Syllabus
Math 1070Q (H72) – Fall 2019

Professor: Andrew (Drew) Jaramillo
Email: andrew.jaramillo@uconn.edu
Office: Hartford Times Building 302C
Office Hours: Monday, Wednesday, and Friday 8:30 AM - 9:00 AM &
Monday and Wednesday 1:20 PM - 2:20 PM or by appointment

Grading and Coursework

Grades

Grades are based on your performance at the end of the term according to the grade breakdown on each item as outlined below. No extra weight will be given for effort, trying, etc. Grades are usually 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 on HuskyCT.

Grade Breakdown

Below is the planned grade breakdown for the term.

Online Homework	10%
Quizzes	10%
Exam I	20%
Exam II	25%
Final Exam	35%

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

Online Homework

Online Homework will usually be assigned on WebAssign through HuskyCT and will be **due most Sundays at 11:59PM**. 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 attempts to prevent random guessing. No extra attempts will be given. You are free to work together on homework; however, each person is responsible for their own work.

Problem sets on WebAssign are organized by section and each section will be given equal weight when computing your final grade.

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.

In general, no extensions will be given on WebAssign. This means that extensions will not be given for, but are not limited to, any of the following reasons: computer malfunctions, forgetting about the assignment, having another assignment due at the same time, running out of time, having a mild short term illness such as a cold, etc.

Homeworks that are past due cannot be made up. However, since situations can occur and you may not be able to complete the assignment for various reasons, the **lowest two sections from the term will be dropped**.

In-class Quizzes

In class quizzes will be given **most every Monday** in class. The quizzes given on Monday will be based on the most recently due WebAssign homework do the previous evening. So for instance if sections 2.1 and 2.2 are due on WebAssign on Sunday at 11:59 PM, then the quiz on Monday will be based on sections 2.1 and 2.2. Quizzes cannot be made up for any reason.

Pop Quizzes

Pop quizzes may also be given at any time in class. They may cover any topic that has been covered in the course up to that point not just the most recently due WebAssign. If you are not in class and miss a pop quiz, it cannot be made up.

Since situations can occur and you may miss an in-class quiz or a pop quiz OR you may not perform as well as you would have liked on the quiz, the **lowest two quizzes from the term will be dropped.**

Exams

There will be two midterm exams and a cumulative final exam during the term. The are on the following dates:

Exam I	Monday, September 30
Exam II	Monday, November 11
Final Exam	TBA

Please see the class schedule for the material that each exam will cover. The midterm exams will be given in-class during class time. The final exam's classroom, date, time, and location will be announced by the university at some point during the term.

If an emergency circumstance comes up (see below) and you cannot take an exam, you must inform the instructor before the beginning of the exam.

Final Exam

The final will be cumulative (please see the class schedule for a complete list of topics covered). The final exam will be two hours long at a time scheduled by the registrar. (Please see their website for exact dates, times, and locations).

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

If an emergency circumstance comes up and you cannot take the final exam, please see "Missed Work" below.

Returned Work and Grading

You should receive back all of your exams, quizzes, and other assignments in class in a timely manner, usually within one week. Your scores will be recorded online so you will have an up to date score available to you. Final grades will not be computed until after the final exam is given. If you would like to have an general idea of your standing in the class so far, please use your scores with the given waiting and compute your grade using your scores so far.

If you are unable to collect your assignment it will be available in the instructor's office and may be collected during office hours. If work has not been collected after a reasonable amount of time (about two weeks) it may be recycled.

Errors

Since errors may occur, it is your responsibility to keep an independent accurate record of all your grades. If there is an error or your score is not recorded correctly, please bring in the original graded assignments and the instructor will gladly fix it. No copies or scanned attachments will be accepted. If the assignment

is online, please email your instructor the exact problem and what the issue is. All errors must be brought up before the last day of class to be corrected. After this date no scores will be changed.

Though much effort has gone into ensuring there are no incorrect answers for assignments, occasionally they do occur. If you are sure there is an error with an assignment, please contact the instructor as soon as possible letting them know about the error. If you did spot an error you will receive high accolades from both your instructor and your peers. However, if after an investigation it is determined that there is no error you will receive no credit for that problem.

Disputes

On the day you get back an assignment, exam, or quiz you will be given some time to look it over. If there is a dispute in the grading please come talk to your instructor privately after class explaining the issue. If you cannot meet after class or if you would like to meet at another time, please give your exam to your instructor to hold until there is a mutually agreed upon time to discuss it.

If the dispute warrants taking a closer look, the instructor will collect the assignment and will hand it back to you once a determination has been made. Note however that we reserve the right to look over you entire assignment and your score may go either up or down.

All disputes must be brought to the attention of the instructor before the assignment leaves the room with you. Once the it leaves, you accept the grade given and will not be able to dispute it.

Disputes with Final Grades

Great care is taken when determining final grades. Because of this, final grades will only be changed in limited circumstance such as if there is a computational or clerical error. No retroactive grade changes will be given.

Grade Reports

Instructors of 1000 and 2000-level courses notify the Registrar by the end of the sixth week of the semester of students who appear to be in danger of earning D, F, U or N grades. The Registrar alerts the students, their advisors, and others, such as the First Year Programs Office, as appropriate, via the University's e-mail system. These reports are not part of the permanent record. They are designed to be of diagnostic aid to the student. If a student is doing unsatisfactory work, the full responsibility for improvement is left to the student. The student is strongly advised, however, to confer with his or her advisor, with the instructors concerned, and with others qualified to assist him or her in improving his or her standing in the University. At the end of each semester, students may view their grades on the Student Administration System.

Extra Credit

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

Materials

Textbook

There required textbook for the course is

Applied Finite Mathematics by *Edmond C. Tomistik & Janice L. Epstein*

Topics Covered

Please see the "Tentative Schedule" for a list of sections covered from the book as well as the approximate week it will be covered.

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.

You can purchase the bundled version of the textbook from the UConn Bookstore. Alternatively, you may also purchase a WebAssign access code directly from WebAssign and obtain a copy of the text elsewhere.

If you have not purchased a WebAssign code (either in the bundled textbook or directly from WebAssign), for the first two weeks of class, you should be able to log into WebAssign through HuskyCT to complete your assignments. However, after this grace period ends if you have not purchased a WebAssign code, you will not be able to log in. To be very clear, if you have not purchased a WebAssign code by the end of two weeks, your access will be cut off and will not be able to complete any future assignments (any assignments you completed before will remain unaffected). If after the first two weeks you do purchase a WebAssign code, your access will be restored and you will be able to complete any future assignments. However, any assignments that are passed due, will not be able to be completed.

There is no class code for this course and if you are asked for one, please login through HuskyCT. Also note that you should use the Chrome or Firefox browser. Since WebAssign is run by a third party if you have any difficulties with it, please direct all your inquiries to them.

Calculators

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 exam 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

Visitors

Only students enrolled in the class (or attempting to enroll in the class during the first two weeks) may attend class. If you are not enrolled, you may be asked to leave. Also, please no animals unless it is a service animal.

Canceled Classes

If class is canceled (for inclement weather or other emergency for instance) you will be notified either by the instructor and/or by the university as early as possible. If class in canceled all in-class assignments or quizzes will be due at the next class meeting. Midterm exams will be given at the next class meeting. If there are any further instructions, these will be given. Please note that all online assignments (online homework and online quizzes) will keep their original due date. No extensions will be given for online assignments unless otherwise noted.

Canceled Final

If the final exam is canceled, you will be notified by the university as early as possible. Shortly after the cancellation is announced, a makeup date and time will also be scheduled. Please see the registrar's website for the date and time of such a makeup. The makeup date scheduled may be on a date or time outside of the normal finals period. (i.e. the Sunday or Monday after the usual last day of finals or even later.) If this happens you will be expected to attend the exam makeup on the scheduled date. You will not be able

to reschedule a different day or time unless there is a extreme circumstance. Please note, that having other plans does not constitute an emergency circumstance. Failure to attend this makeup exam may result in an F on the exam.

Missed Work

In general no makeup work will be allowed for most homework assignments or in-class quizzes. Instead a number of assignments will be dropped at the end of the term. (See the section on Grading and Coursework for details.) However, in some limited instances you may request an excused absence for missing a midterm exam or other assignment. For instance, excused absences may be granted for an emergency circumstance, for religious or cultural holiday, or for university sponsored events or other professional or academic conferences. If you do have a valid excused absence, please inform the instructor as early as possible in writing (an email is fine) informing them of any days you plan to miss. Documentation for your absence may be requested. You should try to contact the instructor well in advance your your absence – at least two weeks before for any planned absences if possible. Please note however that just because you have requested to be excused from an assignment, it does not mean that one will automatically be granted. The decision to excuse an absence is entirely up to the instructor. For instance if your absence is occurring frequently and it is causing you to miss a large amount of assignments, you may not be granted an excused absence.

Note that in general the following are **not** considered valid reasons to be granted an excused absence (though this is not an exhaustive list):

i. attending a sporting event in which you are not a participant

ii. sleeping through class or an exam

iii. being unprepared for the assignment or exam

iv. having other assignments or exams on the same day in another class

v. being stuck in traffic or other transportation issues

vi. scheduling conflicts (e.g. work schedule conflicts)

If you are granted an excused absence for a midterm exam please note that no makeup exam will be given. Instead, since the final exam is cumulative, your grade on the final exam will replace your grade for the missed exam.

If you are granted an excused absence for another assignment (such as an in-class quiz) the assignment you miss will be excused and will not be used when calculating your final grade.

No notes will be provided for any of the days that you miss. Please contact one of your classmates if you wish to copy their notes.

Note that this policy does not apply to the final exam (see below).

Emergency Circumstances for the Final Exam

A student who is prevented by sickness or other unavoidable causes from completing a scheduled final exam must apply to the Dean of Students or designee for validation that will authorize the student's instructor to give a substitute assessment. A student whose absence is excused by the Dean of Students or designee shall have an opportunity to complete a substitute assessment without penalty.A student whose absence from a scheduled final assessment is not excused in this way shall not be allowed to take a makeup exam.

Missed Final

If a student misses the final exam, and if a high grade on the final will result in a passing grade, the student will receive a temporary grade of X. In order for this grade to be replaced, the student will need to take a make up final exam sometime before the Friday of the third week of the next term. Please note that the earliest possible date for the makeup exam may not be until after the next term has started. **Therefore**

it may be several weeks after the end of the term until it is possible to schedule a makeup final exam. It is the students responsibility to schedule a makeup date and time with the instructor. No reminder email or note will be sent to the student. If the student does not take a makeup exam before the Friday of the third week of the next term, the grade will automatically be replaced with an F.

Bunched Final Exams

A student whose schedule includes three final examinations in one calendar day or three final examinations in consecutive time blocks spanning parts of two consecutive days, or four examinations in two consecutive calendar days, may request a make-up examination in place of one of the three scheduled examinations. The Dean of Students Office will select one of the examinations for rescheduling and will notify the instructor. Please contact the Dean of Students Office or student advising for more information.

Please note, this policy only applies to the final exam and does not apply for Exam I or Exam II. Exam I and Exam II must be taken on the assigned dates.

Students with Disabilities

The Center for Students with Disabilities (CSD) at UConn provides accommodations and services for qualified students with disabilities. If you have a documented disability for which you wish to request academic accommodations and have not contacted the CSD, please do so as soon as possible.

Working with the CSD I am happy to make reasonable accommodations to any students with disabilities. Though you are under no obligation to do so, if you wish to discuss with me any special needs you may require, please feel free to speak with the instructor privately either via email or during office hours.

If you disability is not documented through the CSD, please contact them directly. Without documentation from this office no alternative accommodations are able to be provided.

Once CSD makes a determination about your accommodation the student and the instructor will be sent letters indicating what accommodations are approved. It is the responsibility of the student to discuss this letter with the instructor in order for these to be implemented. So for instance if the student is approved for extra time on quizzes, the student must discuss how the extra time will be implemented.

Academic Integrity

All students are bound to follow the rules for the UConn Student Code, including the rules of academic integrity. All infractions will be reported to the Dean of Students and disciplinary action including expulsion from the university may occur. In addition other sanctions may be implemented and can include, but are not limited to, a grade of 0 on the assignment, quiz or exam or a grade of F for the course.

Citations

Portions of this document have been taken from policies of the University Senate, the Office of Institutional Equity, the Office of the Provost, and Community Standards. See http://provost.uconn.edu/syllabi-reference for more information.

*This document is subject to change at any time during the term. Last updated: August 13, 2019

Math 1070Q

Tentative Schedule for Fall 2019

Weeks indicated are approximate. The numbered sections are those indicated in the official textbook for the course. The schedule may be revised at any time.

Week	Section	Topic
1	1.1	Mathematical Models
2	1.2	Systems of Linear Equations
	2.1	Introduction to Matrices
3	2.2	Matrix Multiplication
	1.3	Gauss Elimination for Systems of Linear Equations
4	1.4	Systems of Equations with Non-Unique Solutions
	3.1	Linear Programming Problems
5	3.2	Graphing Linear Inequalities
	3.3	Graphing Solutions of Linear Programming
6	4.1	Introduction to Sets
	4.2	The number of Elements in a Set
7	4.3	Sample Spaces and Events
	4.4	Basic Probability
8	5.1	Multiplication Principle and Permutations
	5.2	Combinations
9	4.5	Rules for Probability
	4.6	Conditional Probability
10	4.7	Bayes Theorem
	5.3	Probability Applications of Counting Principles
11	5.4	Bernoulli's Trials
	6.1	Random Variables and Histograms
12	6.2	Measure of Central Tendency
	6.3	Measure of Spread
13	6.4	Normal Distribution
	F1	Simple Interest and Discount
14		**Thanksgiving Break**
15	F2	Compound Interest
	F3	Annuities
	F4	Present Value of Annuities and Amortization

Exam Dates

Exam I	Monday, September 30
Exam II	Monday, November 11
Final Exam	TBA

Last update: August 22, 2019