

## Syllabus for: Math 376 Prealgebra

<b>Semester &amp; Year:</b>	Spring 2013
<b>Course ID and Section Number:</b>	Math 376 – E2674
<b>Number of Credits/Units:</b>	4
<b>Day/Time:</b>	MTWTh 8:30-9:35 AM
<b>Location:</b>	PS 120
<b>Instructor's Name:</b>	Kevin Yokoyama
<b>Contact Information:</b>	Office location and hours: PS 119E: M-Th 7:30-8:30 AM Phone: 476-4233 Email: Kevin-Yokoyama@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 and graphing linear equations will also be introduced. Problem solving, estimation and the communication of mathematical ideas are an integral part of the course.

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

*These are the things a student will be able to do as a result of successfully completing this course.*

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 DSPPS.

**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://redwoods.edu/District/Board/New/Chapter5/AP%205500%20Conduct%20Code%20final%2002-07-2012.pdf>

Additional information about the rights and responsibilities of students, Board policies, and administrative procedures is located in the college catalog and on the College of the Redwoods homepage.

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.

<b>Text:</b> "Free Custom Text on CD	<b>Office:</b> PS 119E
<b>Author:</b> CR Math Department	<b>Phone:</b> 476-4233

**OBJECTIVE:** This course is designed to prepare you for beginning algebra. You will also be given an opportunity to strengthen your skills in basic arithmetic. The prerequisite for this course is Math 372, or an appropriate score on the math placement test. We will be using calculators extensively in this course. If you don't have a calculator I would strongly advise you to purchase one. There are many different types and brands available, if I find a good deal I'll let you know.

## Course Learning Outcomes:

*These are the things a student will be able to do as a result of successfully completing this course.*

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

**HOMEWORK:** Homework will be assigned every class meeting, and is due on Mondays and Thursdays of each week. **LATE HOMEWORK WILL NOT BE ACCEPTED!!!** If you can't get the assignment in on time make sure that you know the material because you will still be held responsible for the information.

**QUIZZES:** Quizzes will be given several times during the semester. The quiz questions will usually cover material given in the homework. **MAKE-UP QUIZZES WILL NOT BE GIVEN!**

**TESTS:** There will be five 100-point exams given over the semester, as well as a 100 point comprehensive final exam. **MAKE-UP TESTS WILL NOT BE GIVEN!**

**ATTENDANCE:** One of the most important things that you can do to succeed in this course is to attend every class meeting. It is the policy of the math department to drop students for excessive absences. This means that if you miss five class meetings, your grade will be dropped one level. If you miss more than five class meetings you will receive an F in the course. If you have to miss class, make prior arrangements to turn in your homework, as well as to get any notes or materials covered that day.

**MATH LAB:** All students are encouraged to sign up for Math 152 (The Math Lab). You can receive help on your home work questions, or work on computer tutorials. The Math Lab is located in the LRC (new library). You can sign up for the Math Lab by going to the LRC during the first week of classes.

## GRADING:

Quizzes/Homework/Labs	100 points
5 Tests (100 points each)	500 points

Final	100 points
Total	700 points

**Grades will be assigned as follows:**

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

This material may be accessed online at the following link:

<http://online.redwoods.edu/INSTRUCT/KIYOKOYA/kevin.htm>