

Syllabus for: College Algebra	
Semester & Year:	Fall 2015
Course ID and Section Number:	MATH-30-E8001
Number of Credits/Units:	4
Day/Time:	MWF 01:15-2:30
Location:	SC204
Instructor's Name:	Steve Jackson
Contact Information:	Office location and hours: SC214L, TBA Phone: 476-4219 Email: steve-jackson@redwoods.edu
<p>Course Description: 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.</p>	
<p>Student Learning Outcomes:</p> <ol style="list-style-type: none"> 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. 	
<p>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 accommodations document to me as promptly as possible so that necessary arrangements can 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 at 707-476-4280, or in the Administration and Student Services building.</p>	

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, AP 5500 is available College of the Redwoods Board of Trustees site, under Policies: <http://www.redwoods.edu/District/Board/New/chapter5/>

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: Algebra & Trigonometry, Seventh Edition, Michael Sullivan.

HOMEWORK: There will be a combination of daily homework and ‘written’ assignments. The daily homework is to be kept in a notebook that I will collect periodically. The written assignments will be turned in and graded. All work is to be done in pencil and done neatly. We will discuss in class the expectations for the written presentation of your work.

QUIZZES: There will be several quizzes given during the semester. The quiz questions will usually cover material given in the homework. **MAKE-UP QUIZZES WILL NOT BE GIVEN.**

TESTS: There will be three exams given over the semester, as well as a comprehensive final exam. **MAKE-UP TESTS WILL NOT BE GIVEN.**

ATTENDANCE: 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. If you have to miss class, make prior arrangements to turn in your homework, as well as to get any notes or materials covered that day.

CELL PHONE USE: Mobile device use in class is prohibited. If you are expecting an emergency call, please set your phone on silent/vibrate mode. If you need to use your phone, please do so before or after class.

Math 30L: MATH LAB: You can sign up for Math 30L (0.5 or 1 unit) to receive tutoring or study for exams in the Math Lab (located in the Academic Support Center in the new library).

Grading:	Homework/Activities	20%
	Exams/Quizzes	65%
	Final	15%

Grades will be assigned as follows:	90-100%	A
	80-89%	B
	70-79%	C
	60-69%	D
	Below 60%	F

The above information is subject to change depending on class circumstances.