

# Math 10 – Basic Math Skills Course Syllabus (3 units) Fall 2007

Course #15781

## Class Hours:

MW: 8:00–9:25 am

Room: LA-10 (building 30)

MyMathLab ID: toner83114



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Instructor: **Stephen Toner**

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Office Hours: MW: 9:35 - 10:05 am

M,T,W,Th: 7:00 - 7:50 am

## Fall Calendar:

Aug. 27 Classes Begin

Sept. 3 Labor Day Holiday

Nov. 5 Last day to drop with a “W” grade

Nov. 12 Veteran’s Day Holiday

Dec. 12 End of Fall semester

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**Required Textbook:** *Basic Mathematics, 10/e*, by Bittinger. 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 \$50. MyMathLab is strongly recommended for supplemental use by my students.

**Course Description:** This course covers the basic operations applied to whole numbers, fractions (including mixed numbers) and decimals. Prime factorization, least common multiple, ratio and proportion, similar triangles, averages; graphs and tables, square roots, the Pythagorean Theorem, measurement, operations on signed-numbers and solutions of simple linear equations are also covered.

**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.*

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**You are required to attend class every day.** After 3 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 or electronic devices 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. You will be provided a list of homework exercises for which you are responsible.

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**Grading Policies:** Grades will be based on chapter tests, homework, and a cumulative final exam (which counts as two tests). All the chapter homework scores will collectively count as one test after the lowest chapter score is dropped.) The lowest chapter test score (or collective homework score, if that is your choice) will be dropped before computing the term grade. No calculators, 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

The following is an **approximate** guide for the pacing of the class. Test dates will remain fixed.

		Sections to be Covered In Class			Sections to be Covered In Class	
M	8/27	1.1-1.6		M	10/22	6.1-6.4
W	8/29	1.7-1.9		W	10/24	6.5-6.6
M	9/3	<b><u>Labor Day Holiday</u></b>		M	10/29	review
W	9/5	<b>Test Chapter 1</b>		W	10/31	<b>Test Chapter 6</b>
M	9/10	2.1-2.4		M	11/5	7.1-7.4
W	9/12	2.5-2.7		W	11/7	8.1-8.5
M	9/17	<b>Test Chapter 2</b>		M	11/12	<b><u>Veterans' Day Holiday</u></b>
W	9/19	3.1-3.4		W	11/14	8.7-8.7, 9.1-9.2
M	9/24	3.5-3.7		M	11/19	9.3-9.6
W	9/26	<b>Test Chapter 3</b>		W	11/21	<b>Test Chapters 7, 8, 9</b>
M	10/1	4.1-4.4		M	11/26	10.1-10.5
W	10/3	4.5-4.7		W	11/28	11.1-11.3
M	10/8	<b>Test Chapter 4</b>		M	12/3	review
W	10/10	5.1-5.3		W	12/5	<b>Test Chapter 10, 11a</b>
M	10/15	5.4-5.5		M	12/10	review
W	10/17	<b>Test Chapter 5</b>		W	12/12	<b>FINAL EXAM</b>

The first column lists all of the problems in the book that you are responsible for knowing how to do. Please look them over. Problems not listed will NOT be covered on exams. The second column lists the minimum set of problems that I require that you turn in from each section as homework so that I know that you are at least getting into the book a little bit.

Responsible for being able to do...		Actually turn in....
<b>Chapter 1</b>		
1.1	1-42 all	3, 13, 23, 33, 43
1.2	1-30 all	3, 13, 23, 33, 43
1.3	1-38 all	21, 31, 41, 61, 71
1.4	1-24, 51-66 (skip estimating)	1, 11, 21, 51, 61
1.5	1-44, 47-50	19, 47
1.6	1-74 (Don't overkill long division)	23, 39, 59
1.7	1-56 all	7, 14, 21, 28, 35
1.8	1-58 word	3, 13, 19, 41, 49
1.9	1-68 all (order of operations - important!)	11, 25, 33, 39, 55
<b>Chapter 2</b>		
2.1	1-76 all	5, 7, 45, 51-65 odd
2.2	1-21 all	1, 2, 5, 8
2.3	1-64 all	19, 25, 29, 43, 55
2.4	1-44 all	11, 21, 31, 41
2.5	1-56 all	7, 17, 27, 37, 47
2.6	1-44, 47-58	3, 13, 23, 43, 47, 51
2.7	1-50 all	9, 19, 29, 39, 49
<b>Chapter 3</b>		
3.1	1-52 all	3, 13, 23, 33, 43
3.2	1-46 all	7, 17, 27, 37
3.3	1-64 all	5, 15, 25, 35, 45, 51-61 odd
3.4	3-58 all	3, 13, 23, 33, 43, 53
3.5	1-62 all	5, 15, 25, 35, 47
3.6	1-38, 41-50	7, 17, 27, 37
3.7	1-74 All	7, 17, 21
<b>Chapter 4</b>		
4.1	1-90 all	13, 23, 33, 43, 55, 65
4.2	1-56 all	9, 19, 29, 39, 61
4.3	1-60 all	7, 17, 27, 37, 53
4.4	1-70 (order of operations - important!)	15, 43, 63, 69
4.5	1-66 only; do not do 67-86	9, 19, 29, 55
4.6	skip this section	
4.7	1-44 only	7, 9, 27, 29
<b>Chapter 5</b>		
5.1	23-40 (skip 1-22 - I want you to simplify)	3, 13, 23, 29, 39
5.2	1-32 all	9, 19, 25
5.3	1-8, 11-48	13, 19, 23, 29, 33, 39, 43
5.4	1-36 all	7, 9, 19, 23
5.5	1-28 all	5, 11, 19, 23

The first column lists all of the problems in the book that you are responsible for knowing how to do. Please look them over. Problems not listed will NOT be covered on exams. The second column lists the minimum set of problems that I require that you turn in from each section as homework so that I know that you are at least getting into the book a little bit.

Responsible for being able to do...		Actually turn in....
<b>Chapter 6</b>		
6.1	1-60 all	7, 17, 27, 37, 47, 57
6.2	1-74 all	11, 21, 31, 43, 47
6.3	1-34 all	7, 17, 27
6.4	1-34 all	11, 21, 31
6.5	1-34 only (your #'s will be cleaner)	5, 13, 17, 23, 27
6.6	1-30, 39-42	7, 11, 23, 27
6.7, 6.8	skip	
<b>Chapter 7</b>		
7.1	1-22 all	3, 13, 15
7.2	1-40 all	1-7 odd, 35-39 odd
7.3	1-48 (harder than you think!)	15, 27-30 all
7.4	1-16 all	1, 3, 5, 13
<b>Chapter 8</b>		
8.1	1-36 all	9, 19, 29
8.2	1-38 all	15, 25, 35
8.3	1-22 (formulas given; lightly tested)	5
8.4	1-54 all	5, 7, 23, 39, 45, 47
8.5	1-22, 37-54	5, 9, 13, 17, 39, 51
8.6	1-52 all	7, 13, 19, 23, 43
8.7	1-32 all	7, 15, 23, 29
<b>Chapter 9</b>		
9.1	1-20 all	3, 7, 11, 19
9.2	1-50 all	1, 5, 9, 33, 43
9.3	1-30 all	1, 5, 19
9.4	1-24 (skip word problems here)	1, 5, 9
9.5	1-50 all	23, 31, 37, 45
9.6	1-54 all	7, 17, 29, 33
<b>Chapter 10</b>		
10.1	1-56 all	27, 33, 49, 53
10.2	1-70 all	1-29 odd, 53
10.3	1-84 all	5, 15, 25, 35, 45, 55, 65, 75
10.4	1-60 all	7, 17, 27, 37, 47, 57
10.5	1-46, 51-88	3, 7, 13, 17, 23, 27, 33, 37, 53, 57, 73, 77
<b>Chapter 11</b>		
11.1	1-70 all	7, 13, 21, 25, 39, 53, 57
11.2	1-40 all	11, 21, 31
11.3	1-40 all	9, 19, 29, 39