

## Syllabus for: Math 380 Elementary Algebra

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| <b>Semester &amp; Year:</b>          | Spring 2015                  |
| <b>Course ID and Section Number:</b> | Math 380 E7031               |
| <b>Number of Credits/Units:</b>      | 5 Units                      |
| <b>Day/Time:</b>                     | MTWTH 2:50PM – 4:05 PM       |
| <b>Location:</b>                     | SC214                        |
| <b>Instructor's Name:</b>            | Jackson                      |
| <b>Contact Information:</b>          | Office: SC216L Tel: 476-4219 |

### Course Description (catalog description as described in course outline):

(5 Units LEC) Grade Only

Prerequisite: MATH-376

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.

**Homework:** Mathematics is a discipline that requires active participation on the part of every student. That is, *mathematics is learned by doing*. Therefore homework will be assigned every class meeting and is due the next time the class meets. I understand that at times this can be very demanding, but we have to do the work in order to learn the math. If you are having difficulty with an assignment, please come and see me right away. I will allow an occasional late assignment provided you are showing a good faith effort in completing the work. However, if this “occasional late homework” policy is abused then it will have to be rescinded. It cannot be over emphasized how important it is to keep up with the work. If a student falls behind, it becomes nearly impossible to learn the new material. One can become frustrated, angry, morose, depressed. There can arise a myriad of feelings, none of them good, that a person can experience when lost in trying to learn mathematics.

Communicating mathematical ideas is a large part of learning mathematics. Therefore, the homework will be graded on completion of the assignment, quality of appearance, and correctness of work.

**Attendance Policy:**

We reserve the right to drop from the course any student that has more than three unexcused absences.

Reference: Title 5, Sections 55024 and 58004. Approved: 05/01/2012

**Calculator Help:** <http://msemac.redwoods.edu/~kyokoyama/TIHelp/index.htm>

**Math Lab:** Sign up for Math Lab before you fall behind! You may sign up for 0.5-1.0 units of credit. The Math Lab is located in the Academic Support Center, and is open every day. The Math Lab is a great place to do your homework. You can receive help from one of the instructors on your homework, study for exams, or brush-up on your study skills.

**Office Hours:** TBA

**Quizzes/Activities:** There will be several quizzes and collaborative activities given throughout the semester. The quiz questions will cover the material given in the homework. Again, this means keep up with the homework. Quizzes will always be announced at least one class meeting prior to taking the quiz.

**Exams:** There will be several 100-point exams given over the semester, as well as a 100-point comprehensive final. Calculators will be allowed. The exams will be closed book and closed note. We will have a review day prior to the exams.

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| <b>Grading:</b> | Homework/Quizzes/Activities | 20%  |
|                 | Exams                       | 65%  |
|                 | Final                       | 15%  |
|                 | Total                       | 100% |

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| <b>Grades will be assigned as follows:</b> | 93 - 100%  | A  |
|  | 90 - 92.9% | A- |
|  | 86 - 89%   | B+ |
|  | 83- 85.9%  | B  |
|  | 80 - 82.9% | B- |
|  | 76 - 79.9% | C+ |
|  | 70 - 75.9% | C  |
|  | 60 - 69%   | D  |
|  | Below 60%  | F  |

**The above schedule and procedures are subject to change depending on class circumstances.**

