MATH 105 Q
MATHEMATICS FOR BUSINESS AND ECONOMICS
FALL 2007

ONLY FOR SECTIONS 2 THOUGH 5, 10 THROUGH 14 AND SECTION 7, 9

University Policy Concerning Honesty by Students

Quoted From the Student Conduct Code (This is an older version. Check the University's Web site for revisions.)

Academic Integrity

A fundamental tenet of all educational institutions is academic honesty; academic work depends upon respect for and acknowledgement of the research 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, and examinations); any attempt to influence improperly (e.g. bribery, threats) any member of the faculty, staff, or administration of the University in any matter pertaining to academics or research; presenting, as one's own, the ideas or words of another for academic evaluation; doing unauthorized academic work for which another person will receive credit or be evaluated; 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.

Text: Finite Mathematics and Its Applications, Custom edition (based on the ninth edition)?**Authors:** Larry Goldstein, David Schneider, and Martha Siegel ?**Publisher:** Prentice-Hall

Content: In addition to a brief review of the algebra of systems of linear equations, the course consists of introductions to these areas of mathematics:? the mathematics of finance, matrices, input-output analysis, maximizing or minimizing linear functions of two or more variables subject to linear inequality constraints, sophisticated counting, and mathematical probability.

Grading: There will be eight or nine brief quizzes, three fifty-minute exams, and a two-hour comprehensive final exam. Each instructor will write quizzes (or group worksheets or projects) for his/her classes, while the course coordinators will write the exams for all of our sections.

Calculators are required for some of the work of the course. Our textbook has tutorials on using certain graphing calculators to carry out some of the tasks we deal with. But students should be aware that **they** and not their calculators are being examined during the various tests, and they should not rely on the calculator as a crutch. **Please work hard to learn the methods we teach you.**

Extra Help and Tutoring

Tutoring service (free) Q Center, in the Homer Babbidge Library's Learning Resources Center, 1st (Umbrella) floor
In the Sunroom in NW Dining Hall.

View the Q-center's Web site here.
The Q Center is now also maintaining a list of private tutors for math and other Q courses on the website
http://qcenter.uconn.edu/private.htm

SYLLABUS & HOMEWORK
EXAM INFORMATION

NAME	SECTION – TIME	OFFICE	PHONE	OFFICE HOURS
Amit Savkar (course coordinator) savkar@math.uconn.edu	7 9.30-10.45am	MSB M 330	486.3844	2-4 M W 3.30-4.3 T,Th
Andrew Carmichael cmichael@phys.uconn.edu	2 – 8.00-9.15 14 -9.30-10.45	P-213 Gant Science Complex	486-0446	11.00 12.30 T,Th
Patrica Arellano arellano@math.uconn.edu	3- 8.00-9.15 13- 9.30-10.45	TBA	TBA	10-11 Tue 2-3 Thrs
Golaszewski, Jordan golaszewski@math.uconn.edu	5 8.00-9.15 12 9.30-10.45	TBA	TBA	TBA
Jessica Todd todd@math.uconn.edu	4 8.00-9.15 10 9.30-10.45	MSB 119	TBA	1-2 M 3-4 W
Dias, Kmg Ushani dias@math.uconn.edu	9 – 9.30-10.45	MSB 229 Wednesday	486-1280	2-3 M Qcenter 2-3 W

NOTES

Sections 1,6,8,10,15 through 22 are under the direct supervision of Prof Leibowitz. They will therefore have different exams, (probably) given on different days and different times with different grading schemes.

Homework Assignments:

Section	Suggested Exercises
1.1	Page 18: 1,3,5,7,11-31 odd, 35,37,43-55 odd, 65,77,96,98
A6	Page 636: 2,4,10,12,26,31,36,42
A7	Page 650: 2,6,19,23
1.2	Page 41: 1,3,5,7,13,17,19,31,33,35,37,39,40
1.4	Page 75: 1,3,9,15,17,19,21,23,25,31
1.3	Page 67: 1,3,5,9-39 odd, 43,45,47,55,57,59,61,65
1.5	Page 89: 1-43 odd, 49,53,55,57
3.1	Page 157: 1-6,9,11,13,15,17,21,23,27,29,31,33,35,39,43,47,49
3.2	Page 179: 1,3,9,11,13,19,23,27,33,35,39
3.3	Page 198: 3,5,9,13(3,5),17,19,21,23,27-32,36,37,39,43
3.4	Page 211: 1,3,5,7,9,11,25,27,29
4.1	Page 239: 1,3,5,9,11,15,21,23,27,35,37,39,43,45,55,61,63,65,67,71,73,75
4.2	Page 251: 3,5,9,11,17,21,23,25,27,33,35
4.3	Page 262: 1,3,9,11,13,19,27,29,33
4.4	Page 271: 1,3,5,7,9,15,17,21,31,33,35,39,43,47,53,55,57,61
4.5	Page 283: 1,7,11,13,15,17,21
5.1	Page 307: 9,11,15,21,23,25,29,35,51
5.2	Page 323: 1,3,7,9,13-31 odd, 41,45,49,51,78,80,81
5.3	Page 339: 1,3,5,9,11,17
5.4	Page 347:1,3,11,13,17,29,35
5.5	Page 356: 1-17 odd, 29
5.6	Page 367: 1,3,5,7,9,13,15
5.8	Page 385: 1,3,5,9,13,15,17,21,23,37,39,43
6.1	Page 406: 1,3,5,7,11,15,21,25,29,31,35,39,43,45
6.2	Page 414: 1,3,5,9,11,13,21,25,27,37,39
6.3	Page 429: 3,4,5,9,17,19,21
6.4	Page 444: 13,15,17,23,25,27,29,37,43,47
6.5	Page 457: 1,3,5,9,13,15,17,19,21,23,35,37,39,41,64
7.2	Page 498: 1,5,9,11,15,19,21,23
6.6	Page 469: 1,5,9,11,15,19,23,25,31,33,35,41,55,59,61
6.7	Page 481: 1,5,7,9,13,15,17,21,23,25
7.4	Page 517: 1,3,7,10,13,31,33,37