Instructor	Darryl Allen
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Office Hours	Mon 10-11am, Tue 7-8am, Wed 12-2pm, Thu 7-8am and by appointment. I can also be found in the MAC on Mon 9-10am, 12-1pm, 2-4pm, Tue 12-1pm, Wed 9-10am, Thu 12-1pm, and Fri 9-10am, 1-3pm
Text	Fundamentals of College Algebra, 11th Edition, Swokowski and Cole
Lecture	TTh 9:30-10:45am 1527

Course Title and Number

Math 002, Algebra for Calculus, 3 units.

Course Prerequisites

A grade of "C" or better in Mathematics 104. Implicit in this is requirement is not just that you have taken the course in the past and gotten a grade of C or better, but instead that you actually have a ready knowledge of that material. If you do not, you will find that you cannot learn the material in this course.

Course Description and Objectives

Designed to develop the skills and introduce the concepts necessary for further study in mathematics, and to facilitate the application of those skills and concepts to other fields. Included is a review of elementary set algebra; the algebra of functions; the real and complex numbers as a field; algebraic, exponential, and logarithmic functions; equations and inequalities of these functions; solution of linear systems, matrix algebra; and introduction to sequences and series.

Course Content Outline

We will be covering most of the material in chapters 1-8 of our text, but it is expected that the student comes into the class having previously mastered the majority of the material in Chapters 1-3 as this is a prerequisite for the class.

Student Learning Outcomes

Apply functions as a mathematical tool to model the conceptual ideas of algebra.

Methods of Evaluation

There will be 4-5 exams followed by a comprehensive final. No makeup exams will be given. Homework will be assigned daily. Attendance in lecture and the MAC is required. If a student has not **consistently** spent the required time in the MAC each week, they will be dropped from the course.

Grading Standards

Your grade for the course will be determined as follows:

	Points		Points	Grade
MAC Activities	100		900-1000	A
Exams	600		800-899	B
Final Exam	300		700-799	C
			600-699	D
			Below 600	F

Academic Dishonesty Policy

Your instructor clings to the old-fashioned belief that a student's grade should reflect their understanding of the material and not that of a friend or neighbor. As a result it is expected that the work you submit for the course be the product of only your labor and intellect. If it is found that work submitted for homework, quizzes, or exams is not original and not produced only by the student submitting it, that work will receive zero points and that score not dropped.

Attendance Requirements

It is expected that students **attend every class**, arrive on time, and stay the entire class period. Those who do not will almost surely fail. It is very difficult to "catch up" in a mathematics or science class. One of the keys to success in such courses is to keep up with the material. I will take attendance on a daily basis. Any student missing more than 2 class meetings will be dropped from the course (as described in the Faculty Handbook). The last date to register is Sep 4, 2011. The last date to drop the course and receive no grade is Sep 18, 2011. The last date to drop the course and receive a "W" is Oct 30, 2011.

Outside of Class Homework Expectations

Homework will be assigned daily but will not be collected. Those students wishing to succeed in the class will make sure to do all the homework exercises.

Additional Requirements

Students must spend at least 1 hour each week in the Math Activities Center (MAC), room 1525. Any student who has not spent at least 3 hours in the MAC by the census date (Sep 6, 2011) will be dropped from the class. **No electronic devices allowed in the classroom.** The list of proscribed devices includes, but is not limited to, cell phones, IPODS or other sound or video devices, cameras, and graphing calculators or calculators that can render text. **No eating in the classroom is allowed. If your cell phone rings during class you will be asked to leave the room**, and will miss that class meeting as well as the following one (which would be the two misses allowed).

Date of the Final Exam

The final exam is Thu Dec 15, 2011, 8:00am-10:00am.

Dates of Semester Holidays

Holidays are Sep 5, 2011 (Labor Day), Nov 11, 2011 (Veteran' s Day), and Nov 21-25 (Thanksgiving week).

How to Get Great Grades without Really Trying

As with most things in life, there is an easy way and a hard way to get good grades. The hard way is to skip classes, show up late for classes, fail to do the homework, and then try to cram 4 weeks worth of material prior to every exam. This is a recipe for failure.

You might find that many of the following strategies improve your grades and reduce your stress. I strongly encourage you do the following:

1. Attend every lecture arriving on time and staying for the entire class period.
2. Prior to attending said lecture read through the notes from the previous lecture, and skim through the section to be covered in that lecture.
3. Take notes.
4. As soon as possible after class recopy your notes, and do the homework.
5. Ask questions if any concept is not clear. Take advantage of your instructor's office hours.

This is the easy way to A's. You may well find that you never need to study for exams since you at all times know the material.