**Math 1030Q** Spring 2026
**Elementary Discrete Mathematics**
**Sections:** 331 MW 11:15 - 12:30 PM
**Room:** WTBY 218
**Instructor:** Stephen Zito
**E-mail:** stephen.zito@uconn.edu
**Personal Website:** https://www.stephen-zito.math.uconn.edu/
**Office Hours:** WTBY 315, MW 10:00 - 11:00 and by appointment.

**Texts:** Applied Finite Mathematics by Tomastik and Epstein ,
Identification Numbers and Check Digit Schemes by Joseph Kirtland

**Course Description:**

- Probability, Finance, Check Digit Schemes
- The course will be primarily face-to-face lecture and discussion.
- Submission of course work will be (mostly) via HuskyCT.
- All information and materials will be posted to HuskyCT.

**Homework:**

- Homework will be posted every Monday and Wednesday by 9:00 A.M.
- 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.
- To do well in the course, you must do the homework.

**Quizzes:**

- There will be quizzes every Monday and Wednesday.
- I will post the quiz by 9:00 AM on HuskyCT.
- Each quiz is worth 5 points.
- The topic of each quiz is based on the previous class material.

**Quiz submission policies:**

- Quizzes MUST be submitted via HuskyCT. Email submissions will not be accepted.
- Any format is acceptable as long as I can see it, open it, and read it.
- All quizzes are due by 11:59 PM. 11:59:01 is a late submission.
- ANY submission after this time will result in a zero.
- You have ONE and only ONE submission.
- If you submit the wrong file or a corrupted file, this will result in a zero.
- A saved draft but no submission will result in a zero.
- You should receive a confirmation email upon successful submission.

**Exams**

- Exam 1 will be 2/25/26.
- Exam 2 will be 4/1/26.
- The final exam will be the week of 5/4/26 - 5/8/26.
- The exams are in-class.
- The exams are open-note.

**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 semester.
- If you miss an exam, then the percentage weight carries over to the next exam.
- There is no retroactive adjustment of any exam percentages.

**Midterm Grades:**

- Midterm grades are required for all 1000 level classes. I will post midterm grades after Exam 1. They are meant to give you an idea of how you're faring in the course so far. The grades are not permanent and do not affect you GPA.
- Your midterm grade will be your Exam 1 grade.
- If you do not take Exam 1, your midterm grade will be "N."

**Email Policy**

- I will respond to emails within 24 hours.
- I will not respond to emails on Sunday.
- Please include full name, class, and section.
- Please use university email.
- Do not call me Stevie.

**Modifications**

- I reserve the right to change the syllabus if it becomes necessary.
- Any changes will be posted on HuskyCT and announced in class.

**Discussion of Grades**

- We can discuss any grade issue you may have.
- Any concerns must be brought to my attention within one week of the posted grade.
- After one week, the grade is final.

**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/dispute your grade, you have one week. See above.

**Grades:**

| | | |
|---|---|---|
| **Quizzes** | every week | 25% |
| **Exam 1** | 2/25 | 25% |
| **Exam 2** | 4/1 | 25% |
| **Final Exam** | TBD | 25% |

- Your final grade is calculated via the final grade template. It's available on HuskyCT.
- There are templates available for calculating your grade up to Exam 1 and up to Exam 2.
- Your 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/

**Mental Health**

If you are experiencing undue personal or academic stress at any time during the semester or need to talk with someone about a personal problem or situation, I encourage you to seek support as soon as possible. I am available to talk with you about stresses related to your work in my class. Additionally, I can assist you in reaching out to any one of a wide range of campus resources, including:

- Mental Health Resource Center 203-236-9817 or Claudia.Pina@uconn.edu https://waterbury.uconn.edu/student-life/student-resources/mental-health/
- Student Services and Academic Advising https://waterbury.uconn.edu/student-life/student-resources/student-affairs/
- Center for Students with Disabilities https://csd.uconn.edu/

**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.
- Please, try not to google every single question. If you're stuck, contact me and we can talk it through.
- Remember, the exams are all in-person. If you have not adequately prepared, the exams will be quite challenging.
- Attempting all homework problems is the single most important thing you can do.
- I can not stress the above point enough!!!!!!

**Tentative Schedule:**

| Week | M/W | Topic |
|---|---|---|
| 1 | | No Class |
| | | Intro to Sets |
| 2 | | Number of Elements in a Set |
| | | Sample Spaces and Events |
| 3 | | Basic Probability |
| | | Rules of Probability , |
| 4 | | Conditional Probability |
| | | Bayes' Theorem |
| 5 | | Expected Value |
| | | Review |
| 6 | | No Class |
| | | Exam 1 |
| 7 | | Simple Interest and Discount |
| | | Compound Interest |
| 8 | | Future Value of an Annuity |
| | | Present Value of an Annuity |
| 9 | | Spring Break |
| | | Spring Break |
| 10 | | Mortgages |
| | | TBD |
| 11 | | Review |
| | | Exam 2 |
| 12 | | No Class |
| | | Intro to ID numbers and Check Digits |
| 13 | | Airline ID and US Postal Money Order |
| | | UPC |
| 14 | | ISBN |
| | | IBM |
| 15 | | Verhoeff Scheme |
| | | Review |
| 16 | | Final Exam (Day and Time TBD) |