

MAP 2302: Elementary Differential Equations

Spring 2017

Location: LIT 101
Time: MWF 10:40pm-11:30pm

Instructor: Michael Hull
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Office Hours: MWF 1pm-2pm

TA: James Diffenderfer
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Office: LIT 463
Office Hours: T 1:55pm-2:45pm in LIT 215, R 12:45pm-2:45pm in LIT 463

Course Description:

First-order ordinary differential equations, theory of linear ordinary differential equations, solution of linear ordinary differential equations with constant coefficients, the Laplace transform and its application to solving linear ordinary differential equations.

Textbook:

Fundamentals of Differential Equations (8th Edition) by Nagle, Saff, Snider.

Homework

Homework assignments for each section will be posted on my website. Homework will not be collected or graded, however keeping up with the homework is crucial in order to be successful in this class. Students should complete the homework assignment for a given section within 2 days of that section being covered in class.

Exams

There will be three in-class midterm exams and a cumulative final exam. Each exam will count for 25% of a student's final grade in the course. Students who expect to have conflicts with the exam times should make arrangements with the instructor as soon as possible. Make-up exams will be given only under extraordinary circumstances. Tentative dates for the exams are:

Exam 1: 1/30/17

Exam 2: 2/24/17

Exam 3: 3/29/17

Final Exam: 4/27/17, 3:00pm-5:00pm

Grades

The average of the scores on the 4 exams will be used to compute a student's grade in the course. Final grades are then assigned according to the standard scale: 93-100 A, 90-92 A-, 87-89 B+, 83-86 B, 80-82 B-, 77-79 C+, 73-76 C, 70-72 C-, 67-69 D+, 63-66 D, 60-62 D-, 0-59 E.

Disability Accommodation

Students with disabilities requesting accommodations should first register with the Disability Resource Center (352-392-8565, www.dso.ufl.edu/drc/) by providing appropriate documentation. Once registered, students will receive an accommodation letter which must be presented to the instructor when requesting accommodation. Students with disabilities should follow this procedure as early as possible in the semester.

Course Evaluation

Students are expected to provide feedback on the quality of instruction in this course by completing online evaluations at <https://evaluations.ufl.edu> during

the last two or three weeks of the semester. Summary results of these assessments are available to students at <https://evaluations.ufl.edu/results/>.