



Elementary Differential Equations Fall 2019

Course: Elementary differential equations MAP 2302, section 3228

Meeting time and place: LIT 0127, MWF 7th period

Instructor: Jindrich Zapletal

Office: 456 Little Hall, office hours MWF 5:30–7:00pm

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Textbook: FUNDAMENTALS OF DIFFERENTIAL EQUATIONS AND BOUNDARY VALUE PROBLEMS, Nagle, Saff and Snider, 7th Ed. The All Access instructions for purchasing the e-text are [here](#).

Brief description: We will cover roughly chapters 1 through 8. This includes among other things linear differential equations with constant coefficients, systems of differential equations, and the Laplace transform. We leave out Chapter 6 entirely and only the first couple of sections of Chapter 8 will be covered .

Grading system: There will be two in-class midterms and a final, all of the same weight. All of them are open notes exams. The first midterm covers Chapters 1, 2, and 3, the second midterm covers Chapters 4 and 5, and the final covers Chapters 7 and 8 (i.e. the final is not cumulative). The dates of the midterms are Sep 25 and Oct 30, both Wednesdays; the final will take place on Thursday, Dec. 12th, 10:00am–12:00 noon in LIT0127 (the usual class meeting place). Homework will be assigned at the end of almost every lecture; these assignments will not be collected or graded. Attendance will not be taken. The total grade will be determined using a straight scale (i.e. A=94–100, A–=90–93 etc.)

Further administrative matters: Requirements for class attendance and make-up exams, assignments, and other work in this course are consistent with university policies that can be found in the online catalog at: <https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx>.

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/>.

Students requesting classroom accommodation must first register with the Dean of Students Office. The Dean of Students Office will provide documentation to the student who must then provide this documentation to the Instructor when requesting accommodation.

UF students are bound by The Honor Pledge which states, “We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honor and integrity by abiding by the Honor Code.” 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 Honor Code (<http://www.dso.ufl.edu/sccr/process/student-conduct-honor-code/>) specifies a number of behaviors that are in violation of this code and the possible sanctions. Furthermore, you are obligated to report any condition that facilitates academic misconduct to appropriate personnel. If you have any questions or concerns, please consult with the instructor or TAs in this class.

