Syllabus for Math 380 Elementary Algebra (V2)	
Semester & Year:	Fall 2015 Aug 22 – Dec 12
Course ID and Section Number:	Math 380 E8022
Number of Credits/Units:	5
Day/Time:	MTWTh 4:30PM-5:45PM
Location:	Science Bldg. SC 206
Instructor's Name:	Associate Professor Carter
Contact Information:	robin-carter@redwoods.edu

Course Description:
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. This course is also designed to prepare you for Math 120 (Intermediate Algebra).

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.

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 at 707-476-4280, or in the Administration and Student Services building.

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
http://www.redwoods.edu/District/Board/New/chapter5/ 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 Our textbook *Elementary Algebra* for College of the Redwoods available free online at:

http://mathrev.redwoods.edu/ElemAlgText/

Scientific Graphing Calculator Required We will be using graphing calculators extensively in this course. If you don't have a graphing calculator you will need to purchase one. We recommend the TI-84 Plus graphing calculator.

PRACTICE EXERCISES will be assigned each class period and is due online at OPTIMATH here:

mathrev.redwoods.edu/cgi-bin/online/f15/OTportal.cgi/

Your skill at performing the algebra steps on OPTIMATH is assessed and contributes to the course grade. OPTIMATH assignments can be repeated as many times as you can before the due date.   The best score will be the score recorded.

MATH 380L - The Math Lab for Elementary Algebra: All students in this class are encouraged to enroll in Math 380L, The Math Lab for Elementary Algebra. You may sign up for 0.5 - 1.0 units of credit. The Math Lab is located in the Academic Support Center in the library and is a great place to study or do your homework. You can receive help from one of the instructors on your homework, study for exams, or use computers to complete OPTIMATH assignments.

Math Lab computers are configured for OPTIMATH, making math practice exercises easy to complete. If there is a problem, math lab staff can help you. Additional information about configuring your own computer to complete OPTIMATH assignments is given in another file here.

Class Activities Part of your skills score will be group exercises in class. This gives you a chance to practice, help others, and receive help from fellow students. There will be no make-up group activities given.

Your participation in OPTIMATH and class assignments provides the training to model and compute in academic and workplace environments.

Tests There will be approximately four tests and one final exam in class. Test questions are selected from OPTIMATH practice exercises. Your lowest test score will be replaced with your final exam score, (if the final exam score is higher). If you are sick or out of town and miss an exam, you will receive a zero and your final exam score will replace the missing score. There will be no make-up exams given.

Grades are the average of your exercises, class activities, and tests scores according to the following weighted average:.

Exercises/Class Activities   40%

Tests   40%

Final Exam   20%

Letter grades will be assigned as follows:

90-100%   A

80-89%   B

70-79%   C

60-69%   D

<59%   F

This material may be accessed at College of the Redwoods Canvas course website.