

Syllabus for Math194 Int Alg for Soc Sci, Business – Eureka Campus		
Semester & Year	Fall 2016	
Course ID and Section #	MATH-194-E0325	
Instructor's Name	Steve Jackson	
Day/Time	MWF 10:05AM-11:20AM	
Location	SC 214	
Number of Credits/Units	4 Units	
Contact Information	<i>Office location</i>	SC 216L
	<i>Office hours</i>	TBA
	<i>Phone number</i>	476-4219
	<i>Email address</i>	Steve-jackson@redwoods.edu
Textbook Information	<i>Title & Edition</i>	Intermediate Algebra Functions and Authentic Applications, Custom Edition with MyMathLab
	<i>Author</i>	Jay Lehmann
	<i>ISBN</i>	
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, 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.		
Student Learning Outcomes		
<ol style="list-style-type: none"> 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		

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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:

www.redwoods.edu/district/board/new/chapter5/documents/AP5500StudentConductCodeandDisciplinaryProceduresrev1.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 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:

www.redwoods.edu/district/board/new/chapter5/documents/AP5500StudentConductCodeandDisciplinaryProceduresrev1.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 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/Eureka/campus-maps/EurekaMap_emergency.pdf). For more information on Public Safety, go to <http://redwoods.edu/safety/> 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

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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.

Required Text and Materials:

- 1.) Intermediate Algebra Functions and Authentic Applications, Custom Edition with MyMathLab
Author: Jay
- 2.) TI-83/84 Graphing Calculator. You may rent one for \$20 from the Math Department.
- 3.) Pencils, erasers, stapler, 8.5X11 paper, graph paper, and a ruler.
- 4.) Composition Book – for the creation of a reference book

Homework:

Online homework will be posted on MyMathLab/CourseCompass site for this course throughout the semester. There will be both online homework and written homework for most sections. The content of the homework, both online and written, is considered due the next class meeting after it has been assigned. The written homework will have a turn-in date. This homework policy exists so that you can work on the problems and then we can discuss them in class. Do the work. Written homework must be done neatly done, in pencil, and must meet the following criteria:

- Your name, homework section and problem numbers on the top of your paper.
- If multiple pages, staple in the upper left corner.
- Begin each problem with the original problem (except story problems), show appropriate work, and the answer should be at the end of each problem. Work down the page.
- With story problems be sure to begin with assigning variables or a picture, and answer should be written in a complete sentence.
- Graphs are to be done on graph paper.

Your grade on written homework will be based upon whether it looks like you did all the problems, whether you followed the guidelines given above, and whether you used notation properly as illustrated in your text and in class. Please check your solution to odd problems in the text. The written problems will each be worth 5 points. Each online assignment is also worth 5 points but is based on whether you get the problems correct. Late homework will NOT be accepted after the turn-in date.

Quizzes: We will have what are more or less weekly quizzes. The quizzes will usually cover material we have covered that week. Some will be take-home quizzes. You may or may not be able to use your reference book on them. I will notify you in advance whether your reference book will be allowed.

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Quiz points count as exam points. Do not miss them.

Exams: We will have at least one midterm exam and a final exam. DO NOT MISS any of the exams! There will be no make-up exams. Again, do not miss them.

Course Grading Scale:

Homework	20%
Exams/Quizzes	80%

Letter Grades:

A	90-100%
B	80-89%
C	70-79%
D	60-69%
F	0-59%

Mathematics Department Policy Regarding “Faculty Withdrawal” of Students after Census Day:

Students absent from class equivalent to two weeks of class may be withdrawn from the course. Extenuating circumstances must be communicated to the instructor in a timely manner.

Participation in the course is mandatory. Therefore, students accumulating 6 nonparticipation days may be withdrawn from the course.

The following count towards nonparticipation days:

- Not bringing your calculator to class. This will begin day two of class. Get a calculator immediately.
- Missing quizzes.
- Missing exams.
- Not doing homework.
- Not handing in homework.
- Texting in class.
- Disrupting class with side conversations.
- Coming to class unprepared.
- Not keeping up with the class.
- Other criteria?

This “faculty withdrawal” can occur between WEEK 4 and WEEK 10 of the semester.

Cell Phone and Texting Policy: Texting and cell phone usage during class will warrant immediate dismissal from class. Class time is precious, therefore texting and cell phone usage during class will be considered disruptive behavior.

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This information is subject to change depending on class circumstances.

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.