

Syllabus for Math 194- Intermediate Algebra – Eureka Campus

Semester & Year	Fall 2017	
Course ID and Section #	MATH-194-E3148	
Instructor's Name	Dr. Ken Owens	
Day/Time	TTH 6:05 8:10pm	
Location	SCSC 202	
Number of Credits/Units	4.0	
Contact Information	<i>Office location</i>	SCSC 202
	<i>Office hours</i>	TTH 8:10-8:30pm
	<i>Phone number</i>	707-826-4249
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Textbook Information	<i>Title & Edition</i>	Math Overboard, Part I
	<i>Author</i>	Colin Clark
	<i>ISBN</i>	978-1-4575-1481-4

Course Description

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.

Student Learning Outcomes

1. Apply mathematics to real-world problems and applications with an emphasis on social sciences and business. 2. Investigate the output from a graphing calculator to explore mathematical concepts and to verify work. 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. 4. Design and effectively communicate a process for solving complex real-world problems in business and social sciences.

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 at 707-476-4280.

Academic Support

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

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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.

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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 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 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.

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HOMEWORK: Students will keep a daily homework notebook. Please start each week in your notebook with a title page including the chapter and the problems done. This notebook will be turned in during each exam for grading but work on problems every day so you don't fall behind.

QUIZZES: There will be daily in-class quizzes covering one problem from the previous night's homework.

EXAMS: There will be two in-class exams and a comprehensive final exam. Dates will be posted online and announced in class one week before the exam.

EXPECTATIONS: I expect that you come to class and participate, work hard on your homework assignments, do your best on exams. I expect everyone to treat each other with respect. I expect that you use cell phones and computers appropriately and in a manner that does not disturb your fellow students or the instructor; this implies that at the very least there should not be any sound coming from your cell phone and you only utilize applications that have course content related material. Additionally, you should be on time to class and avoid leaving early in order to minimize disruption. The Student Code of Conduct addresses many issues that arise on a college campus and you should be aware of the agreement that you have made as an enrolled student.

MATERIALS: You will also need to obtain the following for this class:

- a) A TI-83+ or TI-84 or an application that emulates such a calculator on your phone.
- b) Graph paper.
- c) Separate notebooks to keep lecture notes and homework work in.
- d) Lots of pencils and a big eraser.

GRADING SYSTEM: Your course grade will be determined as follows:

Quizzes	20%
Homework	20%
Two Exams	40%
Final Exam	20%

HOW TO SUCCEED

The success formula is four fold: 1) Come to class! 2) Read your book. 3) Do your homework daily. and 4) Study/Practice hard for the exams.