Syllabus for: (name of class) INTERMEDIATE ALGEBRA

Semester & Year:	Fall 2012
Course ID and Section Number:	Math 120 E1883
Number of Credits/Units:	4
Day/Time: **Location:**	Mon Wed Fri 8:30-9:45am PS 201
Instructor's Name:	The` The` Kyaw
Contact Information:	Office location and hours: PS 200, Mon Wed 12-1pm or By appointment Phone: (707) 476 4100 ext 3051 Email: t-kyaw@redwoods.edu

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

Math 120 is a course in which functions are investigated graphically, numerically, symbolically and verbally in real-world settings. Linear, quadratic, absolute value, polynomial, rational, radical, exponential, and logarithmic equations and functions are explored. Technology is integrated into all aspects of the course. (Prerequisite: Grade of C or better in Math 380 (Elementary Algebra) or equivalent, or an appropriate score on the math placement exam.)

Student Learning Outcomes (as described in course outline) :

- Evaluate and interpret general functions symbolically, numerically, and graphically.
- Produce an accurate graph of each function type introduced in the course, identifying and plotting all salient features.
- Demonstrate appropriate use of technology in analyzing the behavior of functions presented in the course.
- Use mathematical models to analyze and interpret real-world situations.
- 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://www.redwoods.edu/District/Board/New/Chapter5/Ap5500.pdf

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 120 Intermediate Algebra
College of the Redwoods-Fall 2012

Instructor: Thè Thè Kyaw (you can also call me "Tina")
Phone: (707)-476-4100 ext 3051
Email: t-kyaw@redwoods.edu
Office Location & hours: PS 200, MW 12-1, or by appointment
Course: Math 120 E1883
Location: PS 201
Time: MWF 8:30-9:45am

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

Course Description

As stated in CR's catalog, Math 120 is a course in which functions are investigated graphically, numerically, symbolically and verbally in real-world settings. Linear, quadratic, absolute value, polynomial, rational, radical, exponential, and logarithmic equations and functions are explored. Technology is integrated into all aspects of the course. (Prerequisite: Grade of C or better in Math 380 (Elementary Algebra) or equivalent, or an appropriate score on the math placement exam.)

More information on Math 120 course, go to the following link:
http://msenux.redwoods.edu/math/courses/math120.php

Required Text and Materials

- A free copy of the Math 120 Intermediate Algebra textbook and solutions manual on CD. The text is written by Department of Mathematics, CR.
- Graphing Calculator, graphing paper, ruler or straightedge, pencils and erasers, color pencils, stapler with staples, *8.5 by 11 in* paper

If you do not have a graphing calculator, I recommend the TI-83/84plus. If you can't afford to purchase one, the Mathematics department will rent a calculator to you for the semester for $20/$25. For help with your calculator, visit the following web sites:

http://www.hotmath.com/graphing_calculators/

http://msenux.redwoods.edu/wagner/math120/calculator.html

Student Course Learning Outcome

• Evaluate and interpret general functions symbolically, numerically, and graphically.
• Produce an accurate graph of each function type introduced in the course, identifying and plotting all salient features.
• Demonstrate appropriate use of technology in analyzing the behavior of functions presented in the course.
• Use mathematical models to analyze and interpret real-world situations.
• Use sound mathematical writing and appropriate use of symbolism in presenting solutions of mathematical exercises and applications.

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.

Homework

Homework will be assigned every week and due at the beginning of class. Each assignment is worth 10 points. Extra help is available at Math Lab or during office hours or by appointment. **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 and send it to me via email.
- If you want to turn in your homework papers to my mailbox, put it into the slot in the wall next to room PS101. 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.

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. **Make sure you read and comply with the Homework Guidelines handout.** Failure to do so will result in no credit.

Math is learned by **doing** problems, which means, doing homework. 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.

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.

Math 120L-Math Lab (Tutoring Lab) for Intermediate Algebra

All students are strongly encouraged to sign up for Math 120L. 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 on M-Th 9:30-5 and F 9:30-3.

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 December 7th 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 Dec 7th .

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 Monday. 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 tests and a final exam throughout the semester and will usually be at the end of two chapters. **No MAKE-UP tests will be given** unless you notify me in advance.

The final examination will be comprehensive and mandatory will be given at the officially scheduled time only. Three 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 on Monday December 10 at 8:30-10:30AM

Grading

Overall Grade	**Percent**
A- or A	90-100%
B-, B or B+	80-89.99%
C-, C or C+	70-79.99%
D	60-69.99%
F	Below 60%

You grade will be calculated according to the following percentages:

Homework	25%
Quizzes	10%
Midterm Exams (15% each)	45%
Final Exam	20%

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

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.

Sleeping, reading newspapers, or studying for other classes 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.

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. For more details regarding Student Conduct Code and Disciplinary Procedures, please go to the following web link: http://www.redwoods.edu/Catalog/Catalog11-12.pdf (see page 157).

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