

<b>Syllabus for Math 194 Intermediate Algebra for Social Science and Business– Eureka Campus</b>		
<b>Semester &amp; Year</b>	Fall 2018	
<b>Course ID and Section #</b>	Math 194 – E6402	
<b>Instructor’s Name</b>	Anya Savage	
<b>Day/Time</b>	Tues/Thurs/Fri 11:40-12:55	
<b>Location</b>	SC210	
<b>Number of Credits/Units</b>	4	
<b>Contact Information</b>	<i>Office location</i>	TBA
	<i>Office hours</i>	Tues/Thurs 11:00-11:30
	<i>Phone number</i>	
	<i>Email address</i>	Anya-Savage@redwoods.edu
<b>Textbook Information</b>	<i>Title &amp; Edition</i>	Intermediate Algebra, A Modeling Approach
	<i>Author</i>	Yoshiwara
	<i>ISBN</i>	1-936368-87-0
<b>Course Description</b>		
<p>A course in which functions are investigated graphically, numerically, symbolically, and verbally in real-world settings with an emphasis on applications to social sciences and business. Linear, quadratic, polynomial, rational, radical, exponential, and logarithmic equations and functions are explored as models of real-life applications. Data analysis and technology are integrated into all aspects of the course. This intermediate algebra course is appropriate for career and technical students.</p>		
<b>Student Learning Outcomes</b>		
<ol style="list-style-type: none"> <li>1. Apply mathematics to real-world problems and applications with an emphasis on social sciences and business.</li> <li>2. Investigate the output from a graphing calculator to explore mathematical concepts and to verify work.</li> <li>3. Explain the concept of function, identify the characteristics of different classes of functions, and use functions to solve problems related to social sciences and business.</li> <li>4. Design and effectively communicate a process for solving complex real-world problems in business and social sciences.</li> </ol>		
<b>Special Accommodations</b>		
<p>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 <a href="#">Disabled Students Programs and Services</a>. Students may make requests for alternative media by contacting DSPS at 707-476-4280.</p>		
<b>Academic Support</b>		

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Academic support is available at [Counseling and Advising](#) and includes academic advising and educational planning, [Academic Support Center](#) for tutoring and proctored tests, and [Extended Opportunity Programs & Services](#), for eligible students, with advising, assistance, tutoring, and more.

### Academic Honesty

In the academic community, the high value placed on truth implies a corresponding intolerance of scholastic dishonesty. In cases involving academic dishonesty, determination of the grade and of the student's status in the course is left primarily to the discretion of the faculty member. In such cases, where the instructor determines that a student has demonstrated academic dishonesty, the student may receive a failing grade for the assignment and/or exam and may be reported to the Chief Student Services Officer or designee. The Student Code of Conduct (AP 5500) is available on the College of the Redwoods website at: <http://www.redwoods.edu/board/Board-Policies/Chapter-5-Student-Services>, and scroll to AP 5500. 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 website.

### Disruptive Classroom Behavior

Student behavior or speech that disrupts the instructional setting will not be tolerated. Disruptive conduct may include, but is not limited to: unwarranted interruptions; failure to adhere to instructor's directions; vulgar or obscene language; slurs or other forms of intimidation; and physically or verbally abusive behavior. In such cases where the instructor determines that a student has disrupted the educational process a disruptive student may be temporarily removed from class. In addition, he or she may be reported to the Chief Student Services Officer or designee. The Student Code of Conduct (AP 5500) is available on the College of the Redwoods website at: <http://www.redwoods.edu/board/Board-Policies/Chapter-5-Student-Services> and scroll to AP 5500. 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 website.

### Emergency Procedures for the Eureka campus:

Please review the campus evacuation sites, including the closest site to this classroom (posted by the exit of each room). The Eureka **campus emergency map** is available at: (<http://www.redwoods.edu/aboutcr/Eureka-Map>; choose the evacuation map option). For more information on Public Safety, go to <http://www.redwoods.edu/publicsafety>. In an emergency that requires an evacuation of the building:

- Be aware of all marked exits from your area and building.
- Once outside, move to the nearest evacuation point outside your building:
- Keep streets and walkways clear for emergency vehicles and personnel.
- Do not leave campus, unless it has been deemed safe by the Incident Commander or campus authorities. (CR's lower parking lot and Tompkins Hill Rd are within the Tsunami Zone.)

**RAVE** – College of the Redwoods has implemented an emergency alert system. In the event of an emergency on campus you can receive an alert through your personal email and/or phones at your home, office, and cell. Registration is necessary in order to receive emergency alerts. Please go to <https://www.GetRave.com/login/Redwoods> and use the "Register" button on the top right portion

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of the registration page to create an account. During the registration process you can elect to add additional information, such as office phone, home phone, cell phone, and personal email. Please use your CR email address as your primary Registration Email. Your CR email address ends with “redwoods.edu.” Please contact Public Safety at 707-476-4112 or [security@redwoods.edu](mailto:security@redwoods.edu) if you have any questions.

*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 and Supplies

Textbook: Intermediate Algebra, A Modeling Approach by Katherine Yoshiwara

A graphing calculator is required (TI-83 or TI-84 recommended) and are available to rent for \$15 per semester (see Betsy Buchanan in the back of the LRC in the Math Lab).

Lined paper and graph paper

Pencils, erasers and a straight edge

Binder or folder to organize notes, homework, handouts and returned work.

### Grading

Exams (Including final)	75%
Homework and homework quizzes	25%

93-100%.....	A
90-92%.....	A-
88-89%.....	B+
83-87%.....	B
80-82%.....	B-
78-79%.....	C+
70-77%.....	C
0-69%.....	D-F

## **Exams**

There will be three in class exams and a cumulative final. All exams (including the final) are weighted equally. These will all be closed book, closed note tests. There will be no make-up exams. If you know you will need to miss class the day of the exam, please let me know well ahead of time and it may be possible to arrange an alternate time to take it. If you miss an exam due to a documentable emergency (serious illness, car accident etc.) please contact me as soon as possible to discuss options. However, you may replace one exam grade with the score on your final exam, which would result in your final exam score being counted twice. This will only happen if it will increase your overall score. Otherwise, exam scores will remain the same.

## **Homework and Homework Quizzes**

Homework will be assigned almost every class, and will usually be due the following class. I will not generally collect homework. However, at the end of every class we will have a homework quiz. These will be short open note, open homework quizzes (you will not usually be permitted to use your text). The quizzes will usually consist of problems similar to the homework and reading questions from the text. It is important that you do your homework carefully and neatly and that you check your work as you go. There are no homework quiz make-ups, but the lowest three scores will be dropped.

## **Class Rules and Expectations**

1. Please be respectful to one another. The classroom should be a place where everyone feels comfortable asking questions and participating. This includes minimizing potentially distracting behavior such as talking, doing other work during class time, and using phones and other technology.
2. Please arrive to class on time and leave upon dismissal.
3. Have homework and reading assignments completed before class each day.

Announcements will be made in class and often followed up in Canvas. When absent, students are expected to check email, Canvas, and/or with fellow classmates

Canvas: <https://redwoods.instructure.com>

\*\*\*\*\* **Syllabus Subject to Change** \*\*\*\*\*