Math 302: Differential Equations with Application

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Introduction

How is this class organized

Grading

Suggestions
Introduction

- first order differential equations
- second and higher order linear differential equations
- systems of first order linear differential equations
- local linearization of nonlinear first order systems
- the Laplace transform and numerical methods
We have six sections

- **Section 1**: T 1:30-2:20 Croft Hall G02 TA: Costacurta
- **Section 2**: T 03:00-03:50pm Shaffer 300 TA: Dees
- **Section 3**: Th 03:00-03:50pm Hodson 301 TA: Chen
- **Section 4**: Th 04:30-05:20pm Croft Hall G02 TA: Lane
- **Section 7**: T 04:30-05:20pm Croft Hall G02 TA: Costacurta
- **Section 8**: Th 01:30-02:20pm Croft Hall G02 TA: Chen
Tests and assignments

- Homework: about 10 sets
- Quiz: about 5 times
- Exam: two midterms and one final. The first one is on Mar 2nd. The second one is on Apr 6th. Final exam is on May 11th.
Final: 40%
Midterms: 20% each (40% overall)
Quizzes/Homework: 20% overall

Approximately 30% will get A (includes A+ and A-). Another 30% will get B. The rest 40% will get C.
Academic integrity and Disability

In this course, you must be honest and truthful. Report any violations you witness to the instructor. Read the “Statement on Ethics” at the Ethics Board website for more information.

Students with documented disabilities or other special needs who require accommodation must register with Student Disability Services.
Policy

1. No late homework;
2. No cell phone in the class;
3. I do not check attendance. However, you are expected to attend every class. The course will pick up its pace gradually;
4. Please do not be late for the lecture and section.
Suggestions

▶ Math Help Room. Located in 213 Kreiger Hall – check link for when it is open. Offers additional help from math graduate students.
▶ PILOT Learning. A peer-lead team learning program.
▶ The Learning Den. Free tutoring offered by the university.
▶ Office Hour: T 10:00am-11:30am and Th 4:00-5:00pm or by appointment.
▶ Email me if you have any concern.
Listen and you will forget, learn and you will remember, do it yourself and you will understand.