SYLLABUS

Math 137 (Intermediate Algebra) #30182
Thursday 6:00-8:45
Fall 2008
Instructor: Cheryl Hanselman
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COURSE DESCRIPTION
    This course continues the development of algebraic skills and concepts. The topics include: linear equations, functions, applications of systems of equations, inequalities, rational expressions and equations, operations on radicals and rational exponents, quadratic equations, exponential and logarithmic functions, and basic right triangle trigonometry. A graphing calculator is required.

PREREQUISITES
    Acceptable placement score or MATH 095 or its equivalent.

TRANSFERABILITY
    This course does not transfer to some colleges. Check with your future college for verification.

TEXTBOOK
    Intermediate Algebra - A Graphing Approach, 4th Ed. by Martin-Gay

OTHER MATERIALS NEEDED
 Graphing Calculator (TI-83 will be used by the instructor) and graph paper

ATTENDANCE
    The student is expected to attend all classes. It is the experience of the instructor that there is a direct correlation between class attendance and a student's final grade.

ASSIGNMENTS
    Suggested problems will be given for each chapter. The student is expected to complete the problems assigned. Homework will not be collected and will not be graded. However, it is important to note that students who do well in this class complete homework weekly. There will be time for homework questions before and after class.

EVALUATION/GRADING
        There will be four in-class exams which will be averaged for your final grade. You may use a calculator and you may also use one page of notes. You

may put any kind of notes you want on this page that you feel will help you remember the concepts covered. You will be required to show steps for full credit. Students are expected to take the exams at the scheduled time. If you miss one of the four in-class exams <u>for any</u> <u>reason(valid or not valid)</u>, it must be made up <u>prior to the next class</u>. You will need to make arrangements to come to the next class at 5:00 to take the test. <u>Failure to do so will result in a zero for that test</u>.

If you require special test-taking accommodations you must notify me at the beginning of the semester so we can make the necessary arrangements.

There will be opportunity to take an in class cumulative final exam the last night of class for any student who wants to try to improve their grade by replacing a low test grade with the grade from the final.
Final grades are figured as follows:

A 94-100%	B 80-82%	D+ 67-69%
A- 90-93%	C+ 77-79%	D 63-66%
B+ 87-89%	C 73-76%	NC Below 63
B 83-86%	C- 70-72%	

<u>College Withdrawal Policy</u>
Students may withdraw, in writing at the Registrar's Office, for any reason until the 10th week of classes. From the 11th week through the end of the 13th week, a student may withdraw with the instructor's written approval.

<u>Disabilities/ Learning Differences Statement</u>
If you are a student with a disability and believe you will need accommodations for this class, it is your responsibility to contact the Counseling and Advising Center at 383-5217. To avoid any delay in the receipt of accommodations, you should contact the counselor as soon as possible. Please note that I cannot provide accommodations based upon disability until I have received an accommodation letter from the Disabilities Counselor. Your cooperation is appreciated.

<u>Academic Integrity at Three Rivers</u>
Academic Integrity is essential to a useful education. Failure to act with academic integrity severely limits a person's ability to succeed in the classroom and beyond. Furthermore, academic dishonesty erodes the integrity of every degree awarded by the College. In this class and in this course of your academic career, present only your own best work and act at all times with honor and integrity.

Tentative Course Schedule

9/4   Course preliminaries and review (1.5, 1.6, 1.8))
        Right Triangle Trigonometry

        9/11   Right Triangle Trigonometry (cont.)
                    Graphs and Functions (2.1-2.5)
                    (Short Intro to Graphing Calculator)
        9/18   More Graphs and Functions
                    Equations and Inequalities (3.1 - 3.3)

        9/25   Systems of Equations (4.1 - 4.3)

        10/2   Start Exponents, Polynomials, Polynomial Functions
                            (5.1 - 5.8)
                    TEST (Chapters 1-3 and right triangle trigonometry)

        10/9   Exponents, Polynomials, Polynomial Functions (cont.)

        10/16   Rational Expressions (6.1 - 6.3, 6.5, 6.6)

        10/23   More Rational Expressions (Ch. 6)
                    TEST (Chapters 4-5)

        10/30   Rational Exponents and Radicals (7.1-7.6)

        11/6   Quadratic Equations and Functions
                            (8.1 - 8.3, 8.5, 8.6)

        11/13   Quadratic Equations and Functions (cont.)
                    TEST (Chapters 6-7)

        11/20   Exponential and Logarithmic Functions (9.3 - 9.7)

        12/4   Exponential and Logarithmic Functions (cont.)

        12/11   TEST (Chapters 8-9)

        12/18   **Optional Final Exam** (To replace a test grade)