Math 2410, Section 11, Elementary Differential Equations, Fall 2016 — Syllabus

Monteith 421 — Monday, Wednesday, Friday, 12:20 – 1:10

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: Monteith 326
Office Hours: Tuesdays 2:00–3:15pm, Wednesdays 1:25–2:15pm. ***Not available:*** *10:10am–1:10pm daily*

Course Description: First-order differential equations (including Euler's method), first-order systems, linear systems, forcing and resonance, nonlinear systems, Laplace transforms. Focus on analytic methods for solution and qualitative analysis.

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.

Graded Components

- **Class Participation**: attendance and **active participation** during lecture.
- **Midterm**
  There will be three midterm exams in class. The dates for the midterms are Friday, September 23; Friday, October 21; and Friday, November 18. 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) and your progress in the course. Your *course average* will be determined by the following calculation:

- 10% Class Participation, 60% Midterms (20% each), 30% Final Exam

If you do better on the final exam than on the midterms, this will *positively effect* 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.

Current as of: August 17, 2016