Syllabus for: Math 380 Elementary Algebra	
Semester & Year:	Spring 2013
Course ID and Section Number:	Math 380 E2687
Number of Credits/Units:	5
Day/Time:	M 6:05pm-7:40pm PS 120
Location:	TTH 6:05pm-7:40pm PS 110
Instructor's Name:	Michael Stobb
Contact Information:	Email: Michael-Stobb@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) :

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.

Math 380—Elementary Algebra—Spring 2013

Instructor: Michael Stobb

Email: Michael-Stobb@redwoods.edu

Required Text and Materials:

- Text – Free CD
- 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

Recommended Materials:

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

Student Learning Outcomes:

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Course Grading Scale:

Homework	15%
Participation	15%
Weekly Quizzes	20%
Midterm	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. Feel free to send me an email. 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: I will post assigned and due dates for each assignment as we cover the material. In general, homework is due 2 class meetings after it is assigned. This means that homework assigned on Monday will be due on Thursday, homework assigned on Tuesday will be due on Monday, and homework assigned on Thursday will be due on Tuesday. Homework is where you get to practice and receive feedback on using mathematical notation correctly. Each assignment is worth 10 points. Your grade will be based upon correctness and completion. Homework should be neatly done in pencil and meet the following guidelines:

- Your name, section, problem numbers, and date 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 circled 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.

Class Participation: Every class session will have some portion of time where you will be required to work on problems. This could take many forms: worksheets, exit slips, group projects, etc. While they will be designed primarily to be finished in-class, if class time is not sufficient then they will be your responsibility to complete (homework). If that is the case, then they will be due on the next class meeting.

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.

Weekly Quizzes: There will be a quiz each week except the week of the midterm. The quizzes will be available online for a week via Optimath. On Thursday, the closing day of the quiz a version will be given in class. I will take the larger of your in class quiz and the average of your in class quiz with your Optimath quiz score. The quiz will usually be over the material we had covered that previous week. You may repeat each quiz online as many times as you want before the due date. I encourage you to do the weekly quizzes online until you receive at least a 7 on the quiz. The Optimath system also allows you to review each quizzes' solutions once completed so you can figure out exactly where you went wrong. Each time you repeat the quiz you will be presented with new questions. Optimath can be found at http://mathrev.redwoods.edu/cgi-bin/online/s13/OTlogin.cgi. Each quiz is worth 10 points and the number of questions will vary depending on the difficulty of the material.

Midterm: There will be a Midterm on Thursday March 7th. This is the Thursday before Spring Break. Make-ups are given at my discretion. Except for emergency situations, contact must be made *before* the Midterm to even be considered.

If you miss the Midterm, or do poorly on it, your percentage on the Final will replace your Midterm's score.

The cumulative final is scheduled by the college for Monday May 6th 5:30pm-7:30pm. Do not plan on leaving town before your scheduled final. There will be NO makeups.

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. I reserve the right to deduct points from your class participation. <u>Texting is not permitted at any time.</u> Texting not only distracts you at the time but also negatively impacts the learning environment for everyone around you, including myself. <u>I will ask you to leave the class for texting.</u> Similarly, music devices and headphones need to be put away.

**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 at any time,
but agree to notify all students via email if I do.***