

Math 10 – Basic Math Skills Course Syllabus (3 units) Fall 2005

Course #1691

Class Hours:

TTh: 9:40–11:05 am

Room: LA-10

MyMathLab ID: toner63506



Victor Valley
COMMUNITY COLLEGE

Instructor: Stephen Toner

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Office Hours: Wed: 8:05 - 8:50 am

M,T,W,Th: 11:15 - 11:45 am

Tues: 2:05 - 3:30 pm

Fall Calendar:

Aug. 29	Classes Begin
Sept. 5	Labor Day Holiday
Nov. 7	Last day to drop with a “W” grade
Nov. 11	Veteran’s Day Holiday
Nov. 24	Thanksgiving Holiday
Dec. 15	End of Fall semester

Required Textbook: *Basic Mathematics, 9/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 for approximately \$30. 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.*

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 will be allowed on your desk during exams.

Homework Policy: Practice is essential. Problems will be assigned each day and collected the next. No late homework will be accepted after the first week of class. The lowest two homework scores will be dropped. All of the homework scores, together, will count as one test score.

Grading Policies: Grades will be based on all chapter tests, homework, and the final exam. No calculators, notes, or “cheat sheets” will be allowed on any exam. Any exam not taken will be regarded as a zero. The lowest chapter exam score (or the homework “exam” score, 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 and **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	
T	8/30	1.1-1.6		T	10/25	6.5-6.6
Th	9/1	1.7-1.9		Th	10/27	review
T	9/6	Test Chapter 1		T	11/1	Test Chapter 6
Th	9/8	2.1-2.4		Th	11/3	7.1-7.4
T	9/13	2.5-2.7		T	11/8	8.1-8.5
Th	9/15	Test Chapter 2		Th	11/10	Veterans Day Holiday
T	9/20	3.1- 3.4		T	11/15	8.7-8.7, 9.1-9.2
Th	9/22	3.5-3.7		Th	11/17	9.3-9.6
T	9/27	Test Chapter 3		T	11/22	Test Chapters 7, 8, 9
Th	9/29	4.1-4.4		Th	11/24	No School – Thanksgiving
T	10/4	4.5-4.7		T	11/29	10.1-10.5
Th	10/6	Test Chapter 4		Th	12/1	11.1-11.3
T	10/11	5.1-5.3		T	12/6	review
Th	10/13	5.4-5.5		Th	12/8	Test Chapter 10
T	10/18	Test Chapter 5		T	12/13	review
Th	10/20	6.1-6.4		Th	12/15	FINAL EXAM

If there is an electricity emergency, snow day, or some other closure of the VVC campus on a test day, assume that the test will be given at the following class meeting. If the campus is closed on the day *before* an exam, the exam date will remain (but certain problems will be omitted from the exam, as appropriate). In other words, I don't like to change exam dates since many of you rearrange your work schedules in order to study.

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....
Chapter 1		
1.1	1-44 all	3, 13, 23, 33, 43
1.2	1-46 all	3, 13, 23, 33, 43
1.3	1-76 all	21, 31, 41, 61, 71
1.4	1-24, 51-62 (skip estimating)	1, 11, 21, 51, 61
1.5	1-44, 47-50	19, 47
1.6	1-64 (Don't overkill long division)	23, 39, 59
1.7	1-56 all	7, 14, 21, 28, 35
1.8	1-50 word	3, 13, 19, 41, 49
1.9	1-66 all (order of operations - important!)	11, 25, 33, 39, 55
Chapter 2		
2.1	1-70 all	5, 7, 45, 51-65 odd
2.2	1-16 all	1, 2, 5, 8
2.3	1-58 all (comment on #23)	19, 25, 29, 43, 55
2.4	1-44 all (comment on #38)	11, 21, 31, 41
2.5	1-52 all	7, 17, 27, 37, 47
2.6	1-44, 27-56	3, 13, 23, 43, 47, 51
2.7	1-50 (comment on #50)	9, 19, 29, 39, 49
Chapter 3		
3.1	1-44 all	3, 13, 23, 33, 43
3.2	1-44 all	7, 17, 27, 37
3.3	1-64 (comment on #64)	5, 15, 25, 35, 45, 51-61 odd
3.4	3-56 all	3, 13, 23, 33, 43, 53
3.5	1-58 all (comment on #23)	5, 15, 25, 35, 47
3.6	1-30, 35-46	7, 17, 27, 37
3.7	1-74 All	7, 17, 21
Chapter 4		
4.1	1-90 all	13, 23, 33, 43, 55, 65
4.2	1-70 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	1-60 only; do not do 61-86	9, 19, 29, 55
4.6	skip this section	
4.7	1-44 only	7, 9, 27, 29
Chapter 5		
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, 11-44	13, 19, 23, 29, 33, 39, 43
5.4	1-28 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....
Chapter 6		
6.1	1-60 all	7, 17, 27, 37, 47, 57
6.2	1--72 all	11, 21, 31, 43, 47
6.3	1-34 all	7, 17, 27
6.4	1-34 all	11, 21, 31
6.5	1-36 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	
Chapter 7		
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
Chapter 8		
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	1-50 all	7, 13, 19, 23, 43
8.7	1-32 all	7, 15, 23, 29
Chapter 9		
9.1	1-20 all	3, 7, 11, 19
9.2	1-48 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	1-48 all	23, 31, 37, 45
9.6	1-54 all	7, 17, 29, 33
Chapter 10		
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
Chapter 11		
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