

VICTOR VALLEY COLLEGE SYLLABUS
MATH 50 – Elementary Algebra #21328
4 Unit Course
M-W 1:30-3:10 Bldg 30 Rm 7
Pat Mauch, Instructor
Office Hours M-W 10:00-11:00; T-R 11:45-1:15

Phone: Ext 2731

E-mail:mauchp@vvc.edu

Office: LA K

Class Meeting Dates: August 25 – December 10

Class will not be held on Monday, September 1 and Monday, November 10.

Final will be given on Wednesday, December 10.

Withdrawal Policy

Last day to withdraw and not receive a "W" is September 17, 2008.

Last day to withdraw and receive a "W" is November 4, 2008.

Prerequisites:

MATH 10 or Math 12 with a grade of "C" or better or eligibility as determined by VVC assessment.

Course Description: The following topics will be addressed:

- ◆ Arithmetic operations and absolute value of positive and negative rational numbers
- ◆ Arithmetic operations with literal symbols
- ◆ Linear equations and their graphs
- ◆ Solutions to and graphs of inequalities
- ◆ Operations with integral and fractional exponents
- ◆ Operations with polynomials and rational expressions
- ◆ Systems of linear equations with two unknowns
- ◆ Special products and factoring
- ◆ Solutions of quadratic equations
- ◆ Solutions of elementary word problems
- ◆ Applications of formulas for perimeters and areas of simple geometric figures

Outcomes/Objectives:

- ◆ The student shall be able to demonstrate properties of real numbers.
- ◆ The student shall be able to factor standard types of expressions.
- ◆ The student shall be able to solve linear equations of one or two variables.
- ◆ The student shall be able to solve quadratic equations by factoring, completing the square and by use of the quadratic formula.
- ◆ The student shall be able to solve inequalities of one or two variables.

- ◆ The student shall be able to use powers with rational number exponents.

- ◆ **Absence/ Tardiness/ Makeup Policies:** Punctual and regular attendance is expected at all classes. Students who are absent, tardy, or do not attend the full class for more than four classes may be dropped.
 - **Attendance Policy:** *(Class attendance is not a measure of performance or proficiency. Whether a student is just physically present in the class is not a valid basis for grading. Reference Title 5 Section 55002 of the California Code of Regulations: (A) Grading Policy. The course provides for measurement of student performance in terms of stated course objectives and culminates in a formal, permanently recorded grade based upon uniform standards in accordance with section 55758 of this Division. The grade is based on demonstrated proficiency in the subject matter and the ability to demonstrate that proficiency, at least in part, by means of written expression that may include essays, or, in courses where the curriculum committee deems them to be appropriate, by problem solving exercises or skills demonstrations by students.)*

- ◆ Assignments will be handed in on the date when they are due.
- ◆ Tests will be taken at scheduled times. Any variation will need to be okayed in advance.

Required Texts and Materials:

- ◆ *Introductory Algebra* (Marvin L. Bittinger–10th Edition)

Plagiarism and Cheating Policy:

- ◆ Homework Assignments may be worked on collaboratively.
- ◆ Exams are to be completed solely by the individual; any evidence of cheating will result in a 0 grade on that exam.

Grading Policy: Grades will be calculated in the following matter:

- ◆ Homework sets will be assigned at each class meeting. These will be due at the following classtime.
- ◆ Homework sets and unannounced quizzes will account for 15% of the final grade.
- ◆ There will be four tests, which will account for a total of 60% of the final grade.
- ◆ The final exam will account for 25% of the final grade.

Grading Scale:

90-100%	A
80 – 89%	B
70-79%	C
60-69%	D
0-59%	F