

SYLLABUS  
Math 115 Section Number 0236  
ELEMENTARY ALGEBRA

Instructor: G. Daddazio  
Semester: Spring 2008

Campus Phone: (818) 364-7600  
Instructor Extension: 4280  
Email: daddazgd@lamission.edu  
Bungalow 1  
LRC 208 (just outside)

Class Meetings: 12:25-2:55 pm Tuesday, Thursday  
Office Hours: 11:20-12:10 pm Tuesday, Thursday

Text: Elementary Algebra, Eighth Edition  
Jerome E. Kaufmann Karen Schwitters

<u>Chapter</u>	<u>Test Dates</u>
1 Some Basic Concepts of Arithmetic and Algebra (review)	
2 Real Numbers (review)	#1 Thu, Feb 14
3 First-Degree Equations and Inequalities of One Variable	
4 Formulas and Problem Solving	#2 Tue, Mar 4
5 Exponents and Polynomials	
6 Factoring and Solving Equations	#3 Thu, Mar 20
7 Algebraic Fractions	
8 Coordinate Geometry and Linear Systems	#4 Tue, Apr 22
9 Roots and Radicals	
10 Quadratic Equations (plus Sec. 11.7: Relations and Functions)	#5 Tue, May 13
Comprehensive Department Final Exam Bungalows	Sat, May 31 *10:15-12:15 pm

\*All students are required to be present 15 minutes earlier with a valid picture ID.

Additional Important Dates

Mar 24-30:	Spring Break (college closed)
May 5:	Last day to drop** with a "W" (in person)
May 5:	Last day to drop** with a "W" (Internet or STEP)
May 22:	Last class meeting

**IMPORTANT NOTE:** Students are expected to attend all scheduled class meetings for the full duration of each meeting. Failure to do so may result in exclusion from the class. Instructor should be notified at extension 4280 (or by email: see top, right) in case of emergency regarding attendance. However, in any case, it is the **student's responsibility** to drop\*\* the class if the student wishes to no longer be enrolled.

GRADES

Final grades will be determined from the Test scores and the Final Exam score as follows:  
Each Test has weight 13.2%. The Final Exam has weight 34%.

Course Letter Grade will be determined from the overall course percentage grade as follows:

A: at least 90%      B: less than 90% but at least 80%      C: less than 80% but at least 65%  
D: less than 65% but at least 50%      F: less than 50%

CONTINUED ON BACK

## Some Additional Items of Class Policy

- Cell phones must be turned off for the duration of each class meeting
- Students are expected to arrive on time and return to class after break for rest of session
- Students are expected to take notes and do all assignments in notebook

## Learning Outcomes

- Categorize numbers
- Manipulate numbers using basic numerical operations
- Evaluate arithmetic expressions containing exponents
- Solve first-degree equations and inequalities
- Solve formulas for a given variable
- Recognize and solve proportion problems, analyze and solve word problems
- Simplify, add, subtract, multiply and divide polynomials
- Simplify expressions containing negative exponents
- Factor polynomials using appropriate methods
- Apply factoring techniques to solve second-degree equations
- Factor polynomials using a variety of techniques
- Solve equations and word problems using factoring
- Manipulate and simplify algebraic expressions
- Solve equations containing algebraic fractions
- Graph equations in two variables
- Determine equations of lines
- Solve systems of equations
- Determine roots, simplify, add, subtract, multiply and divide radicals
- Solve equations containing radicals
- Solve quadratic equations using completing the square and the quadratic formula
- Define and evaluate relations and functions

## NOTES / REMINDERS