Math 1011Q: Introductory College Algebra and Mathematical Modeling -- Spring 2009

Course Information and Syllabus

Eli Glatt Glatt@math.uconn.edu	**Office**: MSB 419A **Office Hours**: Mon 1:30-3:00 and by Appointment. Please email me to set up a time.

Class Meeting Times/Place:
Mon 12:00- 1:30 BCH 302
Tue, Th 12:30 – 1:45 MSB 403
(+ a 2 hour Review Class before Final Exam)

Class Web Page:
http://www.math.uconn.edu/ClassHomePages/Math1011/math1011s09

Textbook: Intermediate Algebra, by K. Elayn Martin-Gay, 5th ed.
(At UConn CooP packaged with Solution Manual)

Homework: Individual homework will be assigned every Tuesday, collected the following Tuesday. Homework assignments will consist of the individual assignments from your textbook listed in the Syllabus Table below, and weekly Group Projects provided as handouts in class. Group Project assignments will be graded, individual assignments will carry exam points – each section's homework assignment is worth one point (this will be explained in more details in class). The majority of homework assignments will be done outside of class, but we will devote 30 to 50 minutes each week to questions related to difficulties in the homework. You are encouraged to work with other students in this class on all your homework assignments.

Exams Schedule: There will be three in-semester, in-class exams and a Final Exam. None is strictly cumulative, but there will be overlap of material between the exams. NO MAKE-UP EXAMS unless there is a very serious emergency for which you provide proof.

Exam 1: Thursday, February 12th, in class
Exam 2: Thursday, March 19th, in class
Exam 3: Thursday, April 16th, in class
Final Exam: TBA

Grading Policy: Homework, Quizzes, and Group projects about 12%. Each Exam (including the Final Exam) is of equal weight, that is, about 22%.

First Day of Classes: Tuesday, January 20th
Spring Break (No Classes): March 8–14
Last Day of Classes: Friday, May 1
Final Exam Week: May 4–9

Syllabus Outline and Individual Homework Assignments

Exam 2 is Thursday, March 19th

Chapter 2		
2.4	Linear Inequalities and Problem Solving	page 84-87: 1,3,11,13,15,43,45,55,63
Group Project	Calculate Your Income	
Group Project	Solving Inequalities	
Chapter 3		
3.1	Graphing Equations	page 126-129: 1,3,5,7,9,17,19,27,33,37
3.2	Introduction to Functions	page 141-145: 1,3,11,23,25,29,30,35,37,55,57,59,61
3.4	The Slope of a Line	page 163-166: 5,9,19,25,29, 37,39,61,63,67, 91
3.5	Equations of Lines	page 173-177: 1,13,25,41,42,44,47,49
Group Project	Three Swimmers	
Group Project	Cigarette Ads	
Group Project	Life Expectancy	
Chapter 4		
4.1	Linear Equations in Two Variables	page 212-215: 1,3,7,8,13,17,21
Group Project	Which Honda Should You Buy?	
Group Project	Photos of All Sizes	
Group Project	System of Equations	