Syllabus for Math 194 Intermediate Algebra for Soc. Sci. and Business – Klamath Trinity Instructional Site		
Semester & Year	Spring 2016	
Course ID and Section #	MATH194-K9646	
Instructor's Name	Danny Ammon	
Day/Time	Tuesdays, Thursdays 630:835 pm	
Location	HTEC Computer Lab	
Number of Credits/Units	4	
Contact Information	*Office location*	HTEC Computer Lab
	Office hours	Tuesdays, Thursdays 5:25-6:25 pm
	Email address	danny-ammon@redwoods.edu
Textbook Information	*Title & Edition*	Intermediate Algebra: Functions and Authentic Applications, 5th Edition (this book is online through MyMathLab required) (the physical text may be purchased, but not required)
	Author	Jay Lehmann
	ISBN	ISBN-10#032119991X (MyMathLab text)

Course Description

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

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 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

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.

MATH 194
Intermediate Algebra for Social Sciences and Business

Spring 2016
HTEC Computer Lab TTh 6:30pm - 8:35pm
Instructor: Danny Ammon
Email: danny-ammon@redwoods.edu
Office Hours: TTh 5:25pm - 6:25pm 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.
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.

Textbook
Required: Intermediate Algebra: Functions and Authentic Applications, 5th Edition by Jay Lehmann, ISBN-10#032119991X (MyMathLab text)
Optional: : Intermediate Algebra: Functions and Authentic Applications, 5th Edition by Jay Lehmann, ISBN-10#0321868196 (physical text)

Online materials: http://www.mymathlab.com. Course ID# ammon03935

MyMathLab course name: Math 194 - CR - Ammon - Spring 2016

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 Sid Am) 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. Homework assignments will be completed either online using MyMathLab. There are many resources online available to assist you.

Exams
There will be two exams (in addition to the Final Exam) 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.