

MATH-376-K2955
Pre-Algebra

Semester & Year:	Spring 2013
Course ID and Section Number:	MATH – 376 – K2955
Number of Credits/Units:	4 units
Day/Time:	M W 11:40AM – 1:45PM
Location:	Room 3
Instructor's Name:	Mr. Jon Pace
Contact Information:	Office hours: Computer Lab 2:00 – 3:30 M W Email: jonathan-pace@redwoods.edu or via MyCr

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) :

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://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.

I reserve the right to change this syllabus and course schedule at any time.

Text

Students will be given a free Pre-Algebra textbook on the first day of classes in the form of a CD. The book is written by the mathematics department and will be given free of charge to all students in Pre-Algebra. When you load the CD into your computer, double-click **start.html** to view a table of contents.

The textbook files on the CD are in PDF format. You will need to download a free copy of the Acrobat Reader to read them. Go to <http://get.adobe.com/reader/> if you need to download Acrobat Reader. It is important that you have the most current version of the Acrobat Reader that your system will allow. The Adobe site will analyze your system, but you may be asked to choose the appropriate version of the reader for your system. If this happens, carefully select the appropriate version of the reader.

The Pre-Algebra textbook is also available online at:

<http://msenux.redwoods.edu/PreAlgText/>

The online files are identical to the files on the CD and include:

1. A file for each chapter, which includes exercises and short answers.
2. A single file that contains full solutions for each chapter.

Recommended

1. Math Lab
2. I would recommend forming study groups. They are a great way to study for exams and do homework problems.
3. The Math 376 course outline (for your interest) is located at

<http://msenux.redwoods.edu/mathdept/outlines/current/math376.php>

Classroom Environment

It is essential to our class that both students and teacher behave in a manner that will provide a comfortable learning atmosphere. Be respectful of one another. You should not hesitate to ask questions or feel embarrassed to ask a question or ask for help. **Turn off cell phones before entering the classroom.** If your cell phone goes off during class, you will have to apologize to the class by bringing in treats for everyone the next class period.

Exams

There will be four in class exams each worth 10% of the course grade and a cumulative final exam worth 20%. I will notify you at least one week in advance as to the date of each exam. Before each exam, I will post a practice exam on MyCr. All exams need to be taken in class on the day of the exam.

Final Exam: Monday, May 6th, 10:45AM – 12:45PM

Homework

Homework will be assigned each class period and each section of homework is worth 10 points. You will be assigned more than one section of homework on some days. During most classes, you will have an opportunity to ask questions about the homework. The only way to learn math is to practice and homework is a great practice. Homework from the previous week will be turned in at the beginning of class of Tuesdays. It will be graded based on completeness, neatness, the following of directions, and accuracy. Make sure you read and comply with the **GUIDELINES FOR HOMEWORK** at the end of this syllabus. Sloppy or unreadable homework will be returned with a grade of zero. Five random problems from each homework assignments will be graded completely. I understand that things may happen so that you are unable to turn in a given homework assignment; therefore, the 2 lowest homework scores will be dropped.

Quizzes / Participation

A short, 10-minute quiz will be given each Thursday at the beginning of class covering material from the previous week.

A weekly quiz will be given online through OptiMath. You will have a full week to complete the quiz and may attempt the quiz as many times as desired.

Grades

Your final grade will be determined as follows:

Homework:	20%
Quizzes:	20%
Exams:	40%
Final Exam:	20%

The grade break down is as follows:

A	93 - 100%	C+	77 - 79%
A-	90 - 92%	C	70 - 76%
B+	87 - 89%	D	60 - 69%
B	83 - 86%	F	0 - 59%
B-	80 - 82%		

Guidelines for Homework

Please adhere to the following guidelines before turning in your homework assignments:

1. Staple all homework in the **upper left hand corner**.
2. Label your homework with your name and section number in the upper right hand corner.
3. Write your problems in order down the page. You may use both sides of the paper.
4. Box your answers to each exercise.
5. You must use pencil when doing your homework, and you must write legibly and neatly.
6. Be sure to show your work when solving a problem. A problem with just the answer and no work shown will not receive any points.
7. When creating a graph, you must use graph paper and a ruler or straight edge. When graphing, make sure that you label your axes and scale or points will be taken off.
8. Remove all “frillies” from the side of the page if you tear it out of a notebook.

*** This syllabus is subject to change at my discretion ***