Math 2410Q Remote Learning Syllabus
Elementary Differential Equations

In light of the COVID-19 outbreak, the University of Connecticut has temporarily moved all instruction online. All information for the new course structure will be kept on this syllabus. At the current time, courses are online for the remainder of the spring 2020 semester, including final exams.

Given the evolving nature of the current situation, this revised syllabus reflects the change to online instruction for the remainder of the semester. Components of the syllabus that are directly affected by these changes have been placed in a gray box with red border, like this section; further changes (if any) will be communicated in a timely manner.

Course: Math 2410Q Elementary Differential Equations

Lecture: Section 003, TuTh 3:30 - 4:45pm
Section 017, TuTh 2:00 - 3:15pm

Lecture will take place online during the regularly scheduled class time. You can access the "Virtual Meeting Room" on HuskyCT, or you can follow the link https://uconn-cmr.webex.com/meet/bra18009. The meeting room can be joined on a smart phone or a computer. You can access it via a "desktop app" or a "smart phone app", which will prompt you to download the app onto your device. You can also access the meeting room via a "web app", which will access the room in your web browser and requires no downloads.

Lecture Videos will be uploaded to HuskyCT.

Instructor: Brandon Alberts

Virtual Office Hours: Thursday 9:00am - 10:30am, or by appointment

Virtual office hours will take place online, and will use the same WebEx "Virtual Meeting Room" as the Lecture.

Piazza Office Hours: Tuesday 9:00am - 10:30am and Wednesday 3:45pm - 4:45pm

I will log onto the Piazza page for the course at least once a day to read and answer questions, but the time I am able to log on will vary depending on my schedule. My "Piazza Office Hours" are a time period that I will be guaranteed to be on Piazza and answering questions.

Email: brandon.alberts"at"uconn.edu

During the online portion of this class, you will be expected to follow these email guidelines:

- All emails must contain the course number, Math 2410, in the subject line.
- I will no longer be responding to homework questions or other questions on the course material via email. You should ask these questions on Piazza.

Please allow up to 1 business day for me to respond, especially for scheduling a meeting. Response times may be slower during the initial transition to online courses, as your instructors may be very busy with answering student questions and working with their departments to create the online courses.

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.

Prerequisite: Math 1132. Recommended preparation: a grade of C- or better in Math 1132; and Math 2110. 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.
3. Reliable Internet Access.

We will still be having quizzes and exams. Quizzes will still be open notes and allow partners, but otherwise no other material will be allowed on quizzes or exams including, but not limited to, calculators, textbooks, outside help, or other online resources. The use of any prohibited material may result in receiving a grade of 0 on the assessment.

	Percent of Grade	Dates
Homework	10%	weekly
Review Quizzes	10%	weekly
Exam 1	25%	Thursday February 20th
Exam 2	25%	Thursday April 9th
Final Exam	30%	to be announced by the Registrar

Homework: The homework for this course remains unchanged during our time as an online course.

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.

Review Quizzes:

Review Quizzes will now take place in HuskyCT. You and your partner will have from 12:01am to 11:59pm Eastern Standard Time to complete the quiz, they will be graded out of ten (10) points, and will be available to take every Thursday (except for exam days). The quizzes will be **cumulative**, **open notes** (you are allowed to use your notebook or any pre-prepared formula sheets), and you may **work with a partner**.

Quiz 7 will be a **practice quiz** in the new format: as long as you submit something, you will receive full credit and the score of Quiz 7 will replace your lowest quiz grade.

Answers should be uploaded as a single PDF file, with one question per page. You can use a scanner app on your smartphone inorder to scan your work on paper into a single PDF document. I recommend "Adobe Scan", and other options include "CamScanner", or "Tiny Scanner".

Exams:

Exams will be given through HuskyCT, and you will upload answers similar to how you take the review quizzes. Exams will be closed note and you may **not** work with another student.

Exams will take place **during the normal class time**, and will be proctored through WebEx. You must have a working webcam, or working camera on your smartphone, in order to take the exam. The exams will be timed for 75 minutes, plus 20 minutes to allow for time to take and upload pictures of your work.

Final Exam:

The Final Exam will be given through HuskyCT, and you will upload answers similar to how you take the review quizzes. The Final Exam will be closed note and you may **not** work with another student.

The Final Exam will take place **during the time scheduled by the registrar**, and will be proctored through WebEx. You must have a working webcam, or working camera on your smartphone, in order to take the exam. The final exam will be timed for 120 minutes, plus 20 minutes to allow for time to take and upload pictures of your work.

Makeup Policy: In general, you will not be allowed to make up any exams, quizzes, or homework. In light of the unusual circumstances, we address some specific circumstances for missed work below. **You should alert your instructor of a potential excused absence as soon as possible.**

1. **It will not be possible to complete your coursework early, especially exams.** Your instructors are creating these online courses on short notice, and there is simply not enough time to prepare material early for some students. If you are excused from any part of the course, you should expect to have to make-up the missed material at a later date.

2. If you are under self-quarantine at your home because you may have been exposed to COVID-19, but you *are not currently experiencing symptoms*, you will still be expected to complete your online coursework as scheduled.

3. If you have a medical emergency, or are otherwise too sick to complete your work, please contact your instructor directly.

4. If you have a family or personal emergency which prevents you from submitting your work on time, please contact your instructor. You may be asked for an email from a parent or guardian, or to have you absence verified by the Dean of Students office.

5. If you are prevented from submitting your work on time by a university sanctioned event, such as an athletic event, you will need your supervisor for the event (such as your coach or athletic advisor) or the Dean of Students office to contact your instructor directly to verify your absence.

6. Anyone who needs to miss or reschedule a final exam *for any reason*, must contact the Dean of Students office directly to get permission to reschedule.

7. If you have any technical difficulties when transitioning to an online course, **you must contact your instructors as soon as possible**. During the first few days of online coursework, you should test out all of your equipment and attempt to access the lectures, homework, and anything else you will need for the course. Your instructors understand that this situation is unexpected, and that some students may have additional challenges with this transition. Your instructors are here to help, and we will do what we can to assist you.

If you have ANY circumstance preventing you from participating in any part of this course, please contact me as soon as possible so that we can discuss your options.

Grades: Grades will be posted on HuskyCT within two weeks of the completion date. There are now two grading options:

Letter Grades: The letter grade option is unchanged. 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.

Pass/Fail Grades: The university senate voting to lift the university-wide restrictions on Pass/Fail grades for the spring 2020 semester, however major specific restrictions will be decided by the individual departments. For this reason, **all students interested in taking the pass/fail option must consult with their academic advisor.** You instructors are not in a position to give guidance on whether or not this grading option is right for you.

The base grading scale is as follows:

Grade	Letter Grade
≥ 60	Pass
< 60	Fail

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 Blackboard's website.)

Students who already have accommodations approved by the Center for Students with Disabilities should rest assured that your instructors will continue to respect those accommodations during the transition to online courses, as much as possible. The most common accommodation is extra time on quizzes and tests, which will be implemented for students who require it for their online quizzes and exams. If you have any questions about your specific accommodations, please do not hesitate to contact your instructors and your CSD advisor.