

## Syllabus for: Math 376 Pre-Algebra

<b>Semester &amp; Year:</b>	SPRING 2013
<b>Course ID and Section Number:</b>	MATH-376-E2677
<b>Number of Credits/Units:</b>	4
<b>Day/Time:</b> <b>Location:</b>	Tuesday, Thursday 01:15PM - 02:30PM, Physical Science, Room 120 01/12/2013-05/10/2013 Lecture and/or Discussion Friday 01:15PM - 02:30PM, Physical Science, Room 115
<b>Instructor's Name:</b>	Jackson
<b>Contact Information:</b>	Office location and hours: PS119B TBA Phone: 476-4219 Email:steve-jackson@redwoods.edu

### **Course Description (catalog description as described in course outline):**

A comprehensive review of arithmetic involving whole numbers, fractions, decimals, and signed numbers. Students will solve problems involving ratios, proportions, percents and geometry. Basic algebra concepts and techniques such as variables, simplifying expressions, solving equations will also be introduced. Problem solving, estimation and the communication of mathematical ideas are an integral part of the course. Use of a scientific calculator will be introduced.

### **Student Learning Outcomes (as described in course outline) :**

1. Evaluate and simplify numerical and algebraic expressions involving integers and rational numbers.
2. Solve linear equations.
3. Write linear equations for word problems and solve.
4. Use sound mathematical writing and appropriate use of symbolism in presenting solutions of mathematical exercises and applications.

**Special accommodations:** College of the Redwoods complies with the Americans with Disabilities Act in making reasonable accommodations for qualified students with disabilities. Please present your written accommodation request at least one week before the first test so that necessary arrangements can be made. No last-minute arrangements or post-test adjustments will be made. If you have a disability or believe you might benefit from disability related services and may need accommodations, please see me or contact Disabled Students Programs and Services. Students may make requests for alternative media by contacting DSPS.

**Academic Misconduct:** Cheating, plagiarism, collusion, abuse of resource materials, computer misuse, fabrication or falsification, multiple submissions, complicity in academic misconduct, and/ or bearing false witness will not be tolerated. Violations will be dealt with according to the procedures and sanctions proscribed by the College of the Redwoods. Students caught plagiarizing or cheating on exams will receive an “F” in the course.

The student code of conduct is available on the College of the Redwoods website at:  
<http://www.redwoods.edu/District/Board/New/Chapter5/Ap5500.pdf>

College of the Redwoods is committed to equal opportunity in employment, admission to the college, and in the conduct of all of its programs and activities.

**Prerequisites:** Math 372 or Appropriate Score on Math Placement Exam.

**Describe representative skills without which the student would be highly unlikely to succeed:**  
Students will need to be proficient in basic arithmetic facts involving whole numbers.

**Textbook:** Author: College of the Redwoods Department of Mathematics; Title: Prealgebra Textbook, First Edition; Date 2010. The available modes will be discussed during class.

**Calculator:** A scientific calculator is required for this course. We will discuss the types of calculators that are appropriate for this course class.

**Homework:** Homework will be assigned every class meeting, and is due at the beginning of the next class meeting.

**Late homework will *not* be accepted!** If you can't get the assignment in on time make sure you know the material because you will still be held responsible for the information.

**Quizzes:** Quizzes will be given on material covered in class and in the homework. - Make up quizzes will not be given! We may be using the OPTIMATH testing system for some of the homework and quizzes.

**Exams:** We will have several exams plus one final exam this semester. Let me know in advance if you are going to miss an exam. Make-ups will only be given at *my* discretion. Do ***not*** miss an exam! The cumulative final exam is scheduled during finals week May 6 - May 10. Do NOT plan on leaving town until after your last final exam.

**Attendance:**

The Mathematics Department Policy Regarding "Faculty Withdrawal" of Students after Census Day: A student who is absent from class for the amount of time equal to two weeks of classes, will be withdrawn from the course, unless there are extenuating circumstances that are communicated to the instructor in a timely manner. This "faculty withdrawal" can occur between Week 4 and Week 10 of the semester.

<b>Grading Weights:</b>	Homework/Quizzes/Activities	20%
	Midterm Exams	65%
	Final Exam	15%

**Grades will be assigned as follows:**

90-100%	A
80-89%	B
70-79%	C
60-69%	D
Below 60%	F

**Suggestions for success:** In addition to meeting the prerequisites for Math 376, students should do the following to maximize their chances for passing this class with a C or better.

- Spend at least 8 hours a week preparing for this class.
- Study with a classmate.
- Attend all classes.
- Read the book and prepare each assignment before class.
- Active Participation.
- Seek help as soon as you need it. Your classmates can help, I am available during office hours (or make an appointment) and there is free tutoring available at the ASC located in the Library.

- Sign up for MATH-376L-E2659      Math Lab for Pre- Algebra      0.5 Unit
- Sign up for MATH-376L-E2660      Math Lab for Pre-Algebra      1.0 unit

***This information is subject to change depending on class circumstances.***