

MAP 2302: Elementary Differential Equations, Fall 2017

Location: Little Hall 205

Time: MWF period 7, 1:55-2:45 PM

Instructor: Libin Rong

Email: libinrong@ufl.edu; **Website:** <https://people.clas.ufl.edu/libinrong/>

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

Office hours: MW period 8, 3-3:50 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: 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.

Homework: Homework will be assigned on a regular basis but won't be collected or graded. However, keeping up with the homework is extremely important in order to be successful in this course.

Exams: There will be four in-class exams each with 100 points. Only the best three exams will be used to determine the final grade. Tentative dates for the exams are:

Exam 1: 9/15/17; Exam 2: 10/13/17; Exam 3: 11/8/17; Exam 4: 12/4/17

Grades: Grades are determined by the best three exams (300 points in total). Approximate lower bounds for letter grades are **A:** 270 points or higher; **B:** 230 points or higher; **C:** 200 points or higher; **D:** 160 points or higher; **E:** below 160 points. 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 worst exam will be dropped, no make up will be given. Students are strongly encouraged to take all exams on time. If students miss more than one exam, then make up can be given only under extraordinary circumstances with a documented excuse. 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.