Syllabus for: **Math 194 Intermediate Algebra for Soc. Sci. and Business**	
Semester & Year:	Spring 2015
Course ID and Section Number:	MATH-194-K5549
Number of Credits/Units:	4
Day/Time: **Location:**	Tuesday Thursday 6:15-8:20pm HTEC Computer Lab
Instructor's Name:	Danny Ammon
Contact Information:	Office location and hours: HTEC Computer Lab TueTh 5:10-6:10 Email: danny-ammon@redwoods.edu

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. Linear, quadratic, polynomial, rational, radical, exponential, and logarithmic equations and functions are explored. Technology is integrated into all aspects of the course.

Student Learning Outcomes (as described in course outline) :
1. Evaluate and interpret general functions symbolically, numerically, and graphically.
2. Produce an accurate graph of each function type introduced in the course, identifying and plotting all salient features.
3. Demonstrate appropriate use of technology in analyzing the behavior of functions presented in the course.
4. Use mathematical models to analyze and interpret real-world situations.
5. Use sound mathematical writing and appropriate use of symbolism in presenting solutions of mathematical exercises and applications.

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 accommodations document to me as promptly as possible so that necessary arrangements can 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.

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 will receive a zero the first time and the second time 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.

MATH 194
Intermediate Algebra for Social Sciences and Business

Spring 2015
HTEC Computer Lab TTh 6:15pm - 8:20pm

Instructor: Danny Ammon Email: danny-ammon@redwoods.edu
Office Hours: TTh 5:10pm - 6:10pm at HTEC ComputerLab

Cell Phones
Keep them on silent (or off) and put away for the duration of class. You should not answer a call or make a call in the classroom. You should step outside of the class to do phone calls if necessary.

Prerequisite
Math 380 with a grade of C or better or appropriate score on the assessment test.

Course Description:
This is a course in which functions are investigated graphically, numerically, symbolically and verbally in real world settings. Linear, quadratic, polynomial, rational, radical, exponential, and logarithmic equations and functions are explored. Technology is integrated into all aspects of the course.

Course Objectives
1. Evaluate and interpret general functions symbolically, numerically, and graphically.
2. Produce an accurate graph of each function type introduced in the course, identifying and plotting all salient features.
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Textbook
Intermediate Albebra: Functions and Authentic Applications, 5th Edition by Jay Lehmann
The ISBN-13 for the Student Edition: 978-0-321-86819-0
The ISBN-10 for the Student Edition: 0-321-86819-6
Online materials: http://www.mymathlab.com. Course ID# ammon49986
MyMathLab course name: Math 194 - Ammon - 2015 - CR

Calculators
You will need a graphing calculator; I recommend a TI-83+ or TI-84+. Cell phones may be used as a calculator, but they are not as powerful or useful as a graphing calculator. I will do instruction on how to use your graphing calculator to solve problems. The book also gives instruction on how to use the TI-83+ to solve problems. Graphing calculators can be borrowed for a deposit (see Carla Pirovano) and returned at the end of the semester. Some homework and tests will require a graphing calculator and your cell phone calculator will not be powerful enough.
Calculator tutorial at: http://online.redwoods.edu/INSTRUCT/KIYOKOYA/TIHelp/index.htm

Grading

Homework 25%	90 - 100% A
Exams 45%	80 - 89% B
Participation 10%	70 - 79% C
Final Exam 20%	60 - 69% D
	Below 60% F

Homework

All work in homework is a worthwhile investment. You are encouraged to work together on your homework assignments. Homework will be accepted late, but the class moves fast and is easy to get behind and be overwhelmed. Late homework may be given reduced credit. Most homework assignments can be completed either online or be written. If you choose to do the online homework, there are many resources available to assist you.

Exams

There will be four exams during the semester. All exams are individual and written. Be sure to bring a sharp pencil, your graphing calculator and your textbook.

Attendance

Attendance is very important to your overall understanding of the concepts presented in this course. You should attend all class sessions, arriving on time and leaving after the class has ended. I encourage participation and welcome all questions. If you must miss class, check with fellow students to see what you missed.

Cheating

Cheating is a very serious offense and will result in a zero on the assignment/exam the first time, and an F in the class for a second offense. Please don't do it. Working together on homework assignments is a good thing and encouraged. Copying somebody else's homework is plagiarism/cheating and is not helpful or acceptable. Working together on homework assignments requires conversations to collaborate. Cell phones will not be allowed on any test or the final exam.

Other

Please turn off and remove all portable audio systems before entering class. Please be respectful of your fellow classmates; refrain from using foul, crude, or disrespectful language in the classroom. This syllabus can be changed by me at any time