

VICTOR VALLEY COLLEGE COURSE SYLLABUS FALL 2008

Course No.: Math 105 Course Title: College Algebra Units: 4
Section No.: 21084 Class Hours: 1:30-3:10PM
Days: TTh Room No.: LA6
Instructor Name: Ed Fink Telephone : (760)951-1677
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FALL CALENDAR

Instruction Begins	August 25
Labor Day Holiday (no classes)	September 1
Veteran's Day Holiday (no classes)	November 10
Thanksgiving Holidays (no classes)	November 27-29
Fall Semester Ends	December 13

WITHDRAWAL POLICY

Last day
to withdraw from a
semester length class
and receive a "W" is
November 4, 2008.

**NOTE - Classes will not be held on the following dates:
Monday, September 1; Monday, November 10 and Thursday
through Saturday, November 27 - 29.**

Prerequisite: Math 90 with a grade of "C" or better, or eligibility as determined by VVC assessment test.

Textbook: College Algebra(1st edition) by Coburn, published by McGraw-Hill(2007) and a supplement MathZone which is recommended. This textbook can be purchased new bundled with MathZone at no extra charge. If you purchase a used textbook, MathZone can be purchased online. If buying the book is a financial burden, contact EOPS. They have some funds available for this.

Required Materials: notebook to hold notes and rectangular graph paper; a scientific calculator or graphing calculator is required(a graphing calculator, any TI model, is recommended for pre-calculus students)

Course Description: Topics covered include factoring equations and inequalities, radicals and fractional exponents, solution of linear, quadratic and polynomial equations, graphing of relations and functions, absolute value, absolute inequalities, systems of equations, exponential and

logarithmic functions, complex numbers, binomial theorem, rational expressions and partial fractions, determinants and matrices of any order, and progressions.

Course goals and/or objectives (brief statements about what a student should know or be able to do as a direct result of this class): Math 105 should give you a sound foundation in functions and graphs, an intuitive sense of limits, and refresh the algebraic skills for a student preparing to take calculus as well as for those preparing for work in electronics, computers and other technical areas.

Attendance Policy: Regular attendance and timely completion of homework are very important in this class. You are expected to attend class for the entire time the class is in session; students who leave early will be considered tardy. A student who misses more than four hours of class or accumulates more than four tardies may be dropped; however, it is your personal responsibility to complete add/drop forms. If you stop attending without dropping, you risk a failing grade.

Homework: In addition to attending class you need to plan on spending about eight hours per week on homework. Homework assignments are due on the day of the next test as shown on the attached lesson plan. Late homework can be turned in up to and including the last day before the final exam. Most of the problems assigned have the answers in the book, so that you may check as you work. To receive credit, assignments must show your work; credit will not be given for answers only. You may use a calculator on homework with involved calculations. It is recommended that the reading assignments be accomplished in two phases. Scan through assigned sections in textbook for an introduction to new concepts and methods before the lecture. After the lecture study carefully all of the pertinent examples in the textbook.

Visitors/Children: Visitors are permitted if the instructor is notified before the class they desire to attend. If you have children needs, go to the Child Development Center. If you show up in class with your child, you will not be permitted to attend class. This is a college policy.

Exam Make-up Policy: You are expected to take the 6 tests and final exam as scheduled. If you must miss a test, submit a written request for make-up to the instructor prior to your absence. Tests taken after the class test date have a maximum grade of 75%. When allowed, testing is done at the LC (Learning Center) by appointment ONLY and must be within one week of the original test date.

STUDENT EVALUATION CRITERIA

Qizzes/Tests	<u>6 chapter tests</u>	% of points	<u>55%</u>
Projects, papers, etc.	<u>Math Lab</u>	% of points	<u>5%</u>

Mid-term exam _____ % of points _____
Final exam (comprehensive) _____ % of points 30%
Other (participation, homework, attendance, etc.) _____
Homework _____ 15%

Grading Scale	Percentages are obtained from an
85 - 100% A	adjusted distribution curve with
70 - 84% B	the 100% point taken as the highest
50 - 69% C	points in the class, not the total
30 - 49% D	possible points.
Below 30 F	

Comments/Other Ground Rules:

Regardless of other grades, the final exam is a course requirement. You must take it to pass. No points are given for attendance per se. All changes to schedule will be announced in class. Depending on student interest, office consultations on how to forecast your grade will be offered throughout the semester.

Classroom Behavior: When you are in this class, you should pay attention and take notes, as appropriate. The classroom environment requires consideration and respect for up to 45 other people. Feel free to ask questions in class, but do this in such a manner that everyone can hear and benefit from the question and answer. This is preferable to limited communication within a small group. In keeping with this manner of communication cell phones should be turned off during class.

Help: Bring questions on homework problems to class for discussion. If you have difficulty, the Learning Center has more than 40 tutors available to students. There are video tapes available in the library to supplement the textbook. All of these services are provided free by the college. However, you must be personally responsible for coming forward and using help as needed. In addition an interactive tutorial MathZone can be acquired for use by my students on the web.

Tests: Tests will consist of information covered in lectures, textbook readings and homework. Tests are closed book and closed notebook. Calculators may be used on selected tests which are so designated. Students are expected to show academic honesty while taking a test.

Extra Credit: Math lab projects will be offered occasionally for extra credit and can be used by a student to makeup the points otherwise missed on homework assignments. A printout of graphical solutions to an assigned problem will be required on certain projects. This can be accomplished by utilizing a

graphing calculator (TI-Graph Link software and an associated cable will be needed) or Maple computational software residing in the MathLab, located in the ATC.

WEEKLY LESSON PLAN

Week	Topic - Sections	Homework Assignment - odd exercises	Assessment
1	1.1,1.2,1.3	1.1: 7-84 1.2: 7-94 1.3: 7-80	
2	1.4,1.5,6.4	1.4: 7-70 1.5: 7-114 (EOO) 6.4: 7-70	
3	2.1,Graphing Calculator Tutorial, 2.2,2.3	2.1: 7-80 2.2: 7-102 (EOO) 2.3: 7-102 (EOO)	Test 1
4	2.4,2.5,2.6	2.4: 7-78 2.5: 7-76 2.6: 7-38	
5	3.1,3.2,3.3	3.1: 7-66 3.2: 7-90 3.3: 7-80	
6	3.4,3.5,3.6	3.4: 7-50 3.5: 7-48 3.6: 7-46	
7	3.7,3.8,4.1	3.7: 7-30 3.8: 7-51 4.1: 7-48	
8	4.2,4.3,4.4	4.2: 7-68 4.3: 7-96 4.4: 7-58	Test 2
9	4.5,4.6,4.7	4.5: 7-62 4.6: 7-54 4.7: 7-54	
10	5.1,5.2,5.3,5.4	Summary and Concept Review Exercises-Chap 5	Test 3

11	5.5,5.6,6.1,6.2	Summary and Concept Review Exercises-Chap 5 Summary and Concept Review Exercises - Chap 6	
12	6.3,6.5,6.6,6.7, 6.8	Summary and Concept Review Exercises - Chap 6	Test 4
13	7.1,7.2,7.3	7.1: 7-70 7.2: 7-62 7.3: 7-52	Test 5
14	7.4,7.5	7.4: 7-48 7.5: 7-62	
15	8.1,8.2,8.3, 8.4,8.7	8.1: 7-92 8.2: 7-80 8.3: 7-106(EOO) 8.4: 7-26 8.7: 7-50	Test 6
16	Review Final Exam		December 11 at 1:30 PM

EOO - every other odd

* Even applications problems related to a student's major field of study may be substituted for odd applications problems assigned.