

Syllabus for: Math 276 Pre-Algebra for College Prep	
Semester & Year:	Spring 2015
Course ID and Section Number:	MATH-276-K7557
Number of Credits/Units:	0 (non-credit)
Day/Time:	Tuesday Thursday 3:00-5:05 pm
Location:	HTEC Room 3
Instructor's Name:	Danny Ammon
Contact Information:	Email: danny-ammon@redwoods.edu
Course Description (catalog description as described in course outline):	
<p>A non-credit course, including 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.</p>	
Special Notes or Advisories: A scientific calculator is required.	
Student Learning Outcomes (as described in course outline) :	
<ol style="list-style-type: none"> 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. 	
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 accommodations document to me as promptly as possible so that necessary arrangements can 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.	
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 will receive a zero the first time and the second time will receive an "F" in the course.	
<p>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</p>	
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.	

Textbook:

Prealgebra Textbook, by Mathematics Department of College of the Redwoods
Also, available online at <http://msenux.redwoods.edu/PreAlgText/>
If you prefer a hard copy of the book, you may find some in the bookstore.
For a very reasonably priced bound copy, order it at <http://www.lulu.com/>.
Solutions for the odd numbered problems are found in the text.
A complete solutions manual is available free online.

Course Equipment:

Scientific Calculator
Graph-paper, lined paper.
Textbook or any device that gives you access to the text on the Internet,

Self-Paced Course:

You are encouraged to do the odd numbered exercises in each section — that, or as many of the exercises as you feel are necessary to master the subject.
There will be no take home work, unless you want to speed up your progress.

Basis for Grade:

This class may be taken either for a letter grade or P/NP.

Grading

Homework 35%	90 - 100% A
Exams 35%	80 - 89% B
Participation 20%	70 - 79% C
Final Exam 10%	60 - 69% D

Class Time:

Class will consist mostly of doing math in a lab-like setting. Mini-lectures will be used on individuals or small groups as needed. You will be encouraged to find a group to work with, one that fits your pace, but you will not be required to join or stay with a group.

Exams:

To prepare for each Chapter Exam, do the following:
Read or skim each section in a chapter before doing the odd numbered exercises.
You can go over the examples and exercises with your group, if you have one.
Ask the instructor for a mini lecture on the section if needed.

Final Exam:

Will be on Tuesday during Finals Week at our regularly scheduled class time.

Learning Resources:

Overview at <http://msenux.redwoods.edu/mathdept/courses/math376.php>

Khan Academy online

Disabled Student Programs and Services

Placement:

Make certain this course is appropriate for your skills and experience.

Math 272 is a prerequisite, or the equivalent.

Minor modifications to this syllabus may be necessary during the semester.