Math 3331, Ordinary Differential Equations. Sanders, Fall 2018

Prerequisite: Math 2331 and Math 2433. No Matlab.


Exams: Three midterm exams (3 × 20%) and a cumulative final exam (40%).

Reading: Chapter 2: First-Order Equations
Chapter 3: Modeling and Applications
Chapter 4: Second-Order Equations
Chapter 6: Numerical Methods
Chapter 7: Matrix Algebra
Chapter 8: An Introduction to Systems
Chapter 9: Linear Systems with Constant Coefficients
Chapter 10: Nonlinear Systems (if time permits)

• I will give you a one week heads-up before each midterm exam.
• You must take the final exam and at the scheduled date and time.
• I will not give incompletes.

Homework and additional notes will be posted on my web page: http://www.math.uh.edu/~sanders.

Your final grade will be based on the total of your three exams (3 × 20%) and final (1 × 40%).

I guarantee a total average of 90% will at least earn a class grade of A−, 80% a B−, etc. Depending on the class however, I will almost certainly curve down from these target total scores.