

Math 115- Elementary Algebra
West Los Angeles College
Section 1473
MTWTh 10:20 AM-12:50 PM
MSA009

Instructor: Brian Carty

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Office Hours: M 9:15-10:15; TWTh 12:55-1:25

Course Description: This is a first course in algebra. It covers the fundamental operations on natural numbers and carries on a logical development through all the real numbers. The course includes the solution of linear and quadratic equations and their graphs, factoring and statement problems.

Prerequisite: Mathematics 110 or 112 with a grade of “C” or better, or appropriate placement level demonstrated through the mathematics assessment process.

Required Text: *Beginning Algebra with Applications, Aufmann et al, 7th ed.*

Recommended: A scientific calculator for checking work.

Grading: Weekly Tests- 60%
Homework- 15%
Final- 25%

Weekly Tests: There will be a test every Monday (except the first day of class) focused on the material from the week before. Below is a rough guide as to what chapters will be covered, but please be advised this is subject to change. There will be **no makeups given**, though the lowest score will be dropped.

Date	Likely topics
6/22	Ch. 1 and 2
6/29	Ch 3 and 4
7/6	Ch 5
7/13	Ch 6

7/20	Ch 7 and 8
7/27	Ch 9
8/3	Ch 10 and 11

Homework: Homework will be assigned every day and checked for completeness on Tues, Wed, and Thurs of each of the first 7 weeks. There is a lot of material to cover and the shortened schedule demands a very fast pace. Failure to practice skills covered in class regularly can quickly derail any chance of mastering the material. If you are unable to dedicate daily time to homework, then the summer session is probably a bad time to take this course. Homework should be attempted on loose-leaf/graphing paper with your name clearly on all pages, paper-clipped or stapled together, turned in within the first 10 minutes of class. Reasonable attempts should be made on all problems assigned, and you will be assigned a Satisfactory/Unsatisfactory grade for each assignment.

Final Exam: A cumulative, departmental final exam will be given on the last day of class, August 6th. You will need a scantron.

Attendance: Students are expected to arrive on-time and remain until dismissed. Leaving for long periods during class will be considered being absent. Repeated absences (or three consecutive unexcused absences) may result in the student being dropped from the course.

Behavior and Responsibilities: Students are expected to behave in an appropriate and respectful manner at all times. Food and drink are prohibited in the classroom, and cellular phones, beepers, and similar devices must be either turned off or silenced. Incidences of cheating or academic dishonesty will be taken very seriously. Please consult the student handbook for further information regarding West Los Angeles College's policies on student responsibilities.

Students with disabilities who believe they may need accommodations in this class are encouraged to contact Disabled Students Programs and Services located in Student Services, 3rd floor, phone number [310-287-4450](tel:310-287-4450) as soon as possible to better ensure such accommodations are implemented in a timely fashion.

Course SLOs

Construct, analyze, and interpret graphs of linear equations in two variables in theoretical and applied contexts

Analyze an application, determine the data and formula(s) required for solving the given application, write an equation(s), solve the equation(s), and write a statement of conclusion that summarizes the results using units of measure.

Solve linear and quadratic equations in one variable, and solve equations containing algebraic fractions or square roots in one variable