Syllabus for: **Math 380 Elementary Algebra**	
Semester & Year:	Fall 2013
Course ID and Section Number:	MATH-380-K4292
Number of Credits/Units:	5
Day/Time:	Tuesday Thursday 6:30-9:00pm
Location:	HTEC Room 1
Instructor's Name:	Danny Ammon
Contact Information:	Office location and hours: HTEC TueTh 3:15-4:15
	Email: danny-ammon@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.

Student Learning Outcomes (as described in course outline) :
1. Add, subtract, multiply and divide whole numbers, integers, and rational numbers.
2. Evaluate algebraic expressions with one or more variables.
3. Simplify polynomial expressions (add, subtract and multiply).
4. Solve linear equations.
5. Apply the five step problem solving process to solve applications (word problems).

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 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.

MATH 380 - Elementary Algebra
Fall 2013
HTEC TTh _ 6:30pm - 9:00pm

Instructor: Danny Ammon
Email: danny-ammon@redwoods.edu
Office Hours: TTh 3:15pm - 4:15pm at HTEC

Cell Phones
Keep them on silent (or off) and put away for the duration of class.

Prerequisite
Math 376 with a grade of C or better or appropriate score on the assessment test.

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.

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

Textbook
Elementary Algebra, Second Edition: 2012-2013, College of the Redwoods, Department of Mathematics Available on disk or online. You may also purchase a printed copy from the bookstore or from lulu.com:

Elementary Algebra Textbook:
http://www.lulu.com/shop/david-arnold/elementary-algebra/paperback/product-20276557.html

Elementary Algebra Solutions Manual
http://www.lulu.com/shop/david-arnold/elementary-algebra-solutions-manual/paperback/product-20276540.html

Calculators
You will need a graphing calculator; I recommend a TI-83 or TI-84. Cell phones may be used as a calculator, but they are not as powerful or useful as a graphing calculator.

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

Homework
All work in homework is a worthwhile investment. You are encouraged to work together on your homework assignments. Homework will be accepted late except for a valid reason (e.g. sick, family emergency, etc.). Other late homework will be accepted for reduced credit.

Exams
There will be five exams during the semester. All exams are individual. Be sure to bring a sharp pencil and your calculator.

Attendance
Attendance is very important to your overall understanding of the concepts presented in this course. You should attend all class sessions, arriving on time and leaving after the class has ended. I encourage participation and welcome all questions. If you must miss class, check with fellow students to see what you missed.

Cheating
Cheating is a very serious offense and will result in a zero on the assignment/exam the first time, and an F in the class for a second offense. Please don't do it.

Other
Please turn off and remove all portable audio systems before entering class. Please be respectful of your fellow classmates; refrain from using foul, crude, or disrespectful language in the classroom. This syllabus can be changed by me at any time

Math 380 Homework Assignments

Class date	Section in book
Tue 8/27	1.1 #3-51 (every 3rd), 1.2 #3-57 (every 3rd)
Thur 8/29	1.3 #3-66 (every 3rd), 1.4 #3-60(every 3rd)
Tue 9/3	1.5 #3-63 (every 3rd), 2.1#3-51 (every 3rd)
Tue 9/5	2.2 #3-54 (every 3rd), 2.3 #3-30 (every 3rd)
Tue 9/10	2.4 #3-30 (every 3rd), 2.5 #3-33 (every 3rd)
Thur 9/12	2.6 #3-60 (every 3rd), EXAM #1
Tue 9/17	3.1 #3-36 (every 3rd), 3.2 #3-27 (every 3rd)
Thur 9/19	NO CLASS
Tue 9/24	3.3 #3-30 (every 3rd), 3.4 #3-21 (every 3rd)
Thur 9/26	3.5 #3-24 (every 3rd), 3.6 #3-36 (every 3rd)
Tue 10/1	4.1 #3-24 (every 3rd), EXAM #2
Thur 10/3	4.2 #3-45 (every 3rd), 4.3 #3-30 (every 3rd)
Tue 10/8	4.4 #3-15 (every 3rd), 5.1 #3-36 (every 3rd)
Thur 10/10	5.2 #3-66 (every 3rd), EXAM #3
Tue 10/15	5.3 #3-15 (every 3rd), 5.4 #3-36 (every 3rd)
Thur 10/17	5.5 #3-54 (every 3rd), 5.6 #3-48 (every 3rd)
Tue 10/22	5.7 #3-78 (every 3rd), 6.1 #3-75 (every 3rd)
Thur 10/24	6.2 #3-57 (every 3rd), EXAM #4
Tue 10/29	6.3 #3-42 (every 3rd), 6.4 #3-12 (every 3rd)
Thur 10/31	6.4 #15-45 (every 3rd), 6.5 #3-66 (every 3rd)
Tue 11/5	6.6 #3-54 (every 3rd), 6.7 #3-21 (every 3rd)
Thur 11/7	7.1 #3-75 (every 3rd)
Tue 11/12	7.2 #3-48 (every 3rd), EXAM #5
Thur 11/14	7.3 #3-48 (every 3rd)
Tue 11/19	7.4 #3-27 (every 3rd)
Thur 11/21	7.5 #3-30 (every 3rd)
Tue 11/26	8.1 #3-42 (every 3rd), 8.2 #3-33 (every 3rd)
Thur 11/28	NO CLASS
Tue 12/3	8.3 #3-54 (every 3rd)
Thur 12/5	8.4 #3-39 (every 3rd)
Tue 12/10	Practice Final Exam
Thur 12/12	Final Exam