

## MAP 2302 Elementary Differential Equations

Summer B 2020

**Instructor:** Daniel Kutor, [kutord@ufl.edu](mailto:kutord@ufl.edu)

**Time:** MTWRF, period 4, 12:30 PM – 1:45 PM

**Location:** Online through Zoom

**Office Hours:** Tuesday 2:30 – 3:30pm, Thursday 10 – 11am

**Textbook:** R. Kent Nagle, Edward B. Saff and Authur David Snider. Fundamentals of differential equations and boundary value problems. Seventh Edition.

**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 and with additional topics and solution strategies as time permits

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

**Homework:** Practice is essential for developing competency in the techniques in this class. Assignments will be provided for practice but will not be collected at regular intervals throughout the term.

**Exams:** There will be four in-class exams each graded on a point scale of 100 points. The lowest of the first three will be dropped. Tentative dates are as follows:

Exam 1:	7/15, Wednesday
Exam 2:	7/29, Wednesday
Exam 3:	8/5, Wednesday
Exam 4:	8/13, Thursday

**Grades:** Grading will be in accordance with UF policy laid out at <https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx>.

Due to the pacing of the class during the summer term, grades will be determined entirely by the three exams (two of exams 1- 3, and exam 4). Letter grades will be awarded by the following scale:

A	90% - 100%		C	70%-73%
A-	87% - 89%		C-	67%-69%
B+	84% - 86%		D+	64%-66%
B	80% - 83%		D+	60%-63%
B-	77% - 79%		D-	57%-59%
C+	74% - 76%		E	0%-56%

**Attendance and Make-up Policy:** Attendance of each lecture is strongly recommended. Makeup exams will be given only under conditions proscribed by UF's guidelines (<https://catalog.ufl.edu/UGRD/academic-regulations/attendance-policies>). In accordance with these policies, it is the responsibility of the student to notify the instructor in advance of any religious holidays or university sponsored event to make any accommodations.

**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/>

**Calculator Policy:** You may need a scientific calculator, or graphing calculators to help with homework/practice 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://gatorevals.aa.ufl.edu/>