VICTOR VALLEY COLLEGE SYLLABUS
MATH 90 – Intermediate Algebra #21436
4 Unit Course
T-R 9:50 - 11:30 Bldg 20 Rm 6
Pat Mauch, Instructor
Office Hours M-W 10:00-11:00; T-R 11:45-1:15

Class Meeting Dates: August 26 – December 11.
Class will not be held on Thursday, November 27.
Final will be given on Thursday, December 11.

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 50 with a grade of “C” or better or eligibility as determined by VVC assessment.

Course Description: The following topics will be addressed:
- Exponents, powers, and roots
- Quadratic equations and quadratic functions
- Graphing linear and quadratic functions and inequalities
- Slopes of lines
- Solutions of equations with rational expressions
- Solving systems of linear equations with two and three unknowns
- Second and third order determinants
- Exponential and logarithmic functions
- Absolute value and inequalities
- Sequences, Series, and Probability

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.
- The student shall be able to solve systems of equations using matrices
- The student shall be able to solve problems using sequences and series
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:

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