Syllabus for Math 380 Elementary Algebra – Eureka Campus: Version 1.1		
Semester & Year	Spring 2017	
Course ID and Section #	MATH-380-E1128	
Instructor's Name	Jim Hamilton	
Day/Time	Mon-Tu-Th 6:05 to 7:40 p.m.	
Location	Sciences Building, SC206	
Number of Credits/Units	5	
Contact Information	*Office location*	SC 206
	Office hours	TTH 5:00-6:00
	Email address	jim-hamilton@redwoods.edu
Textbook Information	*Title & Edition*	Elementary Algebra Textbook, Second Edition
	Author	Dept. of Mathematics, CR
	ISBN	N/A (Creative Commons License)

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.
Note: Graphing calculator required, TI-83 or TI-84 recommended.

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 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 at 707-476-4280.

Academic Support

Academic support is available at Counseling and Advising and includes academic advising and educational planning, Academic Support Center for tutoring and proctored tests, and Extended Opportunity Programs & Services, for eligible students, with advising, assistance, tutoring, and more.

Academic Honesty

In the academic community, the high value placed on truth implies a corresponding intolerance of scholastic dishonesty. In cases involving academic dishonesty, determination of the grade and of the student's status in the course is left primarily to the discretion of the faculty member. In such cases, where the instructor determines that a student has demonstrated academic dishonesty, the student may receive a failing grade for the assignment and/or exam and may be reported to the Chief Student Services Officer or designee. The Student Code of Conduct (AP 5500) is available on the College of the Redwoods website at: http://www.redwoods.edu/board/Board-Policies/Chapter-5-Student-Services, and scroll to AP 5500. 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 website.

Disruptive Classroom Behavior

Student behavior or speech that disrupts the instructional setting will not be tolerated. Disruptive conduct may include, but is not limited to: unwarranted interruptions; failure to adhere to instructor's directions; vulgar or obscene language; slurs or other forms of intimidation; and physically or verbally abusive behavior. In such cases where the instructor determines that a student has disrupted the educational process a disruptive student may be temporarily removed from class. In addition, he or she may be reported to the Chief Student Services Officer or designee. The Student Code of Conduct (AP 5500) is available on the College of the Redwoods website at: http://www.redwoods.edu/board/Board-Policies/Chapter-5-Student-Services and scroll to AP 5500.
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Emergency Procedures for the Eureka campus:

Please review the campus evacuation sites, including the closest site to this classroom (posted by the exit of each room). The Eureka **campus emergency map** is available at: (http://www.redwoods.edu/aboutcr/Eureka-Map; choose the evacuation map option). For more information on Public Safety, go to http://www.redwoods.edu/publicsafety. In an emergency that requires an evacuation of the building:

- Be aware of all marked exits from your area and building.
- Once outside, move to the nearest evacuation point outside your building:
- Keep streets and walkways clear for emergency vehicles and personnel.
- Do not leave campus, unless it has been deemed safe by the Incident Commander or campus authorities. (CR's lower parking lot and Tompkins Hill Rd are within the Tsunami Zone.)

RAVE – College of the Redwoods has implemented an emergency alert system. In the event of an emergency on campus you can receive an alert through your personal email and/or phones at your home, office, and cell. Registration is necessary in order to receive emergency alerts. Please go to https://www.GetRave.com/login/Redwoods and use the "Register" button on the top right portion of the registration page to create an account. During the registration process you can elect to add additional information, such as office phone, home phone, cell phone, and personal email. Please use your CR email address as your primary Registration Email. Your CR email address ends with "redwoods.edu." Please contact Public Safety at 707-476-4112 or security@redwoods.edu if you have any questions.

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

Logistics
Spring 2017
Sciences Building, SC206, meets MTTh 6:05-7:40pm
Instructor: Jim Hamilton, email jim-hamilton@redwoods.edu
Office Hours: Regular hours TBS. Additional hours by arrangement.

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

Course Description
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Course Objectives
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.

Textbook
Elementary Algebra, Second Edition: 2012-2013, College of the Redwoods, Department of Mathematics
Available online: http://www.redwoods.edu/math/Online-Mathematics-Textbooks/Math-380
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
Finally, the library has copies of the textbook for both long term (semester) and short term (2 hour) reserve. Move quickly for the longer loans. There are also copies of the solutions manual on short term reserve.
http://library.redwoods.edu/cgi-bin/koha/opac-detail.pl?biblionumber=80325
http://library.redwoods.edu/cgi-bin/koha/opac-detail.pl?biblionumber=80304

Calculators and supplies
A graphing calculator is required for this course. While the TI-83/84 line is aging, they are fairly straightforward to use and examples in the textbook are given using these calculators. Examples in class will use a TI-83. Therefore, the TI-83+ or TI-84+. is recommended. Support for other

calculators will only be best effort. Calculators may be rented: go the cashiers office in the admin building (second floor) and pay ($15 unless the price has changed), then take the receipt to Betsy Buchanan in math lab. You will also need graph paper. Recommendations will be given.

Math Lab
Enrollment in and use of Math Lab is strongly recommended. There are several options, but you must register to take advantage of the lab, even for the 0 unit option:
Math-252-E1102 for 0.0 units (drop in)
Math-380L-E1141 for 0.5 units (requires 22.5 hrs for credit + a couple assignments)
Math-380L-E1142 for 1.0 units (requires 45 hrs for credit+ a couple assignments)

Canvas
We will use Canvas to enable you to track progress and for some communications. At a minimum, my gradebook, homework and exam schedules and attendance records will be available to you through Canvas. I will also use Canvas for any needed outside of class announcements. Dates for exams published in Canvas are estimates: firm dates will depend upon class progress.

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. Attendance will be recorded in Canvas.

Homework
Homework will be assigned at most class meetings and due once a week on the Monday following the assignment. Late homework will not be accepted, but I will drop up to 3 missing assignments in computing the homework portion of your grade. Homework will be graded pass/fail only. Homework is for you: very few people can absorb mathematics without practice. Some homework assignments will be group projects. Collaboration on homework is encouraged and can help the learning process, but you must submit your own solutions: simply copying someone else's work is not acceptable.

Exams
We will have 3 in-class exams during the semester, and a comprehensive, in-class final. A graphing calculator will be needed for exams, as will graph paper and straightedge. There will be no makeups. In the event of a missed exam, your final exam score will be used for the missing exam.

Grading
This class will use a standard scale. (A: 90-100%; B: 80-90%; C: 70-80%; D: 60-70%; F: below 60%). To calculate your grade, I will use the following methodology:

In-class Exams: equal weighting totaling 65%
Comprehensive Final 25%
Homework, Group Assignments and Participation 10%

Of course, the primary purpose of homework is to give you the practice needed to learn the material and do well on your exams. Don't neglect that 10%.

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Office Hours
I will have office hours twice a week, Tuesday and Thursday in SC206 from 5-6 pm. (immediately before class, in the SC206 classroom.)

Cheating
Cheating is unethical, unfair to other students, and ultimately unfair to the cheater. Please don't do it. Cheating on an exam will result in a zero grade for that exam, and repeated incidents will result in class fail or drop in accordance with CR policies.

Cell Phones
As a courtesy to everyone, keep them off and put away for the duration of class. You should not answer a call or make a call in the classroom. If there is a clear need for emergency availability, let me know, silence your phone and take your calls outside the classroom.

Other
Other than calculators, no electronic devices should be active during class sessions.
Respect for your fellow students and the instructor is of course expected.