Syllabus for Math 115
ELEMENTARY ALGEBRA
Instructor: Garo Kilislian.
Tel. 818-843-1773 Fax# 818-843-1773 Email: garabet.kilislian@lausd.net
Prerequisites: Minimum grade of B in Math 401C or minimum grade of C in Math 403 or
a satisfactory score on placement test.

Objectives of this course: Upon successful completion of this course, you will be able to:

1. Use the fundamental operations to simplify expressions involving integers and
   polynomials.
2. Set up and solve application problems using linear equations and inequalities in
   one variable.
3. Graph linear equations and inequalities in two variables on a rectangular
   coordinate system.
4. Solve systems of linear equations and application problems in two variables using
   graphical and algebraic methods.
5. Use the properties of integral exponents to simplify algebraic expressions.
6. Factor trinomials and difference of two squares.
7. Use the fundamental operations to simplify rational expressions.
8. Solve equations and application problems involving rational expressions.
9. Graph parabolas by using a table of values.
10. Simplify complex fractions and solve equations involving radicals.
11. Solve quadratic equations and application problems by using factoring, extraction
    of roots, completing the square, or using the quadratic formula.

Chapters to be covered: 1, 2, 3, 4, 5, 6, 7, 8, and 9

Grades and Attendance:

1. You need to attend class regularly and do your homework regularly. Homework
   will be collected daily.
2. There will be a test given at the end of every two chapters.
3. There will be a general exam at the end of the course. Attendance is obligatory for
   tests and quizzes and exam. No make up for tests.
4. Final grade is based on
   Homework 10% based on completion and neatness of work. You have
to show your work for all math-works in H.W. and Tests.
   Attendance 10%
   Tests &Quizzes 50%
   Final exam 30%
   Total 100%

After two absences, you lose 1 point for each absence.

Note to remember: Popping gum, eating or drinking sodas, excessive talking
  giggling, and use of cellular phones & ipods are strictly not allowed in class.