MATH 1070Q
Mathematics for Business and Economics Majors
UConn Fall 2014

Week	Section	Topic
1	1.1	Mathematical Models (**video**) (**handout**)
	1.2	Systems of linear Equations (**video**) (**handout**)
2	3.1	Linear Programming Problems (**video**) (**handout**)
	3.2	Graphing Linear Inequalities (**video**) (**handout**)
3	3.3	Graphical Solutions of linear programming (**video**) (**handout**)
	4.1	Introduction to sets (**video**) (**handout**)
4	4.2	The number of elements in a set (**video**) (**handout**)
	4.3	Sample Spaces and Events (**video**) (**handout**)
5	4.4	Basic Probability (**video**) (**handout**)
	5.1	Multiplication Principle and Permutations (**video**) (**handout**)
6	5.2	Combinations (**video**) (**handout**)
	4.5	Rules for Probability (**video**) (**handout**)
7		Review for Exam I
		Exam I
8	4.6	Conditional Probability (**video**) (**handout**)
	4.7	Bayes' Theorem (**video**) (**handout**)
9	5.3	Probability Applications of Counting Principles (**video**) (**handout**)
	5.4	Bernoulli's Trials (**video**) (**handout**)
	6.1	Random Variables and Histograms (**video**) (**handout**)
10	6.2	Measure of Central Tendency (**video**) (**handout**)
	6.3	Measure of Spread (**video**) (**handout**)
	6.4	Normal Distribution (**video**) (**handout**)
11	F1	Simple interest and discount (**video**) (**handout**)
	F2	Compound interest (**video**) (**handout**)
	F3	Annuities (**video**) (**handout**)
	F4	Present value of Annuities and Amortization (**video**) (**handout**)
12		Review for Exam II
		Exam II
13	2.1	Introduction to Matrices (**video**) (**handout**)
	2.2	Matrix Multiplication (**video**) (**handout**)
	1.3	Gauss Elimination for system of Linear Equations (**video**) (**handout**)
		Thanksgiving Break
14	1.4	System of Equations with Non-Unique Solutions (**video**) (**handout**)
	2.3	Inverse of a Square Matrix (**video**) (**handout**)

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Textbook Information:

You can buy the bundled version of Tomastik & Epstein's *Applied Finite Mathematics* (978-0495839606) with the Webassign code from the UConn Co-op or purchase a WebAssign access code driectly from WebAssign and obtain a copy of the text elsewhere.

Standard section taught by Professor Iddo Ben-Ari (Discussion Sections 10D-27D): Students who have enrolled in the standard section of this course will attend lectures in person by Professor Ben-Ari.

Hybrid section taught by Professor Myron Minn-Thu-Aye (Discussion Sections 71D-86D): Students who have enrolled in the hybrid section of this course will view all video lectures through HuskyCT.

For all sections: Every section has a weekly discussion, which meets in person and will be led by a TA. These present a good opportunity to ask questions and talk about course material in more detail with your TA and fellow students. There will also be a quiz in discussion each week (except the first week), which will form a part of your final grade.

The following applies to all students in all sections of this course.

Homework and Webassign:

Homework: There will be homework assignments for each section of the text. The due date for each assignment will generally be two or three days after the material is covered in class. **You will get 5 attempts to answer each non-multiple choice question. For multiple choice questions the number of attempts will vary based on the content.** After each attempt, you will be told whether your answer is correct or not. If you are not able to get the correct answer after a couple attempts, come talk to your professor or TA. We're here to help! You might also find some help at the Q-Center.

Quizzes: There will be be an online quiz for each section of the text. These quizzes will be timed assignments on Webassign and will generally be due one day after the corresponding homework assignment. There will also be a quiz in each discussion meeting on the previous week's material.

WebAssign: Online homework and quizzes for MATH 1070Q are assigned and completed using WebAssign. WebAssign must be accessed through HuskyCT. To get to WebAssign, go to the HuskyCT site for your discussion section (**not** your lecture section), and click the link on the left navigation menu which says "WebAssign Homework". This will take you directly to the WebAssign homework assigned for your class.

Grading:

Online Homework	Webassign	10%
Online Quizzes	Webassign	5%
Written Quizzes	Discussion	10%
Exam 1: (Thursday October 9)	Common evening exam	25%
Exam 2: (Thursday Novembr 13)	Common evening exam	25%
Final Exam: (TBA)	Common exam	25%

NOTE:
Our midterm exams will be held on Thursday evenings. The exam times are 6pm-8pm or 9pm-11pm, and everyone was required to select an exam time during registration. Make sure to check in PeopleSoft to see which exam time you are registered for.

Our final exam will be scheduled by the Registrar closer to the end of the semester.

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Final Exam Review

A Review for the Final Exam will be held in **LH 102 on Thursday December 11th from 6pm to 8pm**.
The review will be streamed live and recorded.
Click here to stream the review from 6-8 on Thursday evening, or to view the recorded review afterwards.

Rooms for Final Exam (12/13 3:30pm-5:30pm)	
Discussion Sections	**Room**
10D-12D, 14D-15D, 19D-20D	PB 36
13D, 16D, 18D, 22D-23D, 26D-27D	CHM A120
17D, 21D, 24D-25D	PB 38
71D-74D, 76D-77D, 80D, 82D, 86D	LH 102
75D, 78D-79D, 81D, 84D	LH 101
83D, 85D	LH 201