University of Connecticut

Department of Mathematics

Math 1070Q — Mathematics for Business and Economics — Spring 2011

Text:

Applied Finite Mathematics (Tomastik & Epstein; ISBN10: 0-495-83960-4; ISBN13: 978-0-495-83960-6). The text will be covered in the order Chapter 4, Chapter 5, Chapter F, Chapter 1, Chapter 2, and Chapter 3. View the course outline for more details.

Exams:

There will be evening exams from 6PM-8PM on Wednesday, 23 February 2011, and Wednesday, 6 April 2011. If you have a conflict with either evening exam, contact us NOW. Only scientific (non-graphing) calculators will be allowed on the exams.

Homework:

There will be regular graded homework through WebAssign. For those of you without an existing WebAssign account, your login is the part of your UConn email address before the "at" character (so "jane.doe" (without the quotes) if your email is "jane.doe@uconn.edu"); your password is "opensesame" (without the quotes) which should be changed immediately. It is your responsibility to be aware of the associated deadlines.

Quizzes:

There will be regular quizzes and/or other assessments during discussion sections. Makeup quizzes will, as a rule, not be given. If missed for a university accepted reason, the quiz portion of the grade will be computed ignoring that quiz. No calculators will be allowed on quizzes.

Grades:

The semester grade will be computed from five hundred (500) total points. These points will be distributed between the evening exams (100 points each), the final exam (150 points), online homework (75 points), and discussion section (75 points).

Office Hours and Additional Help:

You are welcome to attend the office hours of any of the instructor for this course. These are listed under "Office Hours" on the left. It is essential that you come to office hours to resolve any difficulties or questions with the course material.

For academic matters (absences, grades, etc.), you need to speak with either your lecturer or your discussion section instructor. All of us are available to meet by appointment (send an email!).

Extra help is also available through the Q-Center. The Q-Center provides free tutoring on a drop-in basis and exam review sessions.

Academic Integrity:

Please be familiar with the university policy on academic integrity (http://www.community.uconn.edu/academic_integrity.html). All breaches of this code of conduct will be taken seriously and handled as per university regulations.

Special Accommodations:

Student Athletes and Students with Disabilities should inform your instructor as soon as possible of your commitments as an athlete, any special needs that you have, etc. This is your responsibility. You will expected to bring in a letter from the Athletics Department or the Center for Students with Disabilities. The sooner you us, the better we will be able to accommodate you.

The University Senate passed a motion on about religious observances which stipulated that Students anticipating such a conflict should inform their instructor in writing within the first three weeks of the semester, and prior to the anticipated absence, and should take the initiative to work out with the instructor a schedule for making up missed work. For conflicts with final examinations, students should, as usual, contact the Office of Student Services and Advocacy.

Contact:

Any questions or concerns about the course should be sent to either Asher Kach and/or Steven Pon.

University of Connecticut | Department of Mathematics

Week	Sections
18-21 January 2011	4.1, 4.2
24-28 January 2011	4.3, 4.4
31-4 January 2011	4.5, 4.6
7-11 February 2011	4.7, 5.1
14-18 February 2011	5.2, 5.3
21-25 February 2011	5.4, REVIEW
28-4 February 2011	F.1, F.2
7-11 March 2011	NO CLASS
14-18 March 2011	F.3, F.4
21-25 March 2011	1.1, 1.2
28-1 March 2011	1.3, 1.4, REVIEW
4-8 April 2011	2.1, 2.2
11-15 April 2011	2.3, 2.4
18-22 April 2011	3.1, 3.2
25-29 April 2011	3.3, REVIEW

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Syllabus for Math 1070Q
Mathematics for Business and Economics
Spring 2011
MWF 2:00–2:50, PB 36

Lecturer: Steven Pon

Office:	MSB 326
Phone:	(860) 486-3844
Email:	steven.pon@uconn.edu
Web Page:	`http://www.math.uconn.edu/~pon/math1070s11/index.html`
Common Web Page:	`http://www.math.uconn.edu/ClassHomePages/Math1070/math1070s11/index.php`
Office Hours:	MW: 4:30-6:00, and by appointment.

Teaching Assistant: Yafeng Wang

Office:	MSB 419A
Office Hours:	W: 11:00-11:50, Th: 4:25-5:25
Email:	yafeng.wang@uconn.edu

Teaching Assistant: Sandi Xhumari

Office:	MSB 119
Office Hours:	F: 2:00-5:00
Email:	sandi.xhumari@uconn.edu

Text: *Applied Finite Mathematics*, Tomastik and Epstein. ISBN 0-49583960-4.

Office Hours: Please come to my office hours with any questions or concerns. I'm always happy to help.

Topics: Linear equations and inequalities, exponents and logarithms, matrices and determinants, linear programming. Probability and counting problems. Applications. We will not cover the material in the same order as the book. The basic plan will be 4.1-4.7, 5.1-5.4, F.1-F.4, 1.1-1.4, 2.1-2.3, 3.1-3.3. You will get much more out of lectures if you read the relevant book material prior to class, and anything from the book is fair game on exams.

Homework: You will have regular, graded homework. Assignments are viewed and answers submitted online using WebAssign. (http://www.webassign.net/login.html) It is your job to be aware of WebAssign due dates. You will have at least 8 days to do each assignment. (Just because it is due Saturday night does not mean that you have to wait until then to do it.) There will be 2 or 3 assignments per week. WebAssign expects the exact answer. For example, if the answer is 1/3, type in 1/3, and not 0.3333. You will have 5 attempts for each problem.

Your first homework assignment will be available on Friday, January 19, and will be due January 27. If you do not yet have the book, you can use the free trial WebAssign provides to log in and complete the first few homework assignments.

Your username is the part of your Huskymail account before the "@". For example, if your Huskymail address is "John.M.Smith@uconn.edu,", then your username will be "John.M.Smith". In rare cases, you may need to add a ".1" after your name, so your username would be "John.M.Smith.1". The institution code is "uconn". Your initial password is opensesame. You should change this as soon as possible. You will need to purchase a WebAssign access code from the UConn Coop (they come as a package deal with the class textbook). For other questions, please see the WebAssign FAQ on the class website.

As part of your homework, you must read the relevant textbook sections before class. We will cover the textbook sections in the following order: 4.1, 4.2, 4.3, 4.4, 4.5, 4.6, 4.7, 5.1, 5.2, 5.3, 5.4, F.1, F.2, F.3, F.4, 1.1, 1.2, 1.3, 1.4, 2.1, 2.2, 2.3, 3.1, 3.2, 3.3. In general, we will cover $\frac{1}{2} - 2$ sections per day.

Exams: Two midterm exams will be given, on Wednesday March 2 and Wednesday April 6, both at 6-8 PM. Mark your calendars now! If you have a conflict with either of these times, you must email me two weeks prior to the exam, or we may not be able to accommodate you. The date and time of the final will be set by the Registrar.

You will be given weekly quizzes during your discussion sections. No makeup quizzes will be given. We will drop some number of quizzes, the exact number is to be decided.

Calculators: You will need a scientific calculator for this course. However, graphing calculators will not be allowed on any exams. No calculators will be allowed on quizzes (and they will not be necessary).

Grading: Your final grade will be calculated out of 500 total points. The points will be distributed as follows:

150 points	Final Exam
100 points	First Midterm Exam
100 points	Second Midterm Exam
75 points	Quizzes
75 points	WebAssign

Office Hours: You are welcome to attend the office hours of any of the instructors or teaching assistants for Math 1070Q this semester for math help. It is essential that you come to office hours for any concepts, definitions, or problems that you need help with. *Don't be afraid to ask questions!* If you need to talk about academic matters (e.g., grading), you need to speak to myself or your assigned TA. If you would like to speak with me or one of the TA's individually, you may make an appointment by email. The office hours of all TA's and instructors for this course can be found on the class website.

Q-Center The Q-Center (Q for Quantitative) operates in conjunction with various departments on campus and provides a great resource for students, including free tutoring on a drop-in basis and exam review sessions. You can find out more about this center by visiting: `http://www.qcenter.uconn.edu/`.

Absences: You will be expected to attend every class. If you miss a class due to illness, sports, religious holiday, car trouble, sleeping too late, a last-minute trip to the Bahamas, or any other reason, you will be expected to catch up either by getting notes from your fellow students or attending office hours. In each lecture I will assume that everyone is up to date.

Expectations: I maintain an informal classroom, but please respect your fellow students and myself. This means turning off cell phones and not talking to other students during class, even if you think you're whispering. You must raise your hand if you'd like to ask a question - with 190 students, this is necessary. If you are making too much noise in class, you may be asked to leave.

Academic Integrity: Academic dishonesty is a very serious business, with serious consequences. Please be familiar with the university policy on academic integrity (`http://www.community.uconn.edu/academic_integrity.html`).

Students Needing Special Accommodations: Student Athletes and Students with Disabilities. Inform your instructor as soon as possible of your commitments as an athlete, any special needs that you have, etc. This is *your* responsibility. You will expected to bring in a letter from the Athletics Department or the Center for Students with Disabilities. The sooner you notify the instructor, the better we will be able to

accommodate you.

Religious observances: University Senate passed a motion on about religious observances which stipulated that Students anticipating such a conflict should inform their instructor in writing within the first three weeks of the semester, and prior to the anticipated absence, and should take the initiative to work out with the instructor a schedule for making up missed work. For conflicts with final examinations, students should, as usual, contact the Office of Student Services and Advocacy.

Suggestions: Suggestions for improvement are welcome at any time. You should begin to take charge of your own learning, which means communicating any issues or ideas to your instructor. Any concerns may be brought to my attention via email or office hours.