



Elementary Differential Equations Fall 2016

Course: Elementary differential equations MAP 2302, section 1G33

Meeting time and place: LIT 0205, MWF 8th period

Instructor: Jindrich Zapletal

Office: 456 Little Hall, office hours MWF 9th period

Contact: zapletal@math.ufl.edu, 352-294-2343

Textbook: FUNDAMENTALS OF DIFFERENTIAL EQUATIONS AND BOUNDARY VALUE PROBLEMS, Nagle, Saff and Snider, 8th Ed.

Brief description: We will cover chapters 1 through 8. This includes among other things linear differential equations with constant coefficients, Laplace transform, and power series solutions. Several sections of Chapter 3, 5, and 6 will be left out.

Grading system: There will be three in-class midterms and a final, all of the same weight. The exams are open book open notes. The first midterm covers Chapters 1, 2 and 3, the second midterm covers Chapters 4,5 and 6, the third midterm covers Chapter 7, the final covers Chapter 8 (i.e. the final is not cumulative). The dates of the midterms are Sep 14, Oct 12, Nov 16, all Wednesdays; the final will take place on Monday, Dec 12, 12:30–2:30pm. 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.)

Sample exams 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/scor/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.