Math 1011Q: Introductory College Algebra and Mathematical Modeling
Spring 2010
Course Information and Syllabus

Liz Liskom liskom@math.uconn.edu	**Office**: MSB 230 **Office Hours**: Tuesday and Thursday 2:00-3:00 and by Appointment (Please email me to set up a time.)

Class Meeting Times/Place: Wed 1:00- 2:30 MSB 407 Tue, Thurs 12:30 - 1:45 MSB 403 **Class Web Page:** http://www.math.uconn.edu/~liskom/math1011s10	**Textbook:** Intermediate Algebra, by K. Elayn Martin-Gay, 5th ed. (At UConn CooP packaged with Solution Manual) **Other Requirements:** A simple Scientific Calculator, for example TI-30Xa

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: Wednesday, February 3rd
Exam 2: Wednesday, March 3rd
Exam 3: Wednesday, April 7th
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%.

Important Days:

Classes Start:	Tuesday, January 19
"W" Day:	Monday, February 1 Classes dropped after this date will have a "W"
NO CLASS	Thursday, March 4
Spring Break (No Classes):	Sunday, March 7 – Saturday, March 13
Last Day of Classes:	Friday, April 30
Final Exams:	Monday, May 3 – Saturday, May 8

Syllabus Outline and Individual Homework Assignments

Each week: 2 to 4 sections from the text-book, and 1 or 2 group projects selected from the table below:

Section	Topic	Individual Homework Assignments
Introduction		Math-Autobiography
Chapter 1		
1.2	Algebraic Expressions and Sets of Numbers	page 14-16: 1,4,7,8,31-36,59,61,67,77,82-84 ,87
1.3	Operations With Real Numbers	page 26-29: 1,9,11,17,21,27,29,30,35,37,43, 47,53,67,73,79
1.4	Properties of Real Numbers	page 37-39: 3,9,15-20,45,51,53,61,83,87, 99
Conversion Rectangle		**1** .Calculate 15% of 723. **2**. If 9.8 is 12% of your grade, find your grade. **3**. Find the height in meters of a person 5'6" tall.
Group Project	Are Rationals Irrational?	
Worksheet	Fractions	
Worksheet	Order of Operations	
Chapter 2		
2.1	Linear Equations in One Variable	page 54-55: 1,11,13,17,23,26,35,41,43,45
2.2	Introduction to Problem Solving	page 62-67: 1,2,5,11,13
2.3	Formulas and Problem Solving	page 72-75: 1,4-10,49
2.4	Linear Inequalities and Problem Solving	page 84-87: 1,5,7,11,12,43,45,46,55,63
2.6	Absolute Value Equations	page 99: 5,9,15,21,53,61
Group Project	Problem Solving	
Group Project	Solving in Terms Of	
Worksheet	Inequalities and Absolute Value	