

MATH 090 College Math

Summer, 2006

Mon./Wed. 1-3

email: rosetoering@hotmail.com**Instructor: Rose Toering****Home Phone: 605-274-1961****Work Phone: 605-221-3210****Office: Room 208****B.A. in math (SDSU), & B.S. in accounting (Colorado Tech)****TEXTBOOK:** *Basic College Mathematics: An Applied Approach, 8th Ed., by Aufmann, Barker, and Lockwood***Description:** A course review of fractions, decimals, integers, percentages, ratios, and proportions with a focus on an introduction to elementary algebra.**Objectives:** After successful completion of this course, students will be able to

- Simplify numbers using exponential notation
- Use the Order of Operations
- Find prime numbers and factor numbers
- Find the GCF and LCM
- Add, subtract, multiply, and divide fractional and mixed numbers
- Add, subtract, multiply, divide, and round decimals and convert to fractions
- Solve ratios and proportions
- Find percent, percentage, percent increases and decreases
- Add, subtract, multiply, and divide positive and negative integers
- Solve for unknown quantities using algebraic expressions

Requirements:

1. Participate in all classes
2. Complete assignments for each chapter—homework is assigned one day; it is due at the next class. Homework turned in late is docked 1 point. All homework must be turned in before you take a test.
3. Complete chapter tests satisfactorily
4. Respect all persons in this classroom

Grading:

90-100%, A

80-89%, B

70-79%, C

60-69%, D

<60%, F

	How Many?	Points	Total
Regular Tests	7	100	700 points
Final Exam	1	200	200 points
Homework	50	5 points each	250 points
Participation (wksht)	18	5 points each	90 points
			1240 points TOTAL

Bonus: Do chapter tests. Each bonus is worth 4 points; you may use these points for attendance, homework, or tests. These assignments must be turned in **before** you take the chapter test. These points are optional. To re-take a test, do the evens on the Chapter Review; then tell me when you want to test.

Extra help: Go to Study Groups; call me anytime until 10:30 at night, 7 days a week. Use the SSC.

*****You may retake tests or make up tests IF you have been coming to class and if you do the chapter review (evens). Contact me to set up a time.**

R means do 1, 5, 9, 13, 17, 21, 25, 29, 33, 37, 41, 45, 49, 53, 57, 61, 65, 69, 73, 77, 81, 85, 89, 93, 97, 101, 105, 109, 113, 117, 121, 125, 129, 133, 137, 141, 145, 149, 153... Answers are in the back of the book; use them. *Please put each section on a separate page; you may use the back of the page. Put the page number & section. You must show work whenever possible to get credit on tests and homework.*

Day	Date	Section	Assignment	Participa.	Hmwk	Test
1			Intro			
		1.6	p. 48, 1-75, Odd			
		1.7	p. 52, 1-81 R			
2		R1	p. 59, 1-32, all			
		W1	Worksheet #1, all			
		2.1	p. 67, 1-67 R			
3		2.2	p. 71, 1-73 R			Test #1
		2.3	p. 75, 1-77 R			
		2.4	p. 81, 1-93 R			
4		2.5	p. 89, 1-75 R			
		2.6	p. 97, 1-97 R			
		2.7	p. 105, 1-85 R			
5		2.8	p. 112, 1-47 Odd			
		R2	p. 119, 1-36, all			
		3.1	p. 131, 1-53 Odd			
6		3.2	p. 135, 1-30 Odd			Test #2
		3.3	p. 139, 1-39 Odd			
		3.4	p. 145, 1-101 R			
7		3.5	p. 155, 1-81 R			
		3.6	p. 162, 1-69 R			
		R3	p. 167, 1-25, all			
8		4.1	p. 177, 1-33 Odd			Test #3
		4.2	p. 181, 1-33 Odd			
		4.3	p. 187, 1-71 R			
9		R4	p. 195, 1-30 all			
		5.1	p. 205, 1-73 R			
		5.2	p. 209, 1-35 Odd			Test #4
10		5.3	p. 213, 1-33 Odd			
		5.4	p. 217, 1-33 Odd			
		5.5	p. 221, 1-29, Odd			
11		R5	p. 227, 1-25 all			
		10.1	p. 407, 1-105 R			
		10.2	p. 415, 1-83 R			Test #5
12		10.3	p. 423, 1-113 R			
		10.4	p. 433, 1-87 R			
		10.5	p. 441, 1-91 R			
13		R10	p. 449, 1-35 all			
		11.1	p. 463, 1-129 R			
		11.2	p. 473, 1-99 R			Test #10
14		11.3	p. 480, 1-95 R			
		11.4	p. 487, 1-105 R			
		11.5	p. 493, 1-45 Odd			
15		11.6	p. 499, 1-45 Odd			
		R11	p. 507, 1-28 all			
16		CR1/2/3	p. 123, 171, 199			Test #11
17		CR4/5/6	p. 231, 493, 511			
18						Final

Your Name: _____

Date: _____

Please turn in for 5 points of in-class work.

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Answer the following questions. Some of the answers can be found on your syllabus; some you will discuss in class.

1. Teacher's name: _____
2. Your teacher's office: _____
3. Can you use a calculator? _____
4. Do you know where teacher and student folders are? _____ If not, ask during break.
5. Can participation points be made up? _____
6. How do you get participation points every day?

7. Each section in the homework assignments is worth how many points? _____
8. Each section is to be done on a separate page of notebook paper. (True or False)
9. What will happen if you turn in homework late?
10. When must you turn in homework if it is not to be counted late?
11. When will the teacher NOT accept homework for a given chapter?
12. What can you do to get bonus points?
13. What happens if the only thing you show on homework is the answer from the back of the book?
14. You can only re-take tests or schedule them at another time if what?

15. What is your major? _____
16. Do you plan on transferring to a 4-year university? _____
17. Do you have to take another math class? _____
18. Do you like math? _____ Why or why not?

The Faculty Senate has formed a committee that has developed an Academic Integrity Policy to deal with the issues of cheating and plagiarism. For this class you are required to read the policy on the Kilian website: www.kilian.edu. (Go to current Students, Policies and Procedures, and Academic Integrity Policy); then sign the statement below and turn in for 4 points of homework. Remember that this policy includes copying homework, giving homework to someone to copy, or giving test information to another student.

I also understand and have read the syllabus and understand the requirements of this class.

Signature: _____

Date: _____