

Instructor: Dr. Laura Rider
Office: 633 Boyd
Office Hours: 1:50-2:50T, 1:15-2:15F (tentative), by appointment
Email: laurajoy@uga.edu
Webpage: <https://faculty.franklin.uga.edu/laurajoy/content/M2700S2018>
Meetings: 12:30 - 1:45 TTh in 322 Boyd
Text: *Differential Equations*, 4th edition by Blanchard, Devaney, and Hall.

Description In this course, we will begin the study of ordinary differential equations. These equations model changes in real world systems, and their solutions help us to understand the long-term behavior of a system based on the short-term information given by the differential equation(s). We will employ analytic, geometric, and numerical techniques throughout the course. We'll focus on chapters 1-4, and 6 of the text (omitting a few sections).

Grading Your grade will be determined by

Quizzes, homework, and participation:	15%
3 in-class exams:	60%
Final exam (comprehensive):	25% (Thursday, May 03, 12-3pm)

Attendance You are expected to attend class every day, read the textbook, and do homework regularly. Students who incur an excessive number of absences may be withdrawn from the course at the discretion of the instructor. (Excessive means four or more unexcused absences.) You are (strongly) encouraged to attend office hours; however, I expect that you will have thought about the questions you would like to ask before you come.

Additional Resources The Division of Academic Enhancement offers free tutoring. Information is available here: <http://dae.uga.edu> and here: <http://dae.uga.edu/tutoring/>. The math department runs study halls (4-8pm MTWTh) in Boyd staffed by graduate students. See <http://www.math.uga.edu/studyhall> for more information.

Academic Honesty *As a University of Georgia student, you have agreed to abide by the University's academic honesty policy, A Culture of Honesty, and the Student Honor Code. All academic work must meet the standards described in A Culture of Honesty found at: <https://ovpi.uga.edu/academic-honesty/academic-honesty-policy>. Lack of knowledge of the academic honesty policy is not a reasonable explanation for a violation. Questions related to course assignments and the academic honesty policy should be directed to the instructor.*

Disclaimer The course syllabus is a general plan for the course; deviations announced to the class by the instructor may be necessary.