 %

At the instructor's discretion, a particular component of your coursework may be curved.

- Cheating:** Don't do it. It is an extremely serious offense. As a minimum response, I will give a zero to the offender.

No cellphones, computers or calculators allowed during quizzes and exams. By University policy the use of such constitutes cheating.

Laptops and/or cellphones are not allowed to be used at anytime in the classroom without the instructor's prior consent.

Time and Place:

1:00 pm–1:50 pm, MWF, CB 339.

Lecturer:

Dr. Changyou (Bill) Wang, Assistant Professor of Mathematics.

POT 771, Phone 257-4734, E-mail: cywang@ms.uky.edu.

Textbook:

The textbook for this course is *Elementary Differential Equations and Boundary Value Problems* (8th Edition) by Boyce and Diprima.

Course Content: Cover from most of sections of Chapter 1 to Chapter 4, and first few sections from Chapter 5 to Chapter 7.

Prerequisite:

MA 213 or equivalent.

Tests:

There will be three one hour (Middle term) tests and one two hours final exam in the course according to the Schedule below.

Test	Date	Time and Place	To Cover Sections
# 1	Feb. 10	1:00 pm-1:50pm CB 339	Chapter 1 and 2
# 2	Mar. 09	2:00 pm -1:50 pm, CB 339	Chap. 3 and 0.5 of Chap. 4
# 3	April 12	1:00 pm-1:50 pm, CB 339	0.5 of Chap.4 and Chap. 5
Final	April 30	8:00 am -10:00 am, CB 339	Chapters 1- 7

Grading Policy:

Points will be awarded as follows: Each one hour exam is worth of 20%; Final exam is worth of 25%; Homeworks are worth of 15%. The course grading scale is the usual 100-90%, 89-80%, 79-70%,... for A, B, C,..., etc.

Makeup Tests:

Students should contact the lecturer to arrange a makeup test if they have a valid excuse. Students who know in advance they will be absent for a test should contact the instructor at least two weeks before the test date. An application for a makeup test because of illness must include the name of the attending physician.

I will be in my office at these times specifically to help you: TBA. You may also see me by an appointment via either email or phone or in person.

Homework:

Homework will be assigned on each session and will be collected next class time and returned at the next next class time. Approximated two problems are graded each time, but you need to complete all the home work assigned.