



Math 105
College Algebra
Course #08075 (4 units)
Course Syllabus
Summer 2006

Instructor: Stephen Toner
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Class Hours: MTWTh: 8:45–11:50 am
Room: bldg. 30 (Liberal Arts), room 10
Office: bldg. 30, office U
MathZone Code: 498-9F-EFF

Winter Calendar:	June 16	Classes Begin
	July 4	Independence Day Holiday
	July 14	Last day to drop and receive a “W” grade
	July 27	Last Day of Class

Prerequisite: Math 90 with a grade of "C" or better. **Be sure that you meet this requirement.** You will be administratively dropped if it is discovered that this requirement has not been met.

Textbook: *College Algebra*, John W. Coburn. This is a new text. If you purchase it at the VVC bookstore, it will come bundled with the **required** MathZone online supplement. **MathZone Code: 498-9F-EFF**

Course Description: This course covers factoring; radicals and rational exponents; rational expressions; solutions of linear, quadratic, and polynomial equations and inequalities; absolute value equations and inequalities; graphing relations and functions; solutions of systems of equations; exponential and logarithmic functions; conics; partial fraction decomposition; complex numbers; binomial theorem, determinants and matrices of any order; arithmetic and geometric progressions; and proof by mathematical induction.

You are required to attend class every day. After 4 hours of absence, you **may be dropped** from this class. It is **your responsibility** to keep your enrollment status current. You risk an “F” if you stop attending without officially withdrawing. Do not bring friends or children to class. **Please turn any cell phones or pagers to silent mode during class time.** No cell phones will be allowed on your desk during exams.

Homework Policy: Practice is essential. Each student is expected to spend at least 2 hours doing homework for each hour this class meets. I expect you to practice *at least* every-other-odd exercise in your text (#1, 5, 9, 13, etc.) unless otherwise directed. In lieu of written homework, an online assessment will be required for each unit.

Grading Policies: Grades will be based on the four exams (100 points each) and homework (20 points for each 2-chapter unit and an initial assessment- 100 points total). You may use a non-graphing, non-programmable, calculator on each exam (however most exams will be designed so that a calculator is not needed). No notes or “cheat sheets” will be allowed on any exam. Any exam not taken will be regarded as a zero. Students are expected to complete all exams during class on the dates and times scheduled. **No make-up or re-take exams will be given.**

Grading Scale: A=90% or above; B=80%-89.9%; C=70%-79.9%; D=65%-69.9%; F=below 65%

Tentative Class Schedule

An effort will be made to adhere as closely as possible to this schedule. If we can ever “get ahead” of the pace, we will take the opportunity to do so, just in case we need extra time on other material, later in the course. Test dates are **fixed**, however. They will not change, regardless of our progress through the course.

Sections to be Covered In Class			Sections to be Covered In Class		
M	6/19	Intro, R5-R6, 1.1-1.2	M	7/10	Review, TEST CH. 3 & 4
T	6/20	1.3-1.5	T	7/11	5.2-5.5
W	6/21	2.1-2.3	W	7/12	5.6, 6.1-6.2
Th	6/22	2.4-2.5, review	Th	7/13	6.3-6.5
M	6/26	Review, TEST CH. 1 & 2	M	7/17	6.6-6.8
T	6/27	3.1-3.3	T	7/18	7.1-7.2, review
W	6/28	3.4-3.6	W	7/19	Review, TEST CH. 5 & 6
Th	6/29	3.7-3.8, review	Th	7/20	7.3-7.5
M	7/3	4.1-4.3	M	7/24	Review, 8.1-8.2
T	7/4	Independence Day Holiday	T	7/25	9.3-8.4
W	7/5	4.4-4.6	W	7/26	8.7, review
Th	7/6	4.7, review, 5.1	Th	7/27	Review, TEST CH. 7 & 8

Online Assessment Due Dates:

Noon on 6/26 – Initial Assessment – Are you ready for this course?

Noon on 6/26 – Algebra Review (preparedness for chapter 1-2 test)

Noon on 7/10 – Assessment for chapters 2-4

Noon on 7/19 – Assessment for chapters 5-6

Noon on 7/27 – Assessment for chapters 7-8

Each of the assessments listed above are worth 20 points, based on completion only (not mastery). It will be your decision whether to do the recommended remediation to master the topics.

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.*