MAP 2302 Elementary Differential Equations   **Summer A 2020**

Instructors:

Jason Harrington   Calistus Ngonghala   Patrick Carmichael
mathguy@ufl.edu   calistusnn@ufl.edu   carmichael@ufl.edu

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.

Prerequisites: MAC 2312, MAC 2512 or MAC 3473 with a minimum grade of C.

Textbook: R. Kent Nagle, Edward B. Saff and Authur David Snider. Fundamentals of differential equations and boundary value problems. Seventh Edition. (Pearson) (2019). ISBN: 978-0321977106

Office Hours: Will be posted in Canvas

Grades:
Here is a breakdown of the items that will determine your grade in this course:

Item	Grade %	Comments
Homework	8%	24 assignments, no drops
Quizzes	12%	8 assignments, lowest 2 dropped
Exams	60%	3 exams with two attempts each
Final Exam	20%	Cumulative exam, June 19
Bonus	up to 2%	Based on participation in Canvas Discussions

Note: The Canvas Gradebook is programmed to handle the drops mentioned above. Drops will appear in gray in the Gradebook and will change as you acquire more scores.

We will use the following scale:

A [90,100]   A- [87,90)   B+ [83,87)   B [80,83)   B- [77,80)   C+ [73,77)   C [68,73)
C- [64,68)   D+[62,64)   D [57,62)   D- [55,57)   E [0,55)

Your grade is your responsibility. You have exactly one week once your assignment has been graded to discuss that grade. After that week, the grade is final. No additional points will be awarded to "boost" your grade.

Homework: Exercises will be assigned daily in Canvas and due the next day at 1 PM. You may request a 24-hour extension if you need, but work done after the original deadline will be penalized 20%.

Quizzes: Quizzes will be on Wednesdays and Fridays, except on days with exams

Exams: There will be 3 midterm exams in addition to the final exam. The exam dates are provided on the course schedule. Exams will be open in Canvas from 1PM to 11:59PM on their date, and you may take each exam up to two times. Exam assignments will be proctored using HonorLock.

Final Exam: June 19

Attendance Policy: Makeup exams will only be given in case of documented illness or for students participating in official College events. All late work will be penalized. Students will **NOT** be given the opportunity to complete old assignments at the end of the semester to improve their grades. Requirements for class attendance and make-up exams, assignments, and other work in this course are consistent with university policies that can be found at https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx

Calculator Policy: You may need a scientific calculator, or graphing calculators to help with homework questions. Calculators will not be allowed on exams.

Online course evaluation: 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

Academic Honesty: On all work submitted for credit by students at the University of Florida, the following pledge is either required or implied:
"On my honor, I have neither given nor received unauthorized aid in doing this assignment."
The UF honor code is available here: https://www.dso.ufl.edu/sccr/process/student-conduct-honor-code/

Students with Disability: Students with disabilities who experience learning barriers and would like to request academic accommodations should connect with the disability Resource Center by visiting disability.ufl.edu/students/get-started. It is important for students to share their accommodation letter with their instructor and discuss their access needs, as early as possible in the semester

Resources: Free tutoring is available at the Teaching Center which is located on the ground level of SW Broward Hall. The regular hours are Monday-Friday, 8am-5pm. Please check the website http://www.teachingcenter.ufl.edu/ for any changes.

* We reserve the right to make changes to this syllabus if needed. Please check Canvas for changes.

MAP2302 Summer A 2020 Schedule

	Monday	Tuesday	Wednesday	Thursday	Friday
May 11 – 15	1.1/1.2/1.3	1.3/1.4	2.2/2.3 Quiz 1	2.3/2.4	2.5 Quiz 2
May 18 – 22	2.6	3.2	3.3 Quiz 3	3.5	Review Exam 1
May 25 – 29	**Holiday: Memorial Day**	4.1/4.2	4.3 Quiz 4	4.4	4.5 Quiz 5
June 1 – 5	4.6	4.7	4.8 Quiz 6	4.9	Review Exam 2
June 8 – 12	7.1/7.2	7.3	7.4 Quiz 7	7.5	7.6 Quiz 8
June 15 – 19	7.7	7.8	Exam 3	Review	Final Exam

Exam Dates

Exam 1   May 22
Exam 2   June 5
Exam 3   June 17
Final Exam   June 19