

Syllabus for: Math 380 Elementary Algebra

Semester & Year:	Spring 2013
Course ID and Section Number:	Math 380 E3443
Number of Credits/Units:	5
Day/Time:	MTWTh 4:30 pm – 5:45 pm
Location:	PS 120
Instructor's Name:	Kimberly Peterson
Contact Information:	Office location: PS 200 Email: kimberly-peterson@redwoods.edu
Course Description (catalog description as described in course outline): A study of the real number system, first-degree linear equations and inequalities, polynomial expressions and equations, factoring, radicals, quadratic equations and the quadratic formula, interpretation of graphs, and problem-solving techniques. Small group work and exploratory activities (including the use of the graphing calculator) are involved in this course. Note: Graphing calculator required, TI-83 or TI-84 recommended.	
Student Learning Outcomes (as described in course outline) : <ol style="list-style-type: none">1. Use properties of real numbers to solve linear equations, inequalities, and systems of linear equations.2. Solve non-linear equations by factoring.3. Draw and interpret graphs and solve problems graphically.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.

Welcome to Math 380—Elementary Algebra—Spring 2013

Instructor: Kimberly Peterson

Office Location: PS 200,

Email: kimberly-peterson@redwoods.edu

Office Hours: By appointment

Required Text and Materials:

- Text – Free CD : Elementary Algebra Second Edition: 2012-2013 by David Arnold

(see Textbook Info posted on MyCR site under Resources)

- TI-83 or 84 Graphing Calculator- may rent for \$20 from the Math Department
- pencils and erasers
- stapler with staples
- 8.5x11 paper
- Graph paper
- Colored pencils or pens for correcting homework

Recommended Materials:

- Ruler (in a pinch the side of a book or calculator works)
- Colored pencils for graphing work

Student Learning Outcomes:

1. Use properties of real numbers to solve linear equations, inequalities, and systems of linear equations.
2. Solve non-linear equations by factoring.
3. Draw and interpret graphs and solve problems graphically.
4. Use sound mathematical writing and appropriate use of symbolism in presenting solutions of mathematical exercises and applications.

Course Grading Scale:

Homework	15%
Class Participation and Opportunity Corrections	15%
Weekly Quizzes	20%
Exams (2)	35%
Final	15%

Letter Grades will be assigned no stricter than the following:

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

Class Time: Class time is for issues that concern the entire class. It is not the time to discuss your grade, homework questions, or any other individual matters. Send me an email to discuss these kinds of issues. We will spend the first 10-15 minutes of class time on homework questions from the previous class meeting's assignment. If you have more than a question or two from the assignment you will want to get some help outside of class.

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.

Homework: Homework is posted on the MyCR site for this course, under Resources. I will post assigned and due dates for each assignment as we cover the material. In general, homework is due the class meeting 2 days after it is assigned. For example, the Section 1.1 homework assigned today, Tuesday we will go over a few questions at the start of class, and then Wednesday it is due. Homework is where you get to practice and receive feedback on using mathematical notation correctly. Written homework should be neatly done in pencil and meet the following guidelines:

- Your name, homework section and problem numbers on the top of your paper.
- If multiple pages, staple in the upper left corner.
- Begin each problem with the original problem (except story problems), show appropriate work, and the answer should be at the end of each problem. Work down the page.
- With story problems be sure to begin with assigning variables or a picture, and your answer should be written in a complete sentence at the end.
- Graphs made by hand (not sketched from calculator) need to be done on graph paper.

Your grade will be based upon whether it looks like you did all the problems, checked your odd answers in the text using a colored pencil or pen, looks mostly correct, whether you followed the guidelines given above, and whether you used notation properly as illustrated in your text and in class. Each assignment is worth 10 points. Late homework will be accepted up to a week from when it is assigned for at most 7 points.

Graded Papers: Papers once I have graded and recorded them will be brought to class and available to pick up before or at the end of the class.

Class Participation and Exam Corrections: Your presence and participation in class is essential for making this class successful. Your participation in activities and questions informs me, and you, of whether you are gaining an understanding of the material. It is also where you will be learning and practicing mathematical grammar. Writing mathematics correctly is crucial to learning the mathematical content. Your participation grade will be based upon:

- Warm Ups/Practices some collected some not
- Online Survey/Questions regarding reading, videos, or other lecture preparations (I may utilize Optimath for these online activities. Optimath can be found at <http://mathrev.redwoods.edu/cgi-bin/online/f12/OTlogin.cgi>)
- Short in class activities
- Larger Class Activities
- Exam Corrections

All but the larger activities and Exam Corrections, are 5 points each. There is no way to do these ahead of time or make these activities up.

Weekly Quizzes: There will be a quiz each week except the weeks of the exams. The quiz will usually be over the material we had covered that previous week. Each quiz is worth 10 points each and the number of questions will vary depending on the difficulty of the material. . .

Exams: There will be two in class, closed book exams this semester. The dates for these exams will be announced in class at least one week prior to the exam. Make-ups are given at my discretion. The earlier you contact me with regards to the potential or actual missing of the exams increases your chances of being granted a make-up.

The cumulative final is scheduled by the college for Wednesday May 8th 3:15 pm – 5:15 pm. Do not plan on leaving town before your scheduled final.

Cell Phone Policy: Cell phones need to be turned off. If you must leave your cell phone on put it on vibrate in your pocket and sit next to the door. Be sure to quietly exit the classroom and move away from the door quickly before answering. If I decide that you did not answer your cell phone respectfully or your phone rings out loud in class, I reserve the right to deduct points from your class participation points. Texting is not permitted at any time. Texting distracts you at the time but negatively impacts the learning environment for everyone around you as well, including myself. The reason being that when I give the class problems to work on or have you work in groups you are left clueless as to what you are suppose to be doing. I will deduct points from your participation grade for texting.

**If a student believes that he or she may need an accommodation for a disability, please see me or initiate contact with Disabled Student Programs and Services at 476-4280.

Academic Misconduct: Any violation will be dealt with according to the procedures and sanctions proscribed by the College of the Redwoods.

I reserve the right to modify this syllabus