MATH 3410: Differential Equations I

Summer II 2017

Prerequisites: MATH 1720, MATH 2700 recommended (may be taken concurrently).


Course Contents: First-order equations, existence-uniqueness theorem, linear equations, separation of variables, higher-order linear equations, systems of linear equations, series solutions and numerical solutions. We will cover Chapters 2, 3, 4, 5, and 7 of the textbook.

Grading Policy: Your course grade will be determined by your performance on the homework and/or quizzes, the midterm examinations, and the comprehensive final examination, subject to the following guidelines:

- Homework: 20%
- Midterm 1: 20% (Thursday, Week 2)
- Midterm 2: 20% (Thursday, Week 4)
- Final Exam: 40% (Friday, Week 5)

Attendance: Attendance is not mandatory. However it is often the case that students with good attendance receive better grades. **There will be NO makeup quizzes or midterms.**

Disability: It is the responsibility of students with certified disabilities to provide the instructor with appropriate documentation from the Dean of Students Office.

Cheating: Cheating includes but is not limited to using others or forbidden information sources during a quiz or an exam. Anyone caught cheating will receive an F for the course. Furthermore, a letter will be sent to the appropriate dean.

Course Evaluation: The Student Evaluation of Teaching Effectiveness (SETE) is a requirement for all organized classes at UNT. This short survey will be made available to you at the end of the semester, providing you a chance to comment on how this class is taught. I am very interested in the feedback I get from students, as I work to continually improve my teaching.

An Important Note: Students may not apply both Math 3310 and Math 3410 toward a math minor.

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Email and Phone Number: jgliu@unt.edu, (940) 565-4703  
Class Web Page: http://www.math.unt.edu/~jliu  
Office Hours: Monday - Thursday, 2:00 - 4:00. (Students unable to see the instructor during these times may request an appointment.)