Instructor: Jonathan Huang  
Office: MTH 4414  Office Hours: TuWTh 1:00 – 2:00  
Email: jahuang@math.umd.edu

Course Info: 
Lectures: 0101 MTuWThF 11:00 – 12:20 in MTH B0425  
Prerequisites: Satisfactory score on Math Department placement exam or completion of MATH 003.  
Class website: [http://www.math.umd.edu/~jahuang/math113.html](http://www.math.umd.edu/~jahuang/math113.html)

Course Plan: Math 113 is an introduction to college algebra designed primarily as preparation for Math 220, Elementary Calculus. Students should be aware that credit can be granted for only one of: Math 112 or Math 113 or Math 110 or 115, although it may be appropriate for some students to take some of these combinations of courses. Math 113 (or 112) is a prerequisite for Math 130 or Math 220.

Tentative Schedule: Here is a tentative weekly breakdown of sections covered from the textbook:  
Week 1-2: Sections P.2, P.3, P.6, 1.2, 1.3, 1.5, 1.6, 2.1-2.5  
Week 3-4: Sections 2.6-2.8, 3.1, 3.2, 3.5, 4.1-4.5  
Week 5-6: Sections 5.1, 5.2, 5.4-5.6, 6.1, 6.3, 8.1, 8.3

Homework: There will be graded homework due daily (except for on Fridays of exams, but including weekends), consisting of problems from the textbook. You may work through these on your own, in groups, or in the tutor room. The homework problems will be posted on the course website. Each will be worth 10 points and the lowest 4 scores will be dropped. I will also post recommended problems.

Quizzes: There will be short in-class quizzes daily (except for Thursdays before exams). They will be 10 minutes long and the lowest 2 scores will be dropped.

Exams: There will be 3 in-class exams every other Friday. The dates are (1) June 8, (2) June 22, (3) July 6.

Grading Scheme: The final term grade will be based on the following:  
- Homework: $(22.00\text{ (22 many - 4 dropped) }\times (10\text{ pts each}) \times (20/18)) = 200\text{ pts}$  
- Quizzes: $(21.00\text{ (21 many - 3 dropped) }\times (10\text{ pts each}) \times (20/18)) = 200\text{ pts}$  
- Exams: $(2\text{ many} \times (100\text{ pts each})) = 200\text{ pts}$  
- Final Exam: $(1\text{ many} \times (110\text{ pts each}) \times (15/11)) = 150\text{ pts}$  
- Total: $750\text{ pts}$
Absences: It is the student’s responsibility to let the instructor know in advance if he or she expects to be absent on any given day. In general, there will be no make-up homework or quizzes, except in cases of family or medical emergency.

Tutoring Resources: There will be tutoring resources available Monday through Friday in the Math Building from 12:30 – 2:30.

Students with Disabilities: The University of Maryland provides upon request appropriate academic accommodations for qualified students with disabilities. Students who seek special accommodations due to disabilities must first set up an appointment with Disability Support Services (DSS) in the Counseling Center, 314-7682. Students should download the DSS registration forms and bring appropriate documentation to the DSS office (Shoemaker 0126) prior to the meeting.

Policy on Academic Dishonesty: You are expected to abide by the University’s policy on academic integrity:

   http://www.shc.umd.edu

All cases of academic dishonesty will be referred to the Office of Student Conduct. Academic dishonesty includes cheating on quizzes and exams.