Syllabus for: Math 380 Elementary Algebra	
Semester & Year:	Spring 2013
Course ID and Section Number:	MATH-380-E2684
Number of Credits/Units:	5
Day/Time:	MTWTh 2:50-4:05pm
Location:	PS 115
Instructor's Name:	The` The` Kyaw
Contact Information:	Office location and hours: Mon, Wed 12-1pm and by Appointment (PS 200) Email: t-kyaw@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 nonlinear 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
College of the Redwoods:Spring 2013

Instructor: Thè Thè Kyaw (you can also call me Tina)   **Classroom**: PS 115
Office Location: PS 200   **Class time**: MTWR 2:50pm-4:05pm
Office hours: MW 12-1pm & by Appt
Phone: (707)-476-4100 Ext 3051
Email: t-kyaw@redwoods.edu

Note: Call only during office hours and please do not leave messages on the answering machine. The best way to reach me is via email.

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 84 recommended. Prerequisite: Math-376 Pre Algebra with a grade of "C" or better, or satisfactory performance on the math assessment exam

Required Text and Materials

- *Elementary Algebra*, 2nd edition, by David Arnold. You will receive a free copy of the textbook and solutions manual on CD. If you prefer a printed version of the textbook, you can order it from the website: **lulu.com**. The latest version of the textbook is also available online at: http://mathrev.redwoods.edu/ElemAlgText/

- Students are required to use a graphing calculator, TI-83 or 84 recommended. Students can also rent a calculator from the Mathematics Department for the semester for $20.

- Graph paper, pencils, an eraser, a ruler or a straightedge, a staple with staples, standard-sized paper (8.5 in by 11 in).

Homework

Homework will be assigned every class meeting, and is due at the beginning of class every Monday and Wednesday. Each assignment is worth 15 points. **Late homework will not be accepted!!** However, four lowest homework scores will be dropped. If you are absent, you may do one of the following before the time the assignment is due:

- Send the homework to another classmate to turn in.
- Scan your homework, save it as **pdf** file, and send it to me via email.
- You can also turn in your homework papers to my mailbox by putting it into the slot in the wall next to the room PS 101. Make sure you label your homework with **your name** and **My Name**.

If you can't get the assignment in on time make sure that you know the material because you will still be held responsible for the information.

Homework Guidelines

Turn in your homework papers in a neat and orderly fashion. All assignments must be printed with your name, course, assignment number and date in upper right corner and all your papers must be **stapled** in upper left corner. The homework must be done in pencil and you do so legibly and neatly. **Show your work**. Failure to do so will result in no credit. Extra help is available at the math lab or during office hours or by appointment.

Math is learned by **doing** problems, which means, <u>doing homework</u>. You should set aside at least 2 hours per day, 3-4 days per week for homework. Some students may need more than 2 hours per day. That may sound like a lot, but those who work diligently and thoughtfully will be rewarded with a good understanding of course content, not to mention a good grade on your college transcript.

Math 380L-The Math Lab for Pre-Algebra

All students are strongly encouraged to sign up for Math 380L. You can receive help on your homework questions, or work on computer tutorials. Math Lab is located in the Academic Support Center (ASC) in the back part of the Library and it will be open M-Th 9:30-5 and F 9:30-2:30.

You can register in the ½- unit section or the 1-unit section. For the ½- unit section, students need a total of 22.5 hours of attendance before May 3rd to get credit. That means an average of 2.25 hours each and every week (about 35 min per day, if you go 4 times per week). For the 1-unit section, students need a total of 45 hours before May 3rd.

In-class exercises

In-class exercises will be given every class meeting and will focus on recent topics. In-class activities may include small group discussion and problem solving or individual exercises. This work must be done in class. If absent, these exercises cannot be specifically "made up", but you can miss at most three times without penalty. In-class worksheet will be graded based on participation.

Quizzes and Exams

- A 15-20 min homework quiz containing three or more problems from the previous week's homework set will be given every Thursday at the end of class. It is worth 10 points. Absences result in zero points for the quiz. Two lowest homework quizzes will be dropped.
- There will be three midterm exams and a final exam throughout the semester. **No MAKE-UP tests will be given** unless you notify me in advance.
- The final examination <u>will be comprehensive and mandatory will be given at the officially scheduled time only</u>. There i**s no MAKE UP!** The tests and the final exam will be closed book. You are required to take the final exam to pass this class.

Final Exam will be given on Monday May 6 at 3:15-5:15pm

Grading

You grade will be calculated according to the following percentages:

			Overall Grade	Percent
In-class exercises:	5%		A- or A	90-100%
Homework	20%		B-, B or B+	80-89.99%
Quiz	10%		C-, C or C+	70-79.99%
Exam I	15%		D	65-69.99%
Exam II	15%		F	Below 65%
Exam III	15%			
Final Exam	20%			

The final grade is at the professional discretion of the instructor.

OPTIMATH (Online Practice)

OPTIMATH (Online Practice and Testing in Mathematics) is our locally-developed online practice and testing system. I will post practice quizzes and exams on Optimath. You can do **practice exams** using OPTIMATH from any computer you want, using most web browsers. Logging in procedures, go to the page: http://msenux.redwoods.edu/optimath

- Click on the link for your section (corresponding to your course and instructor) to take you to your section login page

Your login name is just like the one that you use for WebAdvisor: first initial + last name + last three digits of your student ID#. For example, if your name is John Doe and your student ID# is 1234567, then your login name is *jdoe567*. Your initial password is your full 7-digit student ID#, but you can (and should) change it once you log in.

DSPS Services

At College of the Redwoods, students who have professionally verified disabilities are eligible to receive educational support services and courses as defined in Title V of the California Education Code. Students desiring accommodations and/or services must request them from the DSP&S Specialist, in a timely manner. If you are a student with disability, please notify me as soon as possible. First, make sure that you obtain all the required documentations from DSPS office. For more information, please contact DSPS office at (707) 476-4280.

Attendance and Class Policies

One of the most important things that you can do to succeed in this course is to attend every class meeting. It is the policy of the math department to drop students for excessive absences. This means that if you miss more than five class meetings you may be dropped from the course.

I expect that everyone is treated with respect in our class. Anyone displaying inappropriate language and/or attitude in class will be dropped from the class. Sleeping, reading newspapers, or studying for other classes during class time will not be tolerated. Disruptive behavior will not be tolerated in class and could result in you being dropped from the class. You are expected to arrive on time and to leave when the class is dismissed. Arriving late or leaving the class before dismissed is disruptive to your fellow students and extremely disrespectful to your teacher.

Cell phone use in class is prohibited. If you are expecting an emergency call, please set your phone on silent/vibrate mode. Do not send, write, read, or retrieve any text messages during class time. If you need to use your phone, please do so outside of class.

If you are absent, it is your responsibility to check with a classmate to find out what you missed, so you need to get to know a few classmates. "But I was absent that day" is **not** a valid excuse.

Any kind of cheating will not be tolerated. If you are caught cheating, or plagiarizing or otherwise engaging in academic dishonesty, you will receive a grade of 'F' in the course. In addition, cheating will be reported to the Vice President, Chief Student Services Officer.

Student Responsibilities

Students are responsible for knowing the College policy, procedures, and schedule for dropping or adding classes. For more information:

http://www.redwoods.edu/webadvisor/catalog.asp

Student Conduct Code and Disciplinary Procedures

Students are responsible for knowing policy regarding disruptive behavior and academic dishonesty:

http://www.redwoods.edu/webadvisor/catalog.asp

NOTE: The syllabus is subject to change by me, at any moment.