

MAP 2302: Elementary Differential Equations, Spring 2018

Location: Little Hall 217

Time: MWF period 6, 12:50-1:40 PM

Instructor: Libin Rong

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Office: Little Hall 419; **Phone:** 352-294-2394

Office hours: MW period 7, 1:55-2:45 PM or by appointment

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:** Grade C or better in MAC 2313, MAC 2512 or MAC 3473

Textbook and Homework: Fundamentals of Differential Equations (9th Ed.) by Nagle, Saff, Snider. Chapters 1, 2, 4, and 7 will be covered. If time permits, some sections of Chap. 3 and 6 will also be covered. We will use Pearson's my math lab. Students are expected to purchase the access to Pearson, which includes an E-book plus many online resources (problems, videos etc). It is cheaper than the hardcopy book. HW will be assigned there. See the registration instruction. https://portal.mypearson.com/course-home/handout/rong95907/Student_Registration_Handout_rong95907.pdf

Exams: There will be three midterm tests and one final exam each with 100 points. The lowest of the three midterm tests will be dropped. Tentative dates for the exams are:

Midterm Test 1: 1/31/18; Test 2: 2/23/18; Test 3: 3/30/18; Final Exam: 4/23/18

Grades: HW counts for 25%, two tests count for 50% and final exam counts for 25%. Final grades are assigned according to the scale: 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. More information on UF's grades can be found at <https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx>

Attendance and make-up policy: Attendance of each class is expected. Because the lowest midterm test is dropped, no make-up midterms will be given. If students miss more than one test, make up can be given only under extraordinary circumstances with a documented excuse (usually it is doctor's note). More information on UF's attendance policy can be found at <https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx>

Disability Accommodation: Students with disabilities requesting accommodations should first register with the Disability Resource Center (352-392-8565, www.dso.ufl.edu/drc/) by providing appropriate documentation. Once registered, students will receive an accommodation letter, which must be presented to the instructor when requesting accommodation. Students with disabilities should follow this procedure as early as possible in the semester.

Course evaluation: Students are expected to provide feedback on the quality of instruction in this course by completing online evaluations 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 time when they are open. Summary results of these assessments are available to students at <https://evaluations.ufl.edu/results/>

Academic Honesty: Students are expected to know and follow the Code of Student Conduct, which can be found at <https://www.dso.ufl.edu/sccr/process/student-conduct-honor-code/>

U Matter We Care: Your wellbeing is important to the UF. The U Matter, We Care initiative is committed to creating a culture of care on our campus by encouraging members of our community to look out for one another and to reach out for help if a member of our community is in need. If you or a friend is in distress, please contact umatter@ufl.edu so that the U Matter, We Care Team can reach out to the student in distress. A nighttime and weekend crisis counselor is available by phone at 352-392-1575. The U Matter, We Care Team can help connect students to the many other helping resources available including, but not limited to, Victim Advocates, Housing staff, and the Counseling and Wellness Center. Please remember that asking for help is a sign of strength. In case of emergency, call 9-1-1.