Math 2410Q Syllabus
Elementary Differential Equations

Course: Math 2410Q Elementary Differential Equations
Lecture: Section 008, TuTh 9:30 - 10:45am in room MONT 112
Instructor: Brandon Alberts
Office Hours: TuTh 11:00am-12:00pm, W 9:30-10:45am, or by appointment in room MONT 125
Contact: HuskyCT messages or email: brandon.alberts"at"uconn.edu. Please allow up to 24 hours for me to respond, especially for scheduling a meeting.

Course Description: Qualitative, analytical and numerical methods for first and second order single ordinary equations as well as first order constant coefficient linear system and some special nonlinear systems. Laplace transform and its application to differential equations.
Prerequisites: Math 1132, or 121. Recommended preparation: a grade of C- or better in Math 1132; and Math 2110 or 220. Not open for credit to students who have passed Math 2420. Open to sophomores or higher.
Required Materials (available at the UConn Bookstore):

1. *A First Course in Differential Equations wih Modeling Applications* (11th edition) by Dennis G. Zill
2. A WebAssign code. This can be purchased as a bundle with the textbook through the UConn Bookstore. Alternatively a code can be purchased directly from WebAssign and the textbook purchased elsewhere.

	Percent of Grade	Dates
Homework	15%	weekly
Exam 1	25%	Thursday September 26th
Exam 2	25%	Thursday November 7th
Final Exam	35%	to be announced by the Registrar

Homework: The homework will be assigned weekly and graded through WebAssign, which is accessible on the HuskyCT webpage for the course. Assignments can be extended for two days past the deadline for a 50% penalty on any new questions answered.
Exams: The exams will be given in class. No calculators, cellphones, computers, or notes will be allowed during the exams. The use of any prohibited materials may result in recieving a grade of 0 on the exam.
Final Exam: The Final Exam will be cumulative, covering all material taught in the course. It will be scheduled according to the university wide Registrar's schedule of final exams.

Makeup Policy: In general, you will not be allowed to make up any exams, quizzes, or homework. In circumstances where you have a medical, family or personal emergency which prevents you from submitting your work on time, a proof in the form of doctors note excusing you from work (because of medical emergency), or an email from your parent (about family/personal emergency) will need to be provided. If you are an athlete who will miss class time, quizzes, homework, worksheets or exams, you will need to ask your athletic advisor to send an email to your instructor stating the circumstances for the absence. You may be required to contact the Dean of Students office to get approval for any make-up work. **You should alert your instructor of an excused absence as soon as possible.**

Grades: Grades will be posted on HuskyCT within two weeks of the completion date. The base grading scale is as follows:

Grade	Letter Grade	GPA
93-100	A	4.0
90-92	A-	3.7
87-89	B+	3.3
83-86	B	3.0
80-82	B-	2.7
77-79	C+	2.3
73-76	C	2.0
70-72	C-	1.7
67-69	D+	1.3
63-66	D	1.0
60-62	D-	0.7
<60	F	0.0

The instructor reserves the right to lower the grade cutoffs during the semester, and will not announce the final grading scale until after the final exam is graded.

Student Responsibilities and Resources: As a member of the University of Connecticut student community, you are held to certain standards and academic policies. In addition, there are numerous resources available to help you succeed in your academic work. Review these important standards, policies and resources, which include:

- The Student Code
- Academic Integrity
- Resources on Avoiding Cheating and Plagiarism
- Copyrighted Materials
- Netiquette and Communication
- Adding or Dropping a Course
- Academic Calendar
- Policy Against Discrimination, Harassment and Inappropriate Romantic Relationships
- Sexual Assault Reporting Policy

Students with Disabilities: The University of Connecticut is committed to protecting the rights of individuals with disabilities and assuring that the learning environment is accessible. If you anticipate or experience physical or academic barriers based on disability or pregnancy, please let me know immediately so that we can discuss options. Students who require accommodations should contact the Center for Students with Disabilities, Wilbur Cross Building Room 204, (860) 486-2020 or http://csd.uconn.edu/. Blackboard measures and evaluates accessibility using two sets of standards: the WCAG 2.0 standards issued by the World Wide Web Consortium (W3C) and Section 508 of the Rehabilitation Act issued in the United States federal government. (Retrieved March 24, 2013 from Blackboards website)