

Syllabus for Math 194 Intermediate Algebra for Soc. Sci. and Business – Klamath Trinity Instructional Site		
Semester & Year	Spring 2017	
Course ID and Section #	Math 194 – K1095	
Instructor's Name	Daniel Ammon	
Day/Time	Tuesdays Thursdays 7:10-9:15 pm	
Location	HTEC Room 1	
Number of Credits/Units	4	
Contact Information	<i>Office location</i>	HTEC Room 1
	<i>Office hours</i>	Tuesdays Thursdays 6:00-7:00 pm
	<i>Phone number</i>	530-625-5600 x1034
	<i>Email address</i>	danny-ammon@redwoods.edu
Textbook Information	<i>Title & Edition</i>	Intermediate Algebra: Functions and Authentic Applications, 5th Edition
	<i>Author</i>	Jay Lehmann
	<i>ISBN</i>	ISBN-10#0321868196 (physical text) ONLY
Course Description		
<p>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.</p>		
Student Learning Outcomes		
<ol style="list-style-type: none"> 1. Apply mathematics to real-world problems and applications with an emphasis on social sciences and business. 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		
<p>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 530-625-4821 Ext 23.</p>		
Academic Support		
<p>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. Contact the CR KT Office for specific information at (530) 625-4821.</p>		

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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 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: <http://www.redwoods.edu/board/Board-Policies/Chapter-5-Student-Services>. 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; 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 the Chief Student Services Officer or designee. The Student Code of Conduct (AP 5500) is available on the College of the Redwoods website at: <http://www.redwoods.edu/board/Board-Policies/Chapter-5-Student-Services>.

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 Klamath Trinity Instructional Site:

Please review the responsibilities of, and procedures used by, the College of the Redwoods, Klamath-Trinity Instructional Site (KTIS) to communicate to faculty, staff, students and the general public during an emergency. It is the responsibility of College of the Redwoods, Klamath-Trinity Instructional Site (KTIS) to protect life and property from the effects of emergency situations within its own jurisdiction.

1. In the event of an emergency, communication shall be the responsibility of the district employees on scene.
 - a. Dial 911, to notify local agency support such as law enforcement or fire services.
 - b. If safe to do so, notify key administrators, departments, and personnel.
 - c. If safe to do so, personnel shall relay threat information, warnings, to ensure the school community is notified.
 - d. Contact Jolene Gates 530-625-4821 to notify of situation.
 - e. Contact Hoopa Tribal Education Administration office 530-625-4413
 - f. Notify Public Safety 707-476-4111.

2. In the event of an emergency, the responsible district employee on scene will:
 - a. Follow established procedures for the specific emergency as outlined in the College of the Redwoods Emergency Procedure Booklet.
 - b. Lock all doors and turn off lights if in lockdown due to an active shooter or similar

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- emergency.
- c. Close all window curtains.
 - d. Get all inside to safe location Kitchen area is best internal location.
 - e. If a police officer or higher official arrives, they will assume command..
 - f. Wait until notice of all is clear before unlocking doors.
 - g. If safe to do so, move to the nearest evacuation point outside building (Pooky's Park), directly behind the Hoopa Tribal Education Building.
 - h. Do not leave site, unless it has been deemed safe by the person in command.

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.

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#0321868196 (physical text)

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 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.

Grading				
Homework	15%	90 - 100%	A	
Exams	40%	80 - 89%	B	
Participation	20%	70 - 79%	C	
Final Exam	25%	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 is worth 5 points each. Every class we will get a new homework assignment. This homework is due at the next class. Sometimes students are not able to complete their homework on time for a good reason. Everybody gets an automatic one week extension on all homework without loss of credit. Additionally, homework will be accepted one week after that, but will be given reduced credit (1 point = 20%).

Exams

There will be two exams (in addition to the Final Exam) during the semester. These exams are individual and written. Be sure to bring a sharp pencil, your graphing calculator, old homework, your notes 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. Also let me know through email or canvas that you will be missing class.

Cheating

Cheating is a very serious offense and will result in a zero on the assignment/exam. 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. Use of online websites that provide answers/solutions to problems is considered cheating.

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.