

Syllabus for Math-194-E1552		
Semester & Year	Summer 2016	
Course ID and Section #	Math-194-E1552	
Instructor's Name	Mr. Jon Pace	
Day/Time	M – TH @ 11:00AM – 12:35PM	
Location	SC 202	
Number of Credits/Units	4 units	
Contact Information	<i>Office hours</i>	M – TH 1:00 – 3:00PM in Math Lab in Library
	<i>Email address</i>	jonathan-pace@redwoods.edu or via Canvas
Textbook Information	<i>Title & Edition</i>	Intermediate Algebra: Functions and Authentic Applications, 4 th Edition. Free on our mymathlab site
	<i>Author</i>	Jay Lehmann
	<i>ISBN</i>	978-0-321-62095-8
<p>Course Description (catalog description as described in course outline):</p> <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, 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.</p> <p><i>Note: Computer use with spreadsheet software (Excel) is a necessary part of the course. A graphing calculator is required; TI-83 or TI-84 recommended.</i></p> <p><i>This course meets the prerequisite for MATH-5 and MATH 15, and does not meet the prerequisite for MATH-25 or MATH-30.</i></p>		
<p>Student Learning Outcomes (as described in course outline) :</p> <ol style="list-style-type: none"> 1. Apply mathematics to real-world problems and applications, with an emphasis on social sciences. 2. Use graphing calculators to explore mathematical concepts and to verify work. 3. Demonstrate competency in required prerequisite skills for transfer-level math courses 		

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in statistics and business calculus.

4. 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.
5. Use problem-solving skills, including a multi-step problem-solving process.

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 DSPTS 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 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

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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 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.

*** I reserve the right to change this syllabus as I see fit.**

Required Text and Materials

- 1) Online Materials <http://www.mymathlab.com>
- 2) TI-83/84 Graphing Calculator.
 - You may rent one for \$15 from Betsy Buchanan in the math lab.
 - Wabbitemu app from the App Store (iPhone) or Play Store (Droids).

Homework

Homework will be posted on our MyMathLab site throughout the semester. There will also be periodic written homework with instructions and due date provide at the time it is assigned. Written homework should be neatly done in pencil and meet the following guidelines:

- Your name, homework section and problem numbers in the top-right corner of your paper.
- If multiple pages, **stapled** (*and only a staple!*) in the upper-left corner.
- Remove any frillies from the left edge of paper taken out of a note book.
- Begin each problem with the original problem (except story problems), show appropriate work, and the answer should be at the end of each problem and boxed. Work down the page lining up the “=” signs.
- With story problems, you must define your variable in words, include picture if relevant, and answers should be written in a complete sentence.
- Graphs made by hand (not sketched from calculator) need to be done on graph paper.

No late homework will be accepted.

Quizzes

Weekly Mymathlab Quizzes: An online quiz will also be assigned each week. You will have 5 attempts for each online quiz.

Exams

There will be 4 exams each worth 10% of your grade and a final exam worth 15% of your grade. I will post a practice exam prior to each exam.

Final Exam: Thursday, July 28th from 11:00AM – 1:00PM

Course Grading Scale

Written Homework	10%
Online Homework	20%
Weekly Quizzes	15%
Semester Exams	40%
Final Exam	15%

Letter Grades:

A	93 - 100%	C+	77 - 79%
A-	90 - 92%	C	70 - 76%
B+	87 - 89%	D	60 - 69%
B	83 - 86%	F	0 - 59%
B-	80 - 82%		

Mathematics Department Policy Regarding "Faculty Withdrawal" of Students after Census Day

It is the policy of the College of the Redwoods Math Department to exercise a "Faculty Withdrawal" for any student who has missed more than 15% of the class meeting time (prior to the drop deadline), due to the severely diminished likelihood of a successful outcome in the course. It is important to note that, if it is the student's intention to withdraw from the course, the responsibility remains with the student to ensure the proper paperwork has been filed – that is, students are not to assume the teacher will file the "Withdrawal" automatically.

Classroom Environment

It is essential to our class that both students and teacher behave in a manner that will provide a comfortable learning atmosphere. Be respectful of one another. Any rude or derogatory comments will be dealt with quickly and severely. We are all adults and an open, comfortable environment is crucial for learning. Therefore, you should not hesitate to ask any questions or feel embarrassed to ask any question or seek for help. **Turn off cell phones before entering the classroom.**

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**Math 194, Summer 2016
Course Schedule**

DATE	SECTIONS	HOMEWORK
Week #1		
5/23/16	Class intro, 1.1	Section 1.1: 37 Section 1.2: 93 Section 1.3: 65 Section 1.4: 65 Section 1.5: 85 Section 1.6: 49 Due Tuesday, May 31st
5/24/16	1.2, 1.3	
5/25/16	1.4, 1.5	
5/26/16	1.6	
Week #2		
5/30/16	Memorial Day	Handout Due Monday, June 6th
5/31/16	2.1, 2.2	
6/01/16	2.2, 2.3	
6/02/16	2.3, 2.4	
Week #3		
6/06/16	3.1, 3.2	Section 3.1: 41 Section 3.2: 95 Section 3.3: 18 Section 3.4: 31 Section 3.5: 47 Due Monday, June 13th
6/07/16	3.2	
6/08/16	3.3, 3.4	
6/09/16	3.4, 3.5	

DATE	SECTIONS	HOMEWORK
Week #4		
6/13/16	Exam 1 Review	Section 4.1: 107 Section 4.2: 72 Section 4.3: 94 Section 4.5: 46 Due Monday, June 20th
6/14/16	Exam 1	
6/15/16	4.1, 4.2	
6/16/16	4.2, 4.3	

Week #5		
6/20/16	4.5	Section 4.5: 46 Section 5.1: 86 Section 5.2: 80 Section 5.3: 32 Due Monday, June 27th
6/21/16	5.1	
6/22/16	5.2	
6/23/16	5.3	

Week #6		
6/27/16	5.4, 5.5	Section 5.4: 32 Section 5.6: 70 Due Friday, June 30th
6/28/16	5.6	
6/29/16	Exam 2 review	
6/30/16	Exam 2	

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DATE	SECTIONS	HOMEWORK
Week #7		
7/04/16	Forth of July!	Section 6.2: 95 Section 7.1: 36 Section 7.2: 58 Due Monday, July 13th
7/05/16	6.1, 6.2	
7/06/16	6.3	
7/07/16	7.1, 7.2	
Week #8		
7/11/16	7.3, 7.5	Section 7.3: 72 Section 7.5: 76 Section 7.8: 21 Due Monday, July 20th
7/12/16	7.5, 7.6	
7/13/16	7.7	
7/14/16	7.8	
Week #9		
7/18/16	9.1, 9.2	No Written Homework this week!
7/19/16	9.2, 9.3	
7/20/16	9.3, 9.4	
7/21/16	9.4, 9.5	

DATE	SECTIONS	HOMEWORK
Week #10		
7/25/16	Exam 4 review	
7/26/16	Exam 4	
7/27/16	Final Exam Review	
7/28/16	Final Exam	

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