

MATH 555 - 12312 / Fall 2009

Differential Equations I

Class Time and Location:

Tuesday, Thursday, 11:00am – 12:15pm
Jabara Hall 336

Course Instructor: Tianshi Lu

Office hours: Jabara Hall 356, Tuesday 1:00pm - 2:00pm

Email: lu@math.wichita.edu

Course Website: http://www.math.wichita.edu/~lu/MATH555_F2009

Blackboard Access: <http://blackboard.wichita.edu/>

Textbook: Elementary Differential Equations. Ed. 9. *Boyce & DiPrima*.

Topics:

- Ch. 1. Introduction to differential equations
- Ch. 2. First order differential equations
- Ch. 3. Second order differential equations
- Ch. 5. Series Solutions of 2nd order linear equations
- Ch. 6. The Laplace transform

Homework:

Homework assignments will count for 10% of your final grade in the course. These homework assignments will be given weekly. The homework is meant to prepare you for the examinations. It is therefore essential that you try to do them all! **NO LATE** homework will be accepted.

Exam Dates:

Exam I: Thursday September 17, during class time, in Jabara 336.

Exam II: Tuesday October 20, during class time, in Jabara 336.

Exam III: Tuesday November 17, during class time, in Jabara 336.

Final (tentative): Thursday December 17, 1:00pm - 2:45pm, in Jabara 336.

All the exams will be in a “closed book, closed notes” format, but you are allowed to bring a **handwritten** “cheat sheet” to your exams. Final exam will be comprehensive.

Grade Policy:

The lowest score of the 4 exams will be dropped. The remaining 3 exam scores count for 30% each. Homework counts for 10%. A: 90-100%, B: 80-90%, C: 70-80%, D: 60-70%, F: 0-60%.

Cheating Policy: Cheating, to any degree, will result in an automatic failure of the course. Your best bet is to work hard for the course and make use of office hours. I welcome all your questions and will be willing to help as much as I can.

Disability Policy: If you have a physical, psychiatric/emotional, medical or learning disability that may impact your ability to carry out assigned course work, I would encourage you to contact the Office of Disability Services (DS). The office is located in Grace Wilkie Annex, Room 173. (Voice mail number is 978-3309; TTY phone number is 978-3067). DS will review your concerns and determine, with you, what accommodations are necessary and appropriate for you. All information and documentation of your disability is confidential and will not be released by DS without your written permission.