Math – 194 – E8591
Intermediate Algebra for Business Fields

Semester & Year:	Summer 2015
Course ID and Section Number:	MATH-194-E8591
Number of Credits/Units:	4 UNITS
Day/Time:	M – TH 1:15 – 2:50PM
Location:	SC 206
Instructor's Name:	Mr. Jon Pace
Contact Information:	Office hours: Daily, 8:30 – 10:45 in the math lab Email: jonothan-pace@redwoods.edu or via Canvas

Course Description (catalog description as described in course outline):

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.

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.

This course meets the prerequisite for MATH-5 and MATH 15, and does not meet the prerequisite for MATH-25 or MATH-30.

Student Learning Outcomes (as described in course outline) :

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 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 DSPS.

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 is available on the College of the Redwoods website at:
http://redwoods.edu/District/Board/New/Chapter5/AP%205500%20Conduct%20Code%20final%2002-07-2012.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 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.

College of the Redwoods Emergence Preparedness Plan:
http://inside.redwoods.edu/safety/documents/EmergencyPreparedness-EntirePlan1-4-2013.pdf

During an evacuation:

·   Be aware of all marked exits from your area and building. Know the routes from your work area to the nearest exits.

·   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. (Be aware CR's lower parking lot and 101 frontage are within the Tsunami Zone).

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

Required Text and Materials

1) Intermediate Algebra Functions and Authentic Applications, Custom Edition with MyMathLab , Author: Jay Lehmann

2) Online Materials http://www.mymathlab.com

3) TI-83/84 Graphing Calculator. You may rent one for $20 from the Math Department.

4) Pencils, erasers, stapler, 8.5X11 paper, graph paper, ruler.

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** in the upper-left corner. (**NO PAPER CLIPS OR FOLDED EDGES**!)
- 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.

Weekly 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 a week prior to each exam.

Final Exam: Thursday, July 30th from 1:15 – 3:15pm

Course Grading Scale

Written Homework	5%
Online Homework	20%
Weekly Quizzes	20%
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 2015
Course Schedule

DATE	SECTIONS	HOMEWORK
Week #1		
5/26/15	**Class intro, 1.1, 1.2**	**Section 1.1: 37**
		Section 1.2: 93
5/27/15	**1.3, 1.4**	**Section 1.3: 65**
		Section 1.4: 65
5/28/15	**1.5**	**Section 1.5: 85**
		Due Monday, June 1st
Week #2		
6/01/15	**1.6**	**Section 1.6: 49**
		Section 2.1: 8
		(see directions on Canvas)
6/02/15	**2.1**	**Section 2.2: 26**
		(see directions on Canvas)
6/03/15	**2.2**	**Section 2.3: 86**
		Section 2.4: 32
6/04/15	**2.3, 2.4**	**Due Monday, June 8th**
Week #3		
6/08/15	**3.1, 3.2**	**Section 3.1: 41**
		Section 3.2: 95
6/09/15	**3.2**	**Section 3.3: 18**
		Section 3.4: 31
6/10/15	**3.3, 3.4**	**Section 3.5: 47**
		Due Monday, June 15th
6/11/15	**3.5** **Exam 1 review**	
Week #4		
6/15/15	**Exam 1**	**Section 4.1: 107**
		Section 4.2: 72
6/16/15	**4.1, 4.2**	**Section 4.3: 94**
		Section 4.5: 46
6/17/15	**4.2, 4.3**	**Due Monday, June 22nd**

DATE	SECTIONS	HOMEWORK
6/18/15	4.5	
Week #5		
6/22/15	5.1	Section 5.1: 86 Section 5.2: 80 Section 5.4: 32 **Due Monday, June 29th**
6/23/15	5.2	
6/24/15	5.3	
6/25/15	5.4	
Week #6		
6/29/15	5.5, 5.6	Section 5.6: 70 Section 6.1: 77 **Due Monday, July 6th**
6/30/15	Exam 2 review	
7/01/15	**Exam 2**	
7/02/15	6.1, 6.2	
Week #7		
7/06/15	6.2, 6.3	Section 6.2: 95 Section 7.1: 36 Section 7.2: 58 Section 7.3: 72 Section 7.8: 21 **Due Monday, July 13th**
7/07/15	7.1, 7.2	
7/08/15	7.3, 7.5	
7/09/15	7.6, 7.8	
Week #8		
7/13/15	**Exam 3**	

DATE	SECTIONS	HOMEWORK
7/14/15	8.1, 8.2	**No written homework this week**
7/15/15	8.2, 8.3	
7/16/15	8.5, 8.7	
Week #9		
7/20/15	9.1, 9.2	**No written homework this week**
7/21/15	9.2, 9.3	
7/22/15	9.3, 9.4	
7/23/15	9.4, 9.5	
Week #10		
7/27/15	Exam 4 review	
7/28/15	**Exam 4**	
7/29/15	Final Exam Review	
7/30/15	**Final Exam**	

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

MyLab & Mastering
Student Registration Instructions

To register for **MATH-194-E8591: Int Alg for Soc Sci, Business**:

1. Go to pearsonmylabandmastering.com.

2. Under Register, click **Student**.

3. Enter your instructor's course ID: pace07363, and click **Continue**.

4. Sign in with an existing Pearson account or create an account:

   · If you have used a Pearson website (for example, MyITLab, Mastering, MyMathLab, or MyPsychLab), enter your Pearson username and password. Click **Sign in**.
   · If you do not have a Pearson account, click **Create**. Write down your new Pearson username and password to help you remember them.

5. Select an option to access your instructor's online course:

   · Use the access code that came with your textbook or that you purchased separately from the bookstore.
   · Buy access using a credit card or PayPal.
   · If available, get 14 days of temporary access. (Look for a link near the bottom of the page.)

6. Click **Go To Your Course** on the Confirmation page. Under MyLab & Mastering New Design on the left, click **MATH-194-E8591: Int Alg for Soc Sci, Business** to start your work.

Retaking or continuing a course?

If you are retaking this course or enrolling in another course with the same book, be sure to use your existing Pearson username and password. You will not need to pay again.

To sign in later:

1. Go to pearsonmylabandmastering.com.

2. Click **Sign in**.

3. Enter your Pearson account username and password. Click **Sign in**.

4. Under MyLab & Mastering New Design on the left, click **MATH-194-E8591: Int Alg for Soc Sci, Business** to start your work.

Additional Information

See **Students** > **Get Started** on the website for detailed instructions on registering with an access code, credit card, PayPal, or temporary access.