

MAP 2302

Elementary Differential Equations

Instructor Information

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Course Description

MAP 2302 is designed to serve for the students in engineering, physics, and mathematics. The course gives the fundamental knowledge necessary for understanding and solving differential equations of the most basic types and applying this knowledge to real life phenomena.

Pre-requisites

MAC 2312: Calculus 2

Required Materials

Fundamentals of Differential Equations and Boundary Value Problems (6th edition) by R. Kent Nagle, Edward B. Saff, and Arthur David Snider.

There will NO calculators allowed in the exams, so it is recommend you attempt the homework without one.

Canvas

Canvas is located at <http://lss.at.ufl.edu>. Use your Gatorlink name and password to login. Your instructor will post your grades for the course on Canvas. It is your responsibility to check your grade is posted correctly and any discrepancy must be addressed within one week of posting.

Course Breakdown

Quiz 1	5 points
Quiz 2	5 points
Quiz 3	5 points
Exam 1	25 points
Exam 2	25 points
Final Exam	35 points
Total	100 points

Homework

There will be a list of suggested homework problems. These problems will not be collected but it is imperative that you do them in order to practice for the exams.

In-Class Quizzes

There will be 3 in-class quizzes on the dates indicated on the calendar, each taking approximately 10-15 minutes. They are worth 5 points each.

Tests

There will be two mid-terms worth 25 points and a cumulative final worth 35 points. They will be in-class exams and occur on the dates indicated in the calendar and below.

Exam 1	May 20th
Exam 2	June 3rd
Final	June 17th

Grade Scale

Points	Grade
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

Make-ups

Make-up exams and quizzes will be given to students who miss exams for valid reasons. In general, acceptable reasons for absence from class include illness, serious family emergencies, special curricular requirements (e.g., field trips, professional conferences), military obligation, severe weather conditions, religious holidays and participation in official university activities such as music performances, athletic competition or debate. Absences from class for court-imposed legal obligations (e.g., jury duty or subpoena) must be excused. Other reasons also may be approved. In addition, if you are already aware of a conflict with an exam date, then you need to discuss this with your instructor within the first two weeks of class.

Incompletes

Students who are currently passing and have successfully completed a majority of a course but are unable to complete the course because of illness or emergency may be granted an incomplete grade of “I” which will allow the student to complete the course within the first two weeks of the following semester. Note that incomplete grades are limited to those students who can verify and document a valid reason for not being able to take the final exam. If you meet the criteria and you wish to take an incomplete grade, you must see the instructor during office hours before finals week to be considered for an “I”. A grade of “I” only allows you to make up your incomplete work, not redo your work.

Students with Disabilities

UF welcome students with disabilities into the UF programs. If you have a disability and need accommodations in this course, contact the office of Disability Resources Center (352-392-8565, www.dso.ufl.edu/drc). The DRC will provide documentation to the student who must then provide this documentation to the instructor.

Evaluations

Students evaluations of the course: Students are expected to provide feedback on the quality of instruction in this course based on 10 criteria. These evaluations are conducted online at <https://evaluations.ufl.edu>. Evaluations are typically open during the last two or three weeks of the semester, but students will be given specific times when they are open. Summary results of these assessments are available to students at <https://evaluations.ufl.edu/results>.

Academic Honesty

All students are required to abide by the Academic Honesty Guidelines which have been accepted by the University. The academic community of students and faculty at the University of Florida strives to develop, sustain and protect an environment of honesty, trust, and respect. Students are expected to pursue knowledge with integrity. Exhibiting honesty in academic pursuits and reporting violations of the Academic Honesty Guidelines will encourage others to act with integrity. Violations of the Academic Honesty Guidelines shall result in judicial action and a student being subject to the sanctions in the Student Code of Conduct. The conduct set forth hereinafter constitutes a violation of the Academic Honesty Guidelines (University of Florida Rule 6C1-4.017).

Any suspicious activity during quizzes or exams or plagerism on the homework will be considered as cheating and violators will be taken to honor court where you may face automatic failure or even expulsion. At the very least, you will receive a zero for the assignment/ assessment and you will not be allowed any additional attempts.