

MAT-52-37414 Syllabus Fall 2008

T/Th 12:50 - 1:51 PM Room W-5

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Office Hours: MTWTh 10:30 - 11:30 AM and by appointment

Required Text: Elementary Algebra, Version 2.03, by Robert H. Prior

Hybrid Class: This class meets twice each week in the classroom. The rest of the time (about 6 hours per week) is spent reading the textbook, doing the exercises, doing on-line exercises, and taking on-line quizzes. Our time in class is spent clarifying what you read in the text, and going over questions and homework problems.

This class requires the student to be somewhat self-motivated to accomplish the weekly tasks in the proper amount of time.

Learning Outcomes: Upon successful completion of the course, students should be able to:

- Perform arithmetic operations on real numbers and polynomial, rational, and radical expressions.
- Evaluate algebraic expressions.
- Solve equations involving linear, quadratic, rational, and radical expressions.
- Graph linear equations and inequalities given the equation and find the equation given the graph.
- Factor polynomials.
- Apply algebraic principles and techniques to the solution of applications.
- Use the symbols and vocabulary of algebra to clearly communicate mathematical concepts.

Topics of Study: Real number operations; linear equations and inequalities in one variable with applications; exponents and polynomials; factorization of polynomials; graphs of linear equations and applications; radical expressions; systems of equations and applications; and rational expressions and equations.

Homework: Homework will be assigned on a regular basis. Each day the homework is “**All Focus Exercises**” of the sections covered that day. It is expected that each homework assignment will be completed before the next class session.

Homework will be collected on the day of an exam and will be given a maximum of 10 points.
Homework assignments must be placed inside of a portfolio folder (with pockets) with student's name at the upper-right outside corner.

To receive the most credit, you must show complete work on each exercise. Homework may be given a lower score if it is not neat, if work is not shown, or if it is out of page order.

Homework assignments can be downloaded from bobprior.com.

Calculators: We do not use calculators in this class.

Quizzes: Most of the quizzes in this class will be taken on-line, but some quizzes may also be given in class.

		<u>Test</u>	<u>Dates</u>	<u>Chapters covered</u>
Tests:	There will be five tests and a final exam.			
	Each test covers one to three chapters and is to be taken in the Math Lab. The final exam is comprehensive; it covers material from the whole course.	1	Sept. 24-28	Ch. 1, 2, & 3
		2	Oct. 22-26	Ch. 4 & 5
		3	Nov. 7-12	Ch. 6
		4	Nov. 21-26	Ch. 7 & 10
		5	Dec. 10-14	Ch. 8

Final Exam: The final exam is scheduled for Thursday, December 18, 11:00 - 1:30 AM in our regular classroom, W5. All students are required to take the final exam.

Grading:	The following grading scale is used to assign grades. Students are encouraged to keep track of their ongoing course percentage.	90.0% - 100%	A
		80.0% - 89.9%	B
		70.0% - 79.9%	C
		60.0% - 69.9%	D
		0.0% - 59.9%	F

Attendance: Attendance is required. I reserve the right to drop any student who misses four or more class sessions. Please be on time! If possible, be early!

Dropping the class: I will likely drop you from the class if you miss two tests. However, don't depend on me to drop you. If you plan to drop the course, you should do so on your own through WebAdvisor, TigerTalk, or by filling out a drop card. Be aware of the two drop deadlines, shown below. Also, please e-mail me if this is your intention.

Student Services:

DSPS: If you have a physical, psychiatric/emotional, medical, or learning disability that may impact your ability to carry out assigned course work, I urge you to contact the staff in Disabled Student Services Office, located at the Norco Campus in room 123 of the Student Services Building, (951) 372-7070 (Voice and TDD). All information and documentation is confidential.

Math Lab: The Norco Campus Math Lab is located in ST 101 and is open every day by 9:00 AM. Stop by the Math Lab for the schedule of daily hours.

Sign up for Math 96 to gain 27 hours access to the Math Lab; sign up for Math 97 to gain 54 hours access to the Math Lab. The Math Lab is a great place to do your math homework and get free, on the spot tutorial help.

Tutorial Services: Free one-on-one tutorial help is also available by scheduling an appointment through Norco's Tutorial Services, (951) 372-7143. you may schedule an appointment in person in the upper floor of the Student Services Building. Ask for Tamara Caponetto.

Important dates:	Last day to Add:	Friday, September 19
	Last day to drop without a "W:"	Friday, October 3
	Last day to drop with a "W:"	Wednesday, November 21
	Thanksgiving Day:	Thursday, November 27
	Final Exam:	Thursday, December 18