MATH 1070Q - Mathematics for Business and Economics

Section 20, Spring 2010

Lectures

Class: MWF 1:00 - 1:50PM in PB 36
Instructor: Yuriy Shlapak
Office: MSB 214
Office Hours: Tuesday 3:00-4:30PM, Friday 2:00-3:30PM
Office Phone: (860)486-2341
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Class webpage for MATH 1070Q, Section 20: http://www.math.uconn.edu/~shlapak/math1070s10/
Common webpage for MATH 1070Q: http://www.math.uconn.edu/ClassHomePages/Math1070/math1070s10/

Discussion Sections

Section	Time	Place	TA	TA Office	TA E-Mail
021D	Tu 8:00-8:50AM	ARJ 417	Rebecca Tramel	MSB 119	tramel@math.uconn.edu
022D	Tu 5:00-5:50PM	TLS 301	Rebecca Tramel	MSB 119	tramel@math.uconn.edu
023D	Th 8:00-8:50AM	ARJ 417	Rebecca Tramel	MSB 119	tramel@math.uconn.edu
024D	Th 3:30-4:20PM	MSB 307	Unawatuna Gunathilaka	MSB 229	gunathilaka@math.uconn.edu
025D	Tu 8:00-8:50AM	HAWL 102	Unawatuna Gunathilaka	MSB 229	gunathilaka@math.uconn.edu
026D	Th 5:00-5:50PM	MSB 307	Unawatuna Gunathilaka	MSB 229	gunathilaka@math.uconn.edu
027D	Th 8:00-8:50AM	HAWL 102	Unawatuna Gunathilaka	MSB 229	gunathilaka@math.uconn.edu
028D	Tu 3:30-4:20PM	MSB 307	Unawatuna Gunathilaka	MSB 229	gunathilaka@math.uconn.edu
029D	Tu 4:30-5:20PM	MSB 307	Unawatuna Gunathilaka	MSB 229	gunathilaka@math.uconn.edu

Textbook

Applied Finite Mathematics (Customized Bundle Ed.) by Tomastik & Epstein,
Brooks/Cole (ISBN: 538797010)

Grading

The midterm exams are scheduled as follows:

- Midterm Exam I: From 6 to 8PM on Wednesday, February 24
- Midterm Exam II: From 6 to 8PM on Wednesday, April 7

Each mid term will count for 25%, the final exam - which is cumulative - will count for 30%. Homeworks are done through WebAssign, and count for 10%, while in-class quizzes count for 10%. There are no extra credit projects, and the lowest exam grade will not be dropped. It is a student's responsibility to find out the times and locations of exams or quizzes and to arrive there on time. A missed exam or quiz results in zero score for this exam or quiz.

For a make up exam, you must get a note from the Office of Student Services & Advocacy stating that you have a valid excuse for absence. You are expected to notify your instructor at least a week in advance of your absence, unless this is impossible, e.g. with a medical emergency or a death in the

family. There are no make up quizzes. In case when a student missed a quiz due to a valid excuse for absence, and a student presents a note from the Office of Student Services & Advocacy, the score for the missed quiz will be replaced with the average of scores for other quizzes.

WebAssign

All your homeworks are done through WebAssign. Your username for your WebAssign account is the part of your Huskymail account before the "@". In other words,if your Huskymail account is "Jane.Q.Smith@uconn.edu", then your username will be "Jane.Q.Smith". The initial password is "letmein". Obviously, it is strongly recommended that you change this password during your first session. You will also need the purchase code that comes with your textbook. You do not need the class code that comes with the textbook.

Extra Help

If you are stuck with a concept, be proactive about it. Problems are not going to go away. In fact, they are likely to get worse. Your first line of your defense is your TA, and your lecturer. You can also check out the Q Center for free tutoring. For information on their tutoring, check *www.qcenter.uconn.edu.*

Expectations

- Attendance: You are expected to come to every class. If you miss class for whatever reason, it is your responsibility to find out what material was covered and if any announcements were made during the class that you missed.
- Webpage: Check the common webpage shortly before exams. This is where detailed announcements will be made on what will and will not be on the exam. The URL of this webpage is *http://www.math.uconn.edu/ClassHomePages/Math1070/math1070s10/*
- Cell Phones: Turn off your cell phones before class starts. Cell phone use for any reason - including checking what time it is - is not allowed during exams.

Calculator Policy

This course will follow the standard Department of Mathematics calculator policy:
Calculators that can perform symbolic operations (such as the HP 28 or 48, or TI-92 or 89) are not allowed. If you bring a calculator to the exam, make sure it cannot perform symbolic operations. The instructor may randomly ask for calculators and check programs stored in memory. No formulas stored as programs are allowable. Discovery of such material will result in serious consequences. Sanctions can include, but are not limited to, a letter sent to the Dean of Students of the University; a grade of 0 on the assignment, quiz or exam; a grade of F for the course.

Students with Disabilities

Inform your instructor a.s.a.p. of special needs that you may have like larger printouts of quizzes and exams or extra time on an exam. You will be expected to bring in a letter from the center for students with disabilities. The sooner you notify me, the better that I will be able to accommodate you.

Student Athletes

If you are a student athlete, inform your instructor a.s.a.p. of interferences with your commitments as an athlete (especially conflicts with exam dates). You will be expected to bring in a letter from the athletics department. The sooner you notify me, the better that I will be able to accommodate you.

Academic Integrity

A fundamental tenet of all educational institutions is academic honesty; academic work depends upon respect for and acknowledgment of the work and ideas of others. Misrepresenting someone else's work as one's own is a serious offense in any academic setting and it will not be condoned. Academic misconduct includes, but is not limited to, providing or receiving assistance in a manner not authorized by the instructor in the creation of work to be submitted for academic evaluation (e.g. papers, projects, examinations and assessments - whether online or in class); presenting, as one's own, the ideas, words or calculations of another for academic evaluation; doing unauthorized academic work for which another person will receive credit or be evaluated; using unauthorized aids in preparing work for evaluation (e.g. unauthorized formula sheets, unauthorized calculators, unauthorized programs or formulas loaded into your calculator, etc.); and presenting the same or substantially the same papers or projects in two or more courses without the explicit permission of the instructors involved. A student who knowingly assists another student in committing an act of academic misconduct shall be equally accountable for the violation, and shall be subject to the sanctions and other remedies described in The Student Code. Sanctions shall include, but are not limited to, a letter sent to the Dean of Students of the University; a grade of 0 on the assignment, quiz or exam; a grade of F for the course.

Recommended Exercises

Note that almost all these numbers are even numbers. The solutions to odd problems are in the student solution manual. This gives you an immediate option for self-help if you are stuck on a problem as exercises that are listed close together in the book are usually quite similar.

Section 1.1: # 8, 10, 12, 14, 16, 18, 22, 24, 26, 28, 34, 36, 38, 44, 46, 58

Section 1.2: # 2, 4, 6, 8, 10, 12, 14, 20, 22, 28, 32

Section 1.3: # 4, 6, 12, 14, 18, 22, 26, 30, 32, 36, 40, 44

Section 1.4: # 2, 4, 5, 8, 10, 18, 24, 26, 28, 32, 34, 38, 42, 48, 52, 56

Section 2.1: # 5-14, 16, 22, 24, 28, 30, 34, 46, 52, 54

Section 2.2: # 1-6, 8, 10, 12, 18, 20, 28, 34, 40, 43, 48, 54, 56, 62

Section 2.3: # 2, 6, 10, 12, 16, 22, 28, 30, 38, 46

Section 2.4: # 2, 4, 6, 8, 10, 12, 14, 17, 19, 20

Section 3.1: # 2, 4, 6, 8, 10, 12, 16, 18, 20, 22

Section 3.2: # 2, 6, 12, 16, 18, 20, 26, 32, 34, 36, 44
Then do 50, 52, 54, 56, 58, 60. They correspond to 2, 4, 6, 8, 10, 12 from Section 3.1.

Section 3.3: # 2, 4, 6, 8, 10, 12, 14
Then do 24, 26, 28, 30. They correspond to 50, 52, 54, 56 from Section 3.2.

Section 4.1: # 1-6, 12, 14, 15-22, 24, 26, 40, 42

Section 4.2: # 2, 6, 10, 14, 16, 22, 24, 26, 28

Section 5.1: # 1-12, 14, 16, 18, 24, 26, 30, 36, 38, 39, 42

Section 5.2: # 1-12, 16, 20, 24, 26, 31, 32, 35, 36, 37, 40, 44

Section 4.3: # 1, 2, 4, 7, 8, 12, 16, 18-23, 26

Section 4.4: # 1-14, 16, 18, 20, 22, 29, 30, 32, 34, 36

Section 4.5: # 2, 4, 6, 8, 12, 14, 16, 18, 19, 20, 21, 26, 30, 32, 34, 36, 38

Section 5.3: # 3-6, 14, 16, 18, 21, 22, 26, 28, 30, 32, 34, 36

Section 5.4: # 2, 4, 8, 10, 19-23, 26, 28, 37-40

Section 4.6: # 2, 4, 6, 8, 10, 12, 14, 16, 18, 22, 24, 28, 30, 32, 36, 38, 40, 42, 48, 50

Section 4.7: # 4, 9-12, 22, 24, 27, 28, 32

Section F1: # 1-4, 17-20, 22, 24, 26, 30

Section F2: # 4, 6, 8, 17, 18, 22, 24, 30, 32, 34

Section F3: # 4, 6, 8, 12, 16, 17, 18, 22, 24

Section F4: # 2, 8, 16, 28, 38, 40, 42

Note: The order of the sections may be changed. Some sections may be not covered due to time constraints. Please follow announcements in the class.