



**Math 105**  
**College Algebra**  
**Course #25504 (4 units)**  
**Course Syllabus Summer 2009**

**Instructor:** Stephen Toner

**Web Page:** <http://www.stevetoner.com>

**email:** [toners@vvc.edu](mailto:toners@vvc.edu) (Include your name in subject line)

**VVC voicemail:** 245-4271 ext. 2770

**Class Hours:** MTWTh: 8:00 am – 10:40 am

**Room:** bldg. 21 (ATC), room 155

**Office:** bldg. 30, office U

**ALEKS Course Code:** LV9TW-9QUF6

---

Summer Calendar:	June 22	Classes Begin
	July 16	Last day to drop and receive a "W" grade
	July 30	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, 2<sup>nd</sup> edition*, John W. Coburn.

**Choice #1:** Purchase ALEKS directly from for \$63. Electronic access to text included.

**Choice #2:** Purchase ALEKS from VVC bookstore for \$86.95. Electronic access to text included.

**Choice #3:** Purchase looseleaf version of text at VVC bookstore. ALEKS access included in bundle.

**Go to "[www.aleks.com/sign\\_up](http://www.aleks.com/sign_up)"** and enter the Course Code: **LV9TW-9QUF6**. If you have an access code, enter it. Otherwise, click on "purchase an online access code" when prompted to do so. Scroll down to the bottom of the Mathematics section and choose "ALEKS Math (one semester) \$63" to purchase the online access. (Aleks access will become available on June 19<sup>th</sup>)

**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. You will be responsible for filling in the appropriate pieces of your Aleks pie by the chapter deadlines listed. At the end of the semester, you will receive homework credit for that portion of a 90% full Aleks pie which you complete. (For example, if you complete 90% of your Aleks pie, you will receive 100% in your homework portion of your grade. If you complete 45% of your Aleks pie, you will receive 50% in your homework portion of your grade.)

---

**Grading Policies:** Grades will be based on your Aleks homework (worth two chapter tests), and all chapter tests (the lowest chapter score – or half of your Aleks homework score will be dropped). You may use a non-graphing, non-programmable calculator on each exam. No notes or "cheat sheets" will be allowed on any exam. Any exam not taken will be regarded as a zero. You 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	6/22	Aleks, Intro, 1.1, 1.2		M	7/13	Review, 5.1
T	6/23	1.3, 1.4, 1.5		T	7/14	<b>Test Chapters 3-4</b> (Aleks 3-4 due)
W	6/24	1.6, 2.1, 2.2		W	7/15	5.2, 5.3
Th	6/25	2.3, 2.4, 2.5		Th	7/16	5.4, 6.1
M	6/29	2.6, 2.7, 2.8 (Aleks 1 due)		M	7/20	6.2, 6.3, 6.4 (Aleks 5 due)
T	6/30	Review		T	7/21	Review
W	7/1	<b>Test Chapters 1-2</b> (Aleks 2 due)		W	7/22	<b>Test Chapters 5-6</b> (Aleks 6 due)
Th	7/2	3.1, 3.2		Th	7/23	7.2, 7.3
M	7/6	3.3, 3.4, 3.5, 3.6		M	7/27	7.4, 8.1
T	7/7	3.7, 3.8		T	7/28	8.2, 8.3
W	7/8	4.1, 4.2, 4.3		W	7/29	8.4, 8.7
Th	7/9	4.4, 4.5		Th	7/30	<b>Test Chapters 7-8</b> (Aleks 7-8 due)

**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.

**Statement of Access:** Students with special needs are encouraged to meet with instructors to discuss the opportunity for academic accommodation and be referred to disabled student program and services per Administrative Procedure (AP 3440)