

Math Sciences Building 311

Monday, Wednesday, Friday, 2:30 - 3:20

This syllabus contains the policies and expectations that the instructor has established for this course. Please read the entire syllabus carefully before continuing in this course. These policies and expectations are intended to create a productive learning atmosphere for all students. Unless you are prepared to abide by these policies and expectations, you risk losing the opportunity to participate further in the course.

Instructor: Prof. Matthew Badger (matthew.badger@uconn.edu)

Office: Math Sciences Building 204

Office Hours: Monday, Wednesday, Friday, 10:40-11:40, and by appointment

Course Description

Introduction to ordinary differential equations and their applications, linear differential equations, systems of first order linear equations, numerical methods.

Required Resources

- **Course Webpage:** www.math.uconn.edu/~badger/ → Link to Math 2410, Section 11
- **HuskyCT:** huskyct.uconn.edu — for class announcements and grade sheet
- **Textbook:** Blanchard, Devaney, and Hall, *Differential Equations*, 4th Edition, Chapters 1–6.

About Attendance

Students are expected to regularly attend and participate in lectures. Your effort will help make the class better for everyone.

Schedule

A rough outline for the course and suggested homework problems is available on the common website for Math 2410: courses.math.uconn.edu/spring2016/math-2410-outline/

Graded Components

- **Class Participation**

Class participation includes attendance and active participation during lecture.

- **Quizzes**

There will be weekly quizzes in class on Fridays throughout the semester, starting on Friday, January 29. Quizzes are in lieu of homework.

- **Midterm**

There will be two midterm exams in class. Dates will be announced in class and on HuskyCT. There will be no make-ups for missed midterms. Instead, if you miss a midterm, your final exam grade will be substituted.

- **Final Exam**

There will be one comprehensive final exam during finals week as scheduled by the Registrar.

The *final grade* for the class will be based on your course average (see below). Your *course average* will be determined by the following calculation:

- 10% Class Participation, 30% Quizzes, 15% Midterm #1, 15% Midterm #2, 30% Final Exam

If you do better on the final exam than you did on quizzes and/or on the midterms, this will *positively affect* your final grade.

Disability Support Services

If you have a physical, psychological, medical, or learning disability that may impact your course work, please contact the Center for Students with Disability:

(<http://www.csd.uconn.edu/>).

They will determine with you what accommodations are necessary and appropriate. All information and documentation is confidential.

Academic Integrity

Each student must pursue his or her academic goals honestly and be personally accountable for all submitted work. Representing another person's work as your own is always wrong. Faculty are required to report any suspected instance of academic dishonesty to Community Standards. For more comprehensive information on academic integrity, please refer to the Undergraduate Academic Integrity Policy:

(<http://community.uconn.edu/the-student-code-appendix-a/>).

Syllabus Revision

The standards and requirements set forth in this syllabus may be modified at any time by the course instructor. Notice of such changes will be by announcement in class and changes to this syllabus will be posted on the course website.