Math 50 Syllabus

Fall 2012

CLASS INFO	PROFESSOR INFO	
Pre-Algebra	Name:	David Beydler
MW 4:45-6:10pm	Office Hours:	MW 1:45-2:45pm, TTh 2:30-4:00pm
Section 22 (CRN 20467)	Office:	61-1626 (Building 61, Room 1626)
Classroom: 61-3306	Phone:	909-274-4669
http://davidsmath.com/math50-22/	E-mail:	dbeydler@mtsac.edu

GRADING INFO

Homework:	10%
Quizzes:	15%
Test #1:	15%
Test #2:	15%
Test #3:	15%
Final Exam:	30%

You'll get an A, B, C, D, or F based on these overall percentages:

90-100%: A
80-89%: B
70-79%: C
60-69%: D
0-59%: F

Homework: Almost every class session, homework will be assigned and due at the beginning of the following class session. You must show work to get credit. Label each assignment with the section number (ex: 2.5, 8.2, etc.). You can turn in up to 3 homework sections one session late. Also, your lowest 4 homework sections will be dropped.

Quizzes: Almost every class session (usually at the end of class), there will be short quizzes based on the sections covered that day. Quizzes will consist of problems covered in class. No make-up quizzes will be given. Your lowest 4 quiz sections will be dropped.

Tests: We'll have 3 tests on Sept 26 (Wed), Oct 24 (Wed), and Nov 28 (Wed). No make-up tests will be given. I'll replace your lowest test percentage with your final exam percentage (if your final exam percentage is higher).

Final Exam: The final exam will be cumulative and will be on Monday, December 10, 4:30pm-7:00pm. No make-up final will be allowed.

Extra Credit:

1. MARC: If you spend one hour in the MARC (Math Activities Resource Center) during the first 3 weeks of class, you'll get an extra 2% towards your first test. The idea is to help you discover this excellent resource!
2. Tutoring: For every 2 hours that you spend at the MARC or other tutoring center, you'll get an extra 0.5% towards the next upcoming test (including the final exam), with a maximum limit of 2% extra credit per test.
3. Review Problems: Before each test and the final exam, I'll give you a set of review problems to work on. They'll be due at each test, and depending on completeness and neatness can be worth up to 2% extra credit towards that test (including the final exam).

GENERAL POLICIES

Calculators: You'll need a *scientific* calculator for certain parts of the homework, quizzes, tests, and final exam. You will *not* be allowed to use cell phones, graphing calculators, computers, etc. If you're not sure, check with me ahead of time whether your calculator is acceptable or not. You will not be allowed to share a calculator during quizzes, tests, and the final exam.

Also, no books or notes will be allowed during the quizzes, tests, and final exam.

Classroom: My goal is to keep the classroom environment focused on learning math (after all, that's what you signed up for!). So, the basic rules are: don't disrupt others during class, and respect your fellow classmates and teacher (me!). Please eat before or after class. Turn cell phones off/silent.

I'll put extra copies of the previous session's handouts in a blue folder near the back/side of the room. If you need any handouts older than the previous session, please stop by my office during office hours, or follow me to my office after class.

I will post handouts and test solutions on the class website (see Class Info).

MISCELLANEOUS

Textbook: *Prealgebra* (4th edition), by Tom Carson

Prerequisites: LERN 49 or qualifying score on current department placement test.

Description: Fundamental principles of mathematics designed to ease the transition from arithmetic to algebra. Concepts, computational skills, thinking skills and problem-solving skills are balanced to build proficiency and mastery.

Objectives:

1. Demonstrate mastery of relevant vocabulary and notation.
2. Use the order of operations to simplify any arithmetic problem involving whole numbers, integers and rational numbers in both fraction and decimal form.
3. Simplify algebraic expressions with any rational number coefficient (includes the ability to evaluate algebraic expressions and formulas involving any rational number.)
4. Determine factors and divisibility of any integer, identify prime numbers and determine the least common multiple of any combination of whole numbers.
5. Solve any linear equation with rational coefficients and apply this ability in solving word problems.
6. Evaluate ratios and percents, convert between percent and rational numbers and solve equations and applications involving proportions and percents.
7. Find perimeter and area of geometric figures.
8. Simplify and approximate square roots and use them in application of the Pythagorean Theorem.
9. Plot points and graph equations in two variables.

Student Learning Outcomes: The department Student Learning Outcomes (SLOs) can be found at http://math.mtsac.edu/slo.html

Accommodations: Students with disabilities should be sure to contact the DSP&S Office. Also, please feel free to stop by my office so we can discuss your particular learning needs.

Academic honesty: Don't cheat. Seriously. I will follow the policy as outlined in the school catalog (see http://www.mtsac.edu/catalog/), and will report any violations of academic honesty to the Office of Student Life. Also, you'll receive a zero score on the assignment/exam.

TUTORIAL SERVICES

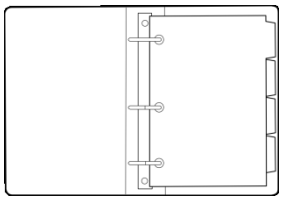
Free tutorial services are available in the MARC (Building 61, first floor). For details, check out: http://marc.mtsac.edu/

Free tutorial services are also available at the LAC (Learning Assistance Center) in the library (Building 6). For details, see: http://www.mtsac.edu/instruction/learning/lac/services.html#tutorial

STUFF TO GET

1. Textbook (by the end of the first week)
2. Scientific calculator (by the end of the second week)
3. 3-ring binder (*1.5-inches* is best if you keep everything in it—trust me)
4. Pencils and erasers





Note: Any of the information in this syllabus could change anytime. I'll try to e-mail important announcements and post them on the website, but ultimately you are responsible for announcements made in class. So, I'd recommend getting the phone number and/or e-mail address of a classmate or two.

CLASSMATE CONTACT INFO

Name: _____ Name: _____

Phone: _____ Phone: _____

E-mail: _____ E-mail: _____