Syllabus for: (name of class) Math 30 College Algebra	
Semester & Year:	Spring 2013
Course ID and Section Number:	Math-30-E2709
Number of Credits/Units:	4
Day/Time: **Location:**	MWF 1:15-2:30 PS 117
Instructor's Name:	Rio Kuteira
Contact Information:	Office location and hours: PS 200 By Appointment Phone: (707) 599-2872 Email: rio-kuteira@redwoods.edu

Course Description (catalog description as described in course outline):
A course covering first-degree and absolute value equations and inequalities; composite and inverse functions; polynomial, rational, exponential, and logarithmic functions; systems of equations; matrices; sequences and series; mathematical induction; binomial expansion theorem; and complex numbers.
Special notes or advisories: Graphing calculator required, TI-83 or 84 recommended.

Student Learning Outcomes (as described in course outline) :

1) Evaluate and interpret a difference quotient symbolically, numerically, and graphically.
2) Find and interpret the real and complex roots of a polynomial symbolically, numerically, and graphically.
3) Produce an accurate graph of a rational function by hand, and identify all salient features.
4) Demonstrate and interpret the inverse relationship between exponential and logarithmic functions.
5) Solve problems and applications involving exponential and logarithmic functions.
6) Solve 3x3 linear systems of equations using matrices and elimination, and interpret the nature of the solution set geometrically.
7) Recognize and solve problems involving arithmetic and geometric sequences and series.

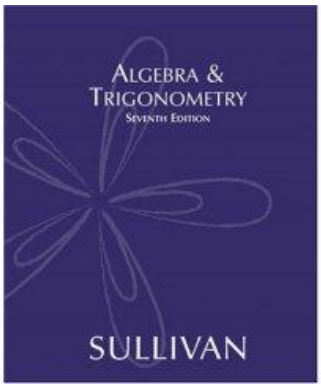
Special accommodations: College of the Redwoods complies with the Americans with Disabilities Act in making reasonable accommodations for qualified students with disabilities. Please present your written accommodation request at least one week before the first test so that necessary arrangements can 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.

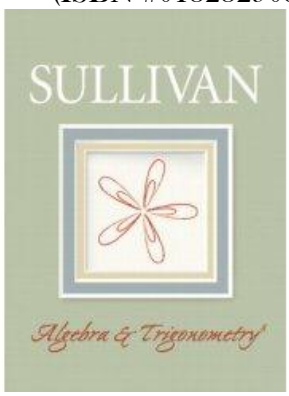
Required Materials:

Algebra and Trigonometry (7th edition), by Sullivan, published by Prentice Hall (ISBN #0131430734)



OR

Algebra and Trigonometry (8th edition), by Sullivan, published by Prentice Hall (ISBN #0132329034)



- Pencils. **NO PENS.**
- Graphing Calculator (i.e. Texas Instruments 83 or 84)
- Graph Paper
- Access to the internet

Homework Policy: Homework will be assigned daily and will be turned in at the beginning of the following class. If you are unable to make it to class, for whatever reason, make arrangements to have your homework turned in ahead of time or by a fellow classmate. If you do not attend class, you are still responsible for the homework. A sheet with all the homework assignments and a tentative schedule for the class will be made available in class and on MyCR. Any changes will be announced in class.

Homework must be turned in at the beginning of class and neatly done in pencil. The paper must be stapled together with the name and assignment clearly legible at the top of the page. It must include all steps necessary to arrive at the answer with work performed vertically and with proper mathematical notation. If the homework does not meet all of the previous requirements then it may not be accepted.

Optimath: Optimath is an online testing database. There will be an assignment on Optimath every week. You will be able to do them several times in order to receive full credit. You can access Optimath through the math department website: http://msenux.redwoods.edu/math/ and click on the Optimath link and choose the "login for the degree-level mathematics classes" Your initial login is username: "first initial + last name + final three digits of your student id" password: "full 7 digit student id". When starting an assignment don't forget to hit "Begin Assignment" button and to not use the browser's back and forward buttons.

Exams: There will be two midterms and a cumulative final exam. It is your responsibility to be present at all exams. There will be no make up exams given unless previous arrangements have been made. Final Exam: Wednesday May 8th (1pm-3pm)

Classroom Etiquette: Leaving class early or showing up late negatively affects your success in the course and hurts your fellow classmates as well. Please keep cellphones silent and put away.

Grading system:

Homework / Activities	25%
Optimath Assignments / Quizzes	25%
Exams	2@15%
Final Exam	20%

Grades will be posted on MyCR in a timely manner. If you have other grading questions, please talk to me!

There are tons of resources at http://msenux.redwoods.edu/math/courses/math30.php

Math 52L – Math Lab:

Very strongly recommended, a great place to do homework and get questions answered instantly.