

Intermediate Algebra – Eureka Campus		
<b>Semester &amp; Year</b>	Fall 2017	
<b>Course ID and Section #</b>	Math-120	043127
<b>Instructor's Name</b>	Tony Luehrs	
<b>Day/Time</b>	MTW 8:30am-9:45am	
<b>Location</b>	SC210	
<b>Number of Credits</b>	4	
<b>Contact Information</b>	<i>Office location</i>	SC216E
	<i>Office hours</i>	M: 10-11am T: 2-2:50pm W: 5-6pm
	<i>Phone number</i>	707-476-4531
	<i>Email address</i>	<a href="mailto:anthony-luehrs@redwoods.edu">anthony-luehrs@redwoods.edu</a>
<b>Textbook Information</b>	<i>Title &amp; Edition</i>	Intermediate Algebra Text Parts 1 & 2
	<i>Author</i>	College of the Redwoods Dept. of Mathematics
	<i>ISBN</i>	None
<b>Course Description</b>		
<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> <p>Use of graphing software required, TI-83 or TI-84 graphing calculator recommended.</p>		
<b>Student Learning Outcomes</b>		
<ol style="list-style-type: none"> <li>1. Evaluate and interpret general functions symbolically, numerically, and graphically.</li> <li>2. Produce an accurate graph of each function type introduced in the course, identifying and plotting all salient features.</li> <li>3. Demonstrate appropriate use of technology in analyzing the behavior of functions presented in the course.</li> <li>4. Use mathematical models to analyze and interpret real-world situations.</li> <li>5. Use sound mathematical writing and appropriate use of symbolism in presenting solutions of mathematical exercises and applications.</li> </ol>		
<b>Special Accommodations</b>		
<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 <a href="#">Disabled Students Programs and Services</a>. Students may make requests for alternative media by contacting DSPS at 707-476-4280.</p>		
<b>Academic Support</b>		
<p>Academic support is available at <a href="#">Counseling and Advising</a> and includes academic advising and educational planning, <a href="#">Academic Support Center</a> for tutoring and proctored tests, and <a href="#">Extended Opportunity Programs &amp; Services</a>, for eligible students, with advising, assistance, tutoring, and more.</p>		
<b>Academic Honesty</b>		
<p>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</p>		

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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: <http://www.redwoods.edu/board/Board-Policies/Chapter-5-Student-Services>, and scroll to AP 5500. 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: <http://www.redwoods.edu/board/Board-Policies/Chapter-5-Student-Services> and scroll to AP 5500. 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 Eureka campus:**

Please review the campus evacuation sites, including the closest site to this classroom (posted by the exit of each room). The Eureka **campus emergency map** is available at: (<http://www.redwoods.edu/aboutcr/Eureka-Map>; choose the evacuation map option). For more information on Public Safety, go to <http://www.redwoods.edu/publicsafety>. In an emergency that requires an evacuation of the building:

- Be aware of all marked exits from your area and building.
- 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. (CR's lower parking lot and Tompkins Hill Rd are within the Tsunami Zone.)

**RAVE** – College of the Redwoods has implemented an emergency alert system. In the event of an emergency on campus you can receive an alert through your personal email and/or phones at your home, office, and cell. Registration is necessary in order to receive emergency alerts. Please go to <https://www.GetRave.com/login/Redwoods> and use the “Register” button on the top right portion of the registration page to create an account. During the registration process you can elect to add additional information, such as office phone, home phone, cell phone, and personal email. Please use your CR email address as your primary Registration Email. Your CR email address ends with “redwoods.edu.” Please contact Public Safety at 707-476-4112 or [security@redwoods.edu](mailto:security@redwoods.edu) if you have any questions.

*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.*

**Prerequisites:** A passing grade in Math-380 or an appropriate placement exam score.

**Technology:** A graphing calculator is **required** for this course. Calculators are available for loan through the library for 15\$ per semester.

**Homework:** Homework will be assigned daily, each assignment due the following class period. We will utilize the OptiMath online homework system for a majority of assignments this semester, but you should expect some non-online assignments as well.

**Quizzes:** Quizzes will be used to ensure retention of material and to give students practice in a test-like environment. Quizzes will be announced the class period before they occur, and I will typically give a list of sample problems from the textbook to be completed in preparation for the quiz. All quizzes will occur at the beginning of class and may not be made up once they've been returned. Overall quiz scores will be calculated by the total number of quiz points earned by the person with the most quiz points. (If, after 6 10-point quizzes, the best overall quiz grade in the class is 56/60, then all students quiz percentages are scored out of 56 points, not 60. This means that the student with the best quiz grade will always have a 100% for their quiz score.)

**Tests:** There will be a chapter test given for each textbook chapter (except chapter 1), with tests given in class with at least one week's notice, plus a comprehensive final exam. Make up tests will only be given under extreme and documented circumstances. The final exam may **NOT** be rescheduled. Our final exam date/time/location is determined by CR administration and can be found at the CR website.

**Attendance:** Attendance is required. I reserve the right to drop any student from the course who misses more than 4 course meetings. If you know you are going to miss a class, it is your responsibility to be in contact with me before class is missed. Quizzes may not be taken late.

**Grading:** I generally use the traditional grading scale (90-100 = A, etc.) but occasionally will grade on a curve. You must "pass" the final exam with a grade of 60% or greater to pass the course, regardless of the other components of your grade. Here are the components of your final grade:

Homework - 20%

Quizzes - 20%

Tests - 40%

Final Exam - 20%

**Updates:** I reserve the right to make changes to this syllabus as I see fit. All changes will be announced in class.