UCONN
UNIVERSITY OF CONNECTICUT

1030Q Z81
Discrete Mathematics

Schedule: In Person. Tuesday, Thursday 9:30–10:45 AM

Instructor: Dr. Lauren Bruzzone lauren.bruzzone@uconn.edu
Webex: https://uconn-cmr.webex.com/meet/lcb16105

Required Materials:
Heart of Mathematics: An invitation to Effective Thinking (4th Edition) with wiley access code
DO NOT PURCHASE UNTIL AFTER FIRST CLASS
Optional: The 5 Elements of Effective Thinking by Edward B. Burger, Michael Starbird

Office Hours/Individual Conferencing:
In Person by appointment: 11:00 Tues, Thursdays
Via Webex by appointment: 6:30PM M-Fri
To schedule an appointment send an email at least 36 hours prior to the time you want to meet. Meeting times other than those shown can be arranged.

Course Description:
This course is intended to introduce you to areas of mathematics (and mathematical problems) which are new to you. Employers say that the two things they look for in hiring is communication skills and critical analysis. This course will focus on using mathematics to teach you methods for effective thinking and problem solving. Recommended preparation: MATH 1010 or equivalent knowledge of basic algebra.

Course Website on HuskyCT:
Announcements, Assignments, Worksheets, General Information, etc. can be found at the HuskyCT site https://lms.uconn.edu. "Math-1030Q Elementary Discrete Mathematics". Announcements are pushed to your HuskyCT email address. You are responsible for checking that address periodically.

Course Calendar:
Provided Separately. The Calendar includes all Due Dates. Changes will be noted through an Announcement.

How to Succeed in this course:
- Show up: the material I cover is the material that will be on the exam
- Ask questions.
- Read the Text Book – It will reinforce class material
- Do the Assignments and the Worksheets.: Math is a participatory sport: you need to try solving problems – not just memorize a rule.

You need to talk to me if you are having difficulties with the course materials, otherwise we cannot address the problem. You should also use the resources listed in the CLAS statement regarding student success. It is reproduced below.

Assignments:
Homework can be found in the "Assignments" Section of the course website. The homework is online using the Wiley online platform. For further information regarding how to access the platform see the class Announcements and the Wiley section of HuskyCT. You will have 7 chances at answering a question. (This should give you an opportunity to correct any format issues with your answer.) If you are still having problems after the 5th attempt, stop and see me before or after class or make an appointment to talk to me. To keep up with the course, the homework should be completed as noted in the Calendar. ALL homework **must** be completed by the May 1, 2023 11:30PM. There will be NO exceptions.. I

strongly recommend NOT waiting until the last few days: internet connections have been known to go down and I cannot change the deadline without erasing all your classmates' work.

Worksheets:

Worksheets can be found in the "Worksheet" Section of the course website. Print the worksheet out or copy the problems onto a separate sheet of paper. Answer the question, scan the result and submit it (as a single jpeg with the worksheet number and your name as the name of the jpeg) in the assignment link at the end of each Worksheet module. Due dates are found in the Calendar for the course. I will publish the solutions the day after the Worksheet is due**. Accordingly, no worksheets will be accepted after the due date. Note that you are responsible for reviewing the solutions and comparing them to your work. You can work with other classmates, use the Q center, or use any other resources when completing Worksheets.**

(There are a number of free scanner apps that you can use with your phone: adobe and simple scanner are two of them.)

Examinations:

There will be two midterm examinations and a final exam. The Calendar provides the planned exam dates. The current plan is for all exams to be in person. See also: Makeup Policy.

Grading:

A	92-100	A-	90-91	B+	88-89	B	83-87	B-	80-82	C+	78-79
C	72-77	C-	70-71	D+	67-69	D	60-66	D-	60-55	F	0-54

If you have any questions about mid-term exam grading, ask within two days of receiving the grade; University policies will determine the deadline for questioning end term grades.

Grading Schema:	Points/Percent
Homework:	35
Worksheets	10
Exam 1	15
Exam 2	15
Final Exam	25
Total	100

Participation:

Attendance and participation are **crucial** to your success in this course. Participation is strongly encouraged. Up to 5 extra points will be assigned for participation. If there are special circumstances causing absences, please contact me by email. Students with more than three (3) unexcused absences or excessive/chronic tardiness to class should schedule a meeting with me. Barring biological emergencies, you are expected to stay in the classroom during class.

Calculator/Phones

Calculators/Phones will not be allowed on any in-class exams. They may be used for assignments and worksheets.

Exam Make-Up policy

I generally review the midterm exams in the next class. As a result, in fairness to everyone, only extreme situations with an officially documented excuse will allow you to make up a midterm exam. Where possible, these excuses must be presented before the exam is scheduled. For the final exam: rescheduling in the event of conflict or arranging for makeups are totally governed by University policy and are handled through the registrar.

Feedback and Grades

I will make every effort to provide feedback and grades within one week. To keep track of your performance during the course, refer to My Grades in HuskyCT. Please note: final grades will not be posted in HuskyCT: go directly to the UConn site.

Weekly Time Commitment

You should expect to dedicate 4-6 hours a week to this course. This expectation is based on the various course activities, assignments, and assessments and the University of Connecticut's policy regarding credit hours. More information related to hours per week per credit can be accessed at the Online Student website.

CLAS Statement regarding Student Success

All students can succeed in this course and we are here to help you along the way. Please do not hesitate to ask questions during class or attend office hours. Except where stated otherwise, synchronous lectures will be recorded. However, these work best when there are students there to ask questions and for clarification. Your classmates need you to attend!

Success in this course program depends heavily on your personal health and well-being. Recognize that stress is an expected part of the college experience, and it often can be compounded by unexpected setbacks or life changes outside the classroom. We strongly encourage you to reframe challenges as an unavoidable pathway to success. Reflect on your role in taking care of yourself throughout the semester, before the demands of exams and projects reach their peak. Please feel free to reach out to us about any difficulty you may be having that may impact your performance in your courses or campus life as soon as it occurs and before it becomes too overwhelming. In addition to your academic advisor, we strongly encourage you to contact the many other support services on campus that stand ready to assist you.

Here are some helpful links: Dean of Students Office(Storrs), Academic Achievement Center(Storrs), Writing Center(Storrs), Quantitative Learning Center(Storrs), Source for Active Learning (Stamford), Center for Students with Disabilities(Stamford), Title IX Office, Student Health and Wellness — Mental Health(Stamford)

*This statement was adapted from one prepared by CLAS. We feel it very much represents our thoughts and feelings so are including it in a largely unedited way. (With this citation!)

Resources for Students Experiencing Distress

The University of Connecticut is committed to supporting students in their mental health, their psychological and social well-being, and their connection to their academic experience and overall wellness. The university believes that academic, personal, and professional development can flourish only when each member of our community is assured equitable access to mental health services. The university aims to make access to mental health attainable while fostering a community reflecting equity and diversity and understands that good mental health may lead to personal and professional growth, greater self-awareness, increased social engagement, enhanced academic success, and campus and community involvement.

Students who feel they may benefit from speaking with a mental health professional can find support and resources through the Student Health and Wellness-Mental Health (SHaW-MH) office. Through SHaW-MH, students can make an appointment with a mental health professional and engage in confidential conversations or seek recommendations or referrals for any mental health or psychological concern. Mental health services are included as part of the university's student health insurance plan and also partially funded through university fees. If you do not have UConn's student health insurance plan, most major insurance plans are also accepted. Students can visit the Student Health and Wellness-Mental Health https://mhrc.stamford.uconn.edu/ for services or questions.

Accommodations for Illness or Extended Absences

If illness prevents you from attending class, it is your responsibility to notify your instructor as soon as possible. You do not need to disclose the nature of your illness, however, you will need to work with your instructor to determine how you will complete coursework during your absence.

If life circumstances are affecting your ability to focus on courses and your UConn experience, students can email Stamford Student Services to request support and faculty notification.

COVID-19 Specific Information: People with COVID-19 have had a wide range of symptoms reported – ranging from mild symptoms to severe illness. These symptoms may appear 2-14 days after exposure to the virus and can include:

- Fever,
- Cough,
- Shortness of breath or difficulty breathing
- Chills
- Repeated shaking with chills
- Muscle pain
- Headache
- Sore throat
- New loss of taste or smell

Additional information including what to do if you test positive or you are informed through contract tracing that you were in contact with someone who tested positive, and answers to other important questions can be found here: https://studenthealth.uconn.edu/updates-events/coronavirus/

Student Authentication and Verification (in the event we need to revert to online learning)

The University of Connecticut is required to verify the identity of students who participate in online courses and to establish that students who register in an online course are the same students who participate in and complete the course activities and assessments and receive academic credit. Verification and authentication of student identity in this course will include: Secure access to the learning management system using your unique UConn NetID and password.

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
- Credit Hours and Workload
- 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)

Software/Technical Requirements (with Accessibility and Privacy Information)

The software/technical requirements for this course include:

- HuskyCT/Blackboard (HuskyCT/ Blackboard Accessibility Statement, HuskyCT/ Blackboard Privacy Policy)
- Adobe Acrobat Reader (Adobe Reader Accessibility Statement, Adobe Reader Privacy Policy)
- Google Apps (Google Apps Accessibility, Google for Education Privacy Policy)
- Microsoft Office (free to UConn students through uconn.onthehub.com) (Microsoft Accessibility Statement, Microsoft Privacy Statement)
- Dedicated access to high-speed internet with a minimum speed of 1.5 Mbps (4 Mbps or higher is recommended).
- WebCam (if we revert to online)

For information on managing your privacy at the University of Connecticut, visit the University's Privacy page. **NOTE:** This course has NOT been designed for use with mobile devices.

Help

Technical and Academic Help provides a guide to technical and academic assistance.
This course is completely facilitated online using the learning management platform, HuskyCT. If you have difficulty accessing HuskyCT, you have access to the in person/live person support options available during regular business hours through the Help Center. You also have 24x7 Course Support including access to live chat, phone, and support documents.

Minimum Technical Skills

To be successful in this course, you will need the following technical skills:

- Use electronic mail with attachments.
- Open and Save files in commonly used word processing program formats.
- Copy and paste text, graphics or hyperlinks.
- Work within two or more browser windows simultaneously.
- Open and access PDF files.

University students are expected to demonstrate competency in Computer Technology. Explore the Computer Technology Competencies page for more information..
Note: Student technology training is now available in a new HuskyCT short course created by students for students. It will prepare you to use the IT systems and services that you will use throughout your time at UConn, whether learning online or on-campus. It is available at https://lms.uconn.edu/ultra/courses/_80016_1/cl/outline .

Evaluation of the Course

Students will be provided an opportunity to evaluate instruction in this course using the University's standard procedures, which are administered by the Office of Institutional Research and Effectiveness (OIRE).

DISCLAIMER: the information in this document is subject to change. Any changes or additions will be announced during class and by notice in HuskyCT.