Syllabus
Math 2410Q – Spring 2025

Professor: Andrew (Drew) Jaramillo
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Office: Hartford Times Building 540
Office Hours: By appointment only

Topics Covered

The class will cover sections 1.1 – 1.3, 2.1 – 2.6, 3.1, 3.2, 4.1, 4.3, 4.4, 4.6, 5.1, 7.1 – 7.4, 8.1, 8.2, and B1 – B3 from the book A First Course in Differential Equations with Modeling Applications 11^{th} edition by Dennis G. Zill. Please see the "Class Schedule" for a list of sections for the approximate week these sections will be covered.

Grading

Grades

Final grades are based on your performance at the end of the term according to the grade breakdown on each item as outlined below. Final grades will be assigned using the standard grading scheme (i.e. with no curve) but this is subject to change at any time. Any curve or other grade changes will be announced in class or on HuskyCT.

Grade Breakdown

Below is the planned grade breakdown for the term.

WebAssign Homework	15%
WebAssign Quizzes	15%
Exams I – III	15% each
Final Exam	25%

The grade breakdown may be changed or altered at anytime during the term.

Coursework

Most of the coursework for this class will be submitted electronically either on WebAssign (homework and quizzes) however the exams will be given imperson but you will see your graded exam on Gradescope. The final exam will be given in person.

WebAssign Homework

WebAssign homework will be assigned on WebAssign through HuskyCT and will be **due most Mondays at 9:00AM and Wednesdays at 9:00AM**. Each assignment will be posted at least a week before it is due, so you should have enough time to complete it. Most problems will have a limit of five submissions to prevent random guessing. No extra submissions will be given. You are free to work together on homework; however, each person is responsible for their own work.

Please be careful when submitting your answers on WebAssign. Only the last submission for a problem will be graded even if a previous submission is marked correct. There are no exceptions to this rule. Some questions have multiple parts and if you answered one part correctly and the answer is altered, even if done accidentally, the question will be marked incorrect.

WebAssign Quizzes

WebAssign quizzes will be assigned on WebAssign through HuskyCT and will be **due most Wednesdays at 9:00 AM and Fridays at 9:00AM**. Each quiz will be posted 48 hours before it is due, that is once the due date for the corresponding WebAssign Homework has passed. Once the quiz is posted you may take it at any time before the due date.

Quizzes will be timed. The amount of time given fore each quiz will vary, but most will be between 15 and 45 minutes. Usually, around 15 minutes per question.

Quizzes will have 1 to 3 questions. There will usually be one question per section that the quiz covers.

You will only have three submission per question. Therefore it is important that you double check your answer before submitting it. Once you submit it you will not have any more attempts on the question.

You may not work together on quizzes though you may use your notes, the official textbook, or HuskyCT.

Exams

The exams will be given in class on the following dates and will cover the indicated sections:

Exam	Date Posted	Topics
Exam I	Wednesday, February 18 (Week 5)	1.1 – 2.2
Exam II	Wednesday, March 25 (Week 10)	2.3 – 4.4
Exam III	Wednesday, April 22 (Week 14)	4.6 – 7.4
Final Exam	TBD	Cumulative

Exams will be taken in class during the usual meeting time.

Final Exam

The final exam will be two hours long and will be given in person in a classroom on campus. The classroom, date, and time will be announced by the university at some point during the term. Please note that even though the exact date at time of the final exam is not set at the beginning of the term, the university has designated a finals week during the 16th week of instruction. The final exam may be scheduled at any time during this week.

The final will be cumulative. Please see the class schedule for a complete list of topics covered.

The exam date and time cannot be moved unless you are given special permission to do so. Please see "Bunched Final Exam" policy.

Extensions and Excused Assignments

There are extensions available for WeAssign Homework assignments. Please see the "Extensions Policy" section in the Class Policies document for more information.

There are no extensions for WebAssign quizzes. There are also no extensions and no makeup exams for a missed exam. If you are unable to attend class and miss an exam you may request to be excused from it. Please see the "Excused Absence Policy" in the Class Policies document for more information.

Extra Credit

There is absolutely no extra credit given in this class. There are no exceptions, please do not ask.

Required Materials

Textbook

There textbook for the course is

A First Course in Differential Equations with Modeling Applications 11^{th} edition by Dennis G. Zill

Please note that you do not need to purchase a physical copy of the textbook. A digital copy is ok and is included in WebAssign.

WebAssign

We will be using WebAssign for online homework throughout the semester. You must access WebAssign through HuskyCT. If you try to access it through WebAssign directly, you may encounter an error.

The first two weeks of class are a grace period for WebAssign. During this period you will have free access to WebAssign through HuskyCT. After this two week period ends, you must purchase WebAssign in order to complete future assignments. If you have purchsed the Husky Book Bundle (see below) you should not need to do anything and your access should be fine. However, if you have not purchased WebAssign access by the end of two weeks, you will be cut off and will not be able to complete any future assignments until you do purchase WebAssign. Any assignments you completed before access was cut off will remain unaffected. Once you do purchase a WebAssign, your access will be restored and you will be able to complete all future assignments. Please note however that any missed assignments before you restored WebAssign access will not be extended.

Since WebAssign is run by a third party if you have any difficulties with it, please direct all your inquiries to them.

Husky Book Bundle

If you sign up for this bundle all your materials will be provided for you for all your classes, not just this one. Therefore, I strongly encourage all students taking the class to be sure to sign up for the Husky Book Bundle. If you do not sign up for it, then you will need to obtain WebAssign and the textbook on your own. Please contact the bookstore on how to do this.

Calculator

A scientific or financial calculator is allowed for all exams, quizzes, and homework as long as the calculator cannot do algebraic manipulation. **You may NOT use a graphing calculator for this class.** You may also not use a tablet, phone, or computer as a calculator. Using these devices on an exam may result in your assignment receiving a grade of 0.

Calculators may be randomly checked to see if there are any programs stored in memory. No alphanumeric formulas stored as programs are allowed. Discovery of such material will result in serious consequences. Sanctions can include, but are not limited to, a letter sent to the Dean of Students of the University; a grade of 0 on the assignment, quiz or exam; a grade of F for the course.

Class Policies

Most class policies are in the "Class Policies" document on HuskyCT. Please see that document for more information.

*This document is subject to change at any time during the term. Last updated: January 13, 2026