Math 1070Q Winter 2026
Math for Business and Economics
Instructor: Stephen Zito
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Office Hours: By appointment.

Text: *Applied Finite Mathematics*, 2nd ed., by Tomastik and Epstein. (no need to purchase).

Course Description:

- The course will be delivered online and asynchronous. All videos and notes are available under the "Videos and Notes" folder on HuskyCT.
- All videos and notes will be posted by 9:00 A.M. every Monday, Tuesday, Wednesday, Thursday, and Friday.
- Appointments will be via Blackboard Collaborate. You email me and we'll arrange a day and time.
- If need be, Zoom appointments can be arranged.
- There is no class New Year's Day.

Homework:

- Homework will be posted every Monday, Tuesday, Wednesday, Thursday, and Friday.
- These will NOT be collected.
- I highly recommend giving the problems a shot. Math is a skill and you only get better at a skill by practicing.
- I will scan and upload problems from the text.

Quizzes:

- There will be two quizzes every class day with a few exceptions.
- I will post the quizzes on HuskyCT at 9:00 AM.
- Each quiz is worth 5 points.
- They will be due by 11:59 PM the same day.
- The first day of class, the day of the midterm, and the day of the final will not have quizzes.
- Quizzes are always on the previous day's material.
- Approximately, each day is one week of a 16 - week semester.

Exams

- The midterm exam will be 1/07/26
- The final exam will be 1/16/26.
- You must work **ALONE** on exams.

Make-Up Policy:

- There are **NO** make-ups on quizzes. Let me repeat that "**NO** make-ups."
- I will drop five quizzes at the end of the term.
- If you fail to submit the midterm, then the percentage weight carries over to the final exam.

Submission of Assignments

- Any format is acceptable as long as I can open it, see it, and read it. I prefer pdfs.
- Every assignment is due by 11:59 PM. A submission of 11:59:01 or later is past due.
- Technical issues are your responsibility.
- Time zone differences are your responsibility.
- Don't wait till the last minute or you risk not submitting on time.
- You get **ONE** submission.
- Submissions must be via HuskyCT.
- You should receive a confirmation email upon a successful submission.

Grades:

Quizzes	every week	50%
Midterm Exam	1/07	25%
Final Exam	1/16	25%

- Any discussion of grades must be within one week.
- Your final grade is calculated via the final grade template.
- The grades on HuskyCT are for record keeping only.

Disabilities

- If you anticipate or experience physical or academic barriers based on disability or pregnancy, or require accommodations, please contact Rachel Julian, Waterburys CSD Regional Campus Coordinator, to discuss options.
- Her email is Rachel.julian@uconn.edu and she can also be reached through the Center for Students with Disabilities (860) 486-6899, or http://csd.uconn.edu/.
- https://csd.uconn.edu/documentation-guidelines/
- https://csd.uconn.edu/regional-campus-students/

A.I. Software and Copying Answers

- Don't use it.
- Any submission that is A.I. generated will receive a zero.
- It's not particularly good at math.
- If you copy your answers from Chegg, Course Hero, each other, ect., you'll receive a zero.
- If you wish to discuss your grade, you have one week. See above.

General Thoughts

- Communication is **KEY**. Please, don't be afraid to contact me if you have questions, concerns, or comments.
- Seriously, contact me and we can go over any problem or topic you want.
- In a F2F class, I allow open notes for all quizzes and tests. The same will apply for this course.
- Please, try not to google every single question. If you're stuck, contact me and we can talk it through.
- If you find yourself falling behind, contact me! Stop by office hours and we can review and discuss.
- Check HuskyCT announcements **EVERY DAY**.

Tentative Schedule:

Day	Section	Topic
1	4.1	Intro to Sets
	4.2	The Number of Elements in a Set
2	4.3	Sample Spaces And Events
	4.4	Basics of Probability
3	5.1	Multiplication Principle and Permutations
	5.2	Combinations
4		New Year's Day
		No Class
5	4.5	Rules of Probablity
	4.6	Conditional Prbability
6	4.7	Bayes' Theorem
	5.3	Counting and Probability Applications
7	5.4	Bernoulli Trials
	6.1	Random Variables and Histograms
8		Midterm Exam
9	6.2	Measures of Central Tendency
	6.3	Measures of Spread
10	6.4	Normal Distribution
	F.1	Simple Interest and Discount
11	F.2	Compound Interest
	F.3	Future Value of an Annuity
12	F.4	Present Value of an Annuity
	1.1	Linear Models
13	1.2	Systems of Linear Equations
	3.1	Linear Programming Problems
14	3.2	Graphing Linear Inequalities
	3.3	Graphical Solutions in Linear Programming
15		Final Exam