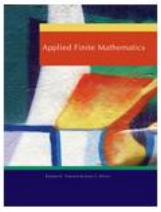
MATH 1070 Q - 806 -- Fall 2026
Mathematics for Business and Economics

Meets: Lecture & Lab:
Tuesday 5:30PM - 8:00PM



Main Text: Applied Finite Mathematics by Edmond C. Tomastik and Janice L. Epstein (2nd Edition)

There are multiple ways to purchase the text and the WebAssign access code. You should choose ONE.

1. This course is part of our course material delivery program, Husky Book Bundle. The bookstore will provide each student with a convenient package containing all required physical materials and all digitally delivered materials for this course will be integrated into HuskyCT/Blackboard. You should have received an email from the bookstore confirming materials provided for each of your courses and asking you to select how you would like to receive any printed components (in-store pick up or home delivery). If you have not done so already, please confirm your fulfillment preference so the bookstore can prepare your materials. For more information about Husky Book Bundle, or for the link to opt-out of this program, please go to https://bookbundle.program.uconn.edu/

2. If a full-time student opts-out of the Husky Book Bundle program or if they are a part-time student, they will need to purchase their math bundle through the bookstore or purchase access online after registering into WebAssign through HuskyCT.

Here is a link that has a video on the student registration process into WebAssign through HuskyCT/Blackboard:
https://startstrong.cengage.com/webassign-blackboard-ia-no/

Instructor: Dr. Beena Ramachandran
E-mail: beenarama@gmail.com

Course Outline:

#	Date	Section	Topic
1	9/01/26	Introduction, 4.1, 4.2	Introduction to Sets, The Number of Elements in a Set
2	9/8/26	4.3, 4.4	Sample Spaces and Events, Basics of Probability
3	9/15/26	5.1, 5.2	The Multiplication Principle and Permutations, Combinations
4	9/22/26	4.5, 4.6	Rules for Probability, Conditional Probability
5	9/29/26	5.3, 5.4, Review for Exam 1	Probability Applications of Counting Principles, Bernoulli Trials Review for Exam 1
6	**10/06/26**	**Exam 1**	**Online Exam 1 worth 20% of your grade** **(4.1, 4.2, 4.3, 4.4, 4.5, 4.6, 5.1, 5.2, 5.3, 5.4)**
7	10/13/26	6.1, 6.2	Random Variables and Histograms
8	10/20/26	6.3, 6.4	Central Tendency, Spread, Normal Distribution
9	10/27/26	F1, F2, F3	Simple & Compound Interest, Annuities & Sinking Funds,
10	11/03/26	F4, Review for Exam 2	Present Value of Annuities and Amortization, Review for Exam 2
11	**11/10/26**	**Exam 2**	**Online Exam 2 worth 20% of your grade** **(6.1,6.2,6.3,6.4,F1,F2,F3,F4)**
12	11/17/26	1.1, 1.2	Mathematical Models, Systems of Linear Equations
	11/24/26	**THANKSGIVING RECESS –OFF**	**NO CLASS**
13	12/01/26	2.1, 2.2	Intro to Matrices, Matrix Multiplication Gauss Elimination of System of Linear Equations
14	12/08/26	1.3, Review for Final Exam	System of Equations with non-unique solutions Review for Final Exam
15	Week of - 12/14	**FINAL EXAM**	**Online Final Exam worth 20% of your grade** **(1.1, 1.2, 1.3, 1.4, 2.1, 2.2)**

What will be taught?

Course Catalog Description: Linear equations and inequalities, matrices, systems of linear equations, and linear programming; sets, counting, probability and statistics; mathematics of finance; applications to business and economics.

Enrollment Requirements: Recommended preparation: MATH 1011Q or equivalent. Not open for credit to students who have passed MATH 1132Q, 1152Q or 2142Q.

Skill Codes: COMP: Quantitative Competency

When and how it will be taught?

Class will meet in person, **Tuesday 5:30PM - 8:00PM**

When and how learning will be assessed?

Course Website: All course-related materials will be posted on the HuskyCT site for this course:

Textbook Applied Finite Mathematics by Edmond C. Tomastik and Janice L. Epstein (2nd Edition), bundled with WebAssign code.

As part of Husky Book Bundle, the bookstore will provide each student with a convenient package for their included printed materials and their digitally delivered materials will be accessed directly in HuskyCT.

Students can review all their included courses and included materials via the Husky Book Bundle Student Portal, accessible here https://sso.bncollege.com/bes-sp/bessso/saml/uconnedu/aip/logon

Please note, all students (whether participating in the Husky Book Bundle or those that have opted out) will have access to digitally delivered material until after the opt out date for the term has passed. After the opt out has been processed, students that have chosen to opt out of the program will lose access to all their digitally delivered materials. They will then be responsible for purchasing access to the material outside of the program.

WebAssign: In this course we will be using the WebAssign online homework system, which will be integrated into the HuskyCT site for this course. **An access code for WebAssign is needed for this course.** The WebAssign access code includes an electronic copy of the textbook.

Please check out this web page for useful information:
https://startstrong.cengage.com/webassign-blackboard-ia-no/

Online Homework: The homework for Math 1071 is assigned online using the online homework system **WebAssign**. To access your homework online you must go to **Husky CT.**

Midterm Examinations: There will be two midterm examinations. See the schedule above for the tentative exam dates. All exams are timed online exams assigned via WebAssign homework system. Attendance at all exams is mandatory, and no make-up examinations will be offered unless there is good cause – see below.

Final Examination: The date and time for the final exam is determined by the university. The confirmed date and time will be announced in class as soon as it becomes available. The Final exam is a timed online exam assigned via WebAssign homework system. Attendance at all exams is mandatory, and no make-up examinations will be offered unless there is good cause – see below.

If, when, and how missed assessments will be handled (medical documentation not required)

If you miss **a homework assignment**, please email the instructor at the email address at the top of this syllabus as soon as possible so an extension can be provided allowing you to complete the assignment. Extensions cannot be provided beyond the last date of the semester. If you miss **an exam**, and have not attempted to take it, you have the option to take it within the next three days. This does not apply to the **Final exam** which cannot be rescheduled without the university's permission. If you have already attempted to take any exam and did not finish, no extension can be granted. If you do obtain permission to take any missed exam in the future, including the final exam, only 50% of score will be granted to you, i.e. there is a 50% penalty for missed exams!

How grades will be assigned?

Grading: Final Grades will be calculated as follows:

Online Homework	= 40%
2 Mid Term Exams @20% each	= 40%
Final Exam	= 20%
Total	=100%

Classroom participation is important for success in this course. In addition, academic dishonesty will be penalized as follows: plagiarism (the copying of text from other sources without the use of quotation marks and proper citation) and/or cheating will result in a grade of F for the exam involved.

Additional Help

STUDENT SUPPORT OFFICE HOURS FROM CENGAGE, THE TEXTBOOK PUBLISHERS

If any of your students are having trouble accessing Cengage materials, please direct them to our student support team via one of the following methods:

- ***Phone: 800-354-9706***
- ***Web: https://cengageorg.my.site.com/Service/s/login/?language=en_US***
- ***Facebook and/or Twitter: @cengagehelp***

STUDENT SUPPORT OFFICE HOURS FROM UCONN

- **The Center for Academic Success and Engagement (CASE)**
- Located in Room 2.60, CASE is your one-stop-shop for academic support. CASE offers a wide range of free services, including tutoring, one-on-one academic consultations, academic success workshops, and a welcoming academic lounge

where you can study, relax, or connect with others. The **Uconn** Center for Academic Success and Engagement (**CASE**) offers support to students throughout the semester for their academic success. The center will be open for the entire semester with the following hours: Monday–Thursday, 10:00am–6:00pm, Friday, 10:00am–2:00pm. For more information and details of the tutoring and other help, please visit: https://academicadvising.stamford.uconn.edu/stamfordcase/

- Follow CASE on Instagram @StamfordCASE for tips and events. Reach out at stamfordcase@uconn.edu.

Calculators *Graphing calculators: TI 82, 83, 84, 84 plus, 85 or 86* ***may be used****. Models TI-89 and above* ***(including TI-Nspire) are not permitted*** *on the exams or quizzes*

Policies and Resources

Attendance: You should attend all class meetings and are responsible for what we discuss. If you miss a class meeting, you should talk with a classmate to figure out what you missed, you should get any handouts/materials you missed from the HuskyCT site, and you should get caught up as soon as possible.

Grading Policy: If you have any questions about the grading of any evaluation/assessment, please ask as soon as possible (usually by the end of the day). If too much time has passed, then grading changes may not be made.

Academic Integrity: Academic dishonesty is considered a serious offense at UConn. Students caught cheating shall be subject to the sanctions and other remedies described in The Student Code (http://community.uconn.edu/the-student-code-appendix-a/). Proactive strategies for students to minimize academic misconduct can be found athttp://community.uconn.edu/proactive- strategies-for-students-to-minimize-academic-misconduct/. It is in your best interest to maintain your academic integrity.

Accommodations for Students with Disabilities: Students who think that they may need accommodations because of a disability are encouraged to meet with me privately early in the semester. Students should also contact the Center for Students with Disabilities as soon as possible to verify their eligibility for reasonable accommodations. For more information, please go to the website http://www.csd.uconn.edu/.

DISCLAIMER: The information listed on this page is subject to change. Any changes or additions will be announced during class and usually also via HuskyCT announcements/email.