

# Math 90 – Intermediate Algebra

## Course #11112 (4 units)

Course Syllabus – Fall 2006

### Class Hours:

MW: 6:50 – 8:55 am

Room: LA-4 (bldg. 30)



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Instructor: **Stephen Toner**

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

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Office: Bldg 30 (Liberal Arts), office “U”

### Fall Calendar:

Aug. 28 Classes Begin

Sept. 4 Labor Day Holiday

Nov. 6 Last day to drop with a “W” grade

Nov. 23-24 Thanksgiving Holiday

Dec. 16 End of Fall semester

Office Hours: Mon & Wed: 11:15 - 11:45 am; Tues & Thurs: 9:25 - 11:05 am

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**Prerequisite:** Math 50 with a grade of "C" or better. **Be sure that you meet this requirement.**

**Textbook:** *Intermediate Algebra, 7th edition*, by Bittinger / Ellenbogen. This textbook can be purchased new bundled with MyMathLab (an online tutorial) at no extra charge. If you purchase a used textbook, MyMathLab can be purchased online at [www.mymathlab.com](http://www.mymathlab.com) for approximately \$30. MyMathLab is strongly recommended for supplemental use by my students. **MyMathLab Course ID: toner42014**

**Course Description:** This course is designed to serve as preparation for the study of college algebra, statistics, trigonometry and other college mathematics courses. Topics include a review of the real number system, an introduction to imaginary and complex numbers, the solution of first degree, quadratic and systems of equations, polynomials, rational expressions, exponents and radicals, graphs of functions (both linear and nonlinear) and of relations, and exponential and logarithmic functions.

**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 off any cell phones or pagers during class time (or switch them to silent mode).** No cell phones will be allowed on your desk during exams.

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**Homework Policy:** Practice is essential. Each student is expected to spend at least 2 hours doing homework for each hour this class meets. Homework will be checked on exam days while you are taking your exams. I expect you to practice *at least* every-other-odd exercise in your text (#1, 5, 9, 13, etc.) unless otherwise directed.

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**Grading Policies:** Grades will be based on all chapter tests, homework, and the final exam. No notes or “cheat sheets” will be allowed on any exam. A non-graphing calculator will be needed for the chapter 9 test; no calculators will be allowed on any other exam. Any exam not taken will be regarded as a zero. The lowest chapter exam score (including the HW, but not the final exam) will be deleted prior to computing the term grade. The final exam (which counts as **two** exams) is both required and comprehensive. 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.** If you plan to be absent on an exam day, schedule an advance test time with me.

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

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## 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.

		<b>Sections to be Covered In Class</b>				<b>Sections to be Covered In Class</b>
M	8/28	Intro, 1.1 - 1.3, 1.5		M	10/23	6.5-6.8
W	8/30	1.4, 1.6-1.7		W	10/25	Review
M	9/4	<b>No school–Labor Day Holiday</b>		M	10/30	<b>Test Chapters 5 &amp; Test Chapter 6</b>
W	9/6	2.1-2.4		W	11/1	7.1 – 7.4
M	9/11	2.5-2.6		M	11/6	7.5 – 7.6
W	9/13	Review, 3.1-3.2		W	11/8	7.7 – 7.8, 8.1
M	9/18	<b>Test Chapters 1 &amp; Test Chapter 2</b>		M	11/13	8.2 – 8.4
W	9/20	3.3		W	11/15	8.5 – 8.8
M	9/25	3.4-3.5, 3.7		M	11/20	Review
W	9/27	3.6, 4.1		W	11/22	<b>Test Chapters 7 &amp; Test Chapter 8</b>
M	10/2	4.2-4.4		M	11/27	9.1 – 9.4
W	10/4	Review		W	11/29	9.5 – 9.7
M	10/9	<b>Test Chapters 3 &amp; Test Chapter 4</b>		M	12/4	Review, 10.1a
W	10/11	5.1-5.3		W	12/6	Review, <b>Test Chapter 9-10.1a</b>
M	10/16	5.4-5.8		M	12/11	Review
W	10/18	6.1-6.4		W	12/13	<b>Comprehensive Final Exam</b>

**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.*