

Differential Equations

MA 650-2C, Fall 2023

Instructor: Dr. Y. Zeng, UH 4012, ynzeng@uab.edu

Time & Location: Tuesday and Thursday, 11:00am – 12:15pm, UH 4002

Office Hours: Tuesday and Thursday, 1pm – 2pm (or by appointment)

Text: Ravi P. Agarwal and Donald O'Regan, *An introduction to Ordinary Differential Equations*, Springer, New York, 2008

Reference:

- William E. Boyce and Richard C. DiPrima, *Elementary Differential Equations*, 10th Edition, John Wiley & Sons, 2012
- Fred Brauer and John A. Nohel, *The Qualitative Theory of Ordinary Differential Equations, An Introduction*, Dover Publications, 1989

Important dates:

- First day of classes: August 21
- Last day to drop without paying full tuition: August 28
- Labor Day Holiday: Monday, September 4
- Midterm exam: near Tuesday, October 3 (The date is approximate and may be slightly shifted due to unforeseen circumstances.)
- Last day to withdraw with a “W”: October 13
- Fall/Thanksgiving Break: November 20–26
- Last day of class: December 1

Grading Policy:

Homework assignments	50 %
Midterm exam (in-class; closed book)	20 %
Final exam (take-home)	30 %

Homework Assignments: Homework will be assigned weekly on Tuesday and due the following Tuesday, unless announced otherwise. Homework will NOT be accepted late. However, the two lowest homework grades will be dropped to account for any missed assignments due to illness or any other circumstance. I am not planning on accepting any excuses except in extraordinary circumstances AND you have missed two assignments.

DSS Accommodation: If you wish to request a disability accommodation, please contact DSS at 934-4205 or dss@uab.edu