Math – 194 – E5150
Intermediate Algebra for Business Fields

Semester & Year:	Spring 2014
Course ID and Section Number:	MATH-194-E5150
Number of Credits/Units:	4 UNITS
Day/Time:	T TH 6:05 – 8:10 PM
Location:	SC 210
Instructor's Name:	Mr. Jon Pace
Contact Information:	Office hours: TBD Email: jonothan-pace@redwoods.edu or via MyCr

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

*   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

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 be both online homework and written homework for most sections. Homework will be due every Tuesday for the sections covered the previous week. 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.

Your homework turned in will be graded on neatness, completeness, and correctness and is worth 10 points. Please check your solution to odd problems in the text. Each online assignment is worth 1 point for each problem and each problem may be attempted 5 times.   **Late homework will NOT be accepted after the due date.**

Weekly Quizzes

 A short quiz will be given each Thursday on non-exam weeks. They will be at the beginning of class and cannot be made up due to lateness or absence. 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. The grade you receive on the final will replace the lowest grade you received on the 4 semester exams provide it is a higher grade.

Final Exam: Tuesday, May 13th from 5:30 – 7:30 PM

Course Grading Scale

Written Homework	10%
Online Homework	15%
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**.

Canceled Class Line: 476-4219 Option 5

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