

**Mathematics 1090 General Syllabus**  
**Fall 2009 – Summer 2010**

**Text:** *Business Algebra*, by Kelly MacArthur (For this year, we'll use the Preliminary edition.)

**Course Outline:**

Review	2 classes
Chapter 1 (1.1 – 1.7) Linear Equations and Inequalities	6-7 classes
Chapter 2 (2.1 – 2.5) Matrices	5-6 classes
Chapter 3 (3.1 – 3.8) Functions and Graphs	8-9 classes
Chapter 4 (4.1 – 4.6) Exponential and Logarithmic Functions	6-8 classes
Chapter 5 (5.1 – 5.5) Mathematics of Finance	5-7 classes

This takes 32-39 class days to cover the material, out of 42 or 43 class times total in the fall and spring schedule (for a MWF class). That leaves you with a small handful of extra days for reviewing and testing.

**Final Exam:** The final exam for this course is a department-wide exam. Here's the schedule for this school year. (Note: If you're teaching an evening or off-campus course, then your final exam will be at the regularly scheduled time, not the department-wide exam slot.)

Fall 2009      Tuesday, December 15<sup>th</sup> 3:30 – 5:30 p.m.

Spring 2010   Wednesday, May 5<sup>th</sup>, 3:30 – 5:30 p.m.

We'll meet about a month before the semester ends to create the final exam and discuss grading strategies.

**Calculators/Technology:** Each instructor is free to decide how to handle this decision in the context of the classroom. Make sure you explicitly inform your students about your calculator policy. If you do allow all types of calculators, remember that some of them can do all the finance math (from Chapter 5) in addition to the basic arithmetic calculations. Plan your tests, quizzes and homework accordingly to ensure you're testing the students' mathematical skills and not their calculator skills. You're also welcome to use Maple, Excel or any other computer program you see fit for the class.

**Note:** For the final exam, we will only allow scientific calculators, NO graphing or programmable calculators. You need to inform your students early about this policy so they can plan accordingly.

**Course Coordinator Contact:**

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