

Syllabus for Math 5: Contemporary Mathematics– Eureka Campus		
Semester & Year	Spring 2017	
Course ID and Section #	Math 5 E1144	
Instructor’s Name	W Levi Gill	
Day/Time	TTh 11:40-1:05PM	
Location	SC 202	
Number of Credits/Units	3	
Contact Information	<i>Office location</i>	SC 216G
	<i>Office hours</i>	MW 11:00AM – 1:00PM
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Textbook Information	<i>Title & Edition</i>	Math in Society Available FREE online: http://www.opentextbookstore.com/mathinsociety/ Available in print: Amazon , or CreateSpace
	<i>Author</i>	David Lippman
	<i>ISBN</i>	978-1479276530 (13); 1479276537 (10)
Course Description		
<p>An approved CR and CSU General Education course designed primarily for non-science majors. This course is a study of selected topics from contemporary mathematics. Typical topics, which are chosen by the instructor, will be from areas including: inductive and deductive reasoning, mathematical modeling and analysis of linear and exponential functions, geometric symmetries, geometry of fractals, sequences and series, dynamics of population growth, statistics, mathematics of finance and management science, mathematics of methods of voting, fair division, and problem-solving techniques.</p>		
Student Learning Outcomes		
<ol style="list-style-type: none"> 1. Accurately communicate mathematical ideas using correct mathematical notation, graphs, and vocabulary. 2. Use of the graphing calculator or other technology to explore mathematical concepts and also to verify their quantitative conclusions. 3. Solve problems and applications demonstrating the skills required for college-level mathematics. 4. Examine the quantitative arguments on both sides of issues currently in the news. 5. Explain the concepts of mathematics of social choice, statistics, growth, symmetry, finance, and/or management science and use the concepts to solve problems in these fields. 		
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 707-476-4280.</p>		
Academic Support		
<p>Academic support is available at Counseling and Advising and includes academic advising and</p>		

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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: <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.

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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

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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 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.

Calculator

You are required to have a graphing calculator for this course. I recommend a TI-83 or TI-84. I will be using a TI-83 in class. The Math Department at College of the Redwoods has **rental calculators** for \$15, but there are only a limited number available.

Computer

You will need access to a reasonably current computer for the course.

Online Access via Canvas

This class will use Canvas extensively. You will want to familiarize yourself with that web environment. You are responsible for having access to a reliable high-speed broadband connection. If your internet connection dies and you are unable to submit an assignment, your work will be considered late (but see the late work forgiveness policy below).

Technical Support

Before contacting Technical Support please visit the [Online Support Page](#). For access issues with Canvas, Web Advisor or your mycr.redwoods.edu Email, contact Technical Support at its@redwoods.edu or call 707-476-4160 or 800-641-0400 ext. 4160 between 8:00 A.M. and 4:00 P.M., Monday through Friday.

What to Expect to do in this Course

Grade	Exams	Final Project	Homework	In-Class Work
For A (4pts)	At least 85% average.	The project is well crafted and completely addresses the topic	At least 95% of homework completed satisfactorily.	At least 95% completed satisfactorily.
For B (3pts)	At least 75% average.	The project, though not well crafted, does address the topic	At least 90% of homework completed satisfactorily.	At least 90% completed satisfactorily.
For C (2pts)	At least 65% average.	The project is well crafted but does not completely address the topic	At least 85% of homework completed satisfactorily.	At least 85% completed satisfactorily.
For D (see below)	At least 60% average.	The project is either not well crafted at all or it does not adequately address the topic	At least 80% of homework completed satisfactorily	At least 80% complete satisfactorily.

Important!!

- If **one** of the above categories falls below a C, you will receive a D in the class. If **two** of the above categories falls below a C, you will receive an F in the class.
- If you miss **two weeks** of work without instructor approval, you will be dropped from the course.

Homework

The homework will be checked to see that you have appropriately completed it. I will not be grading every problem. So it is up to you to check your answers in the back of the book, and to seek help when you are stuck.

Late Work and Late Passes

Because math is always building concept upon concept, you do not want to fall behind. However, due to the unpredictability of life, you are granted **5 late passes** that you can use at any time during the semester. I will not automatically assume that if something is late that you want to use a pass on it, so you need to email me to activate a pass.



Exams

There will be two midterm exams.

Final Project

There will be a final project that you will present the last week of class. We will discuss the content and requirements later. We will also create a rubric for grading it.

Extra Credit

If you read the book “Zero: The Biography of a Dangerous Idea” by Charles Seife and write a report on the book, I will raise one grade category by one grade. This cannot be used if the category is an F.

The book is 285 pages, so if you’re interested it’s better to start sooner than later.



Attendance

Your active and engaged participation is required for all assignments and discussion. There will be in class assignments that you can only complete if you attend the class.

Time expectations for the course

Getting “stuck” is part of the learning process, so you need to plan on that happening. I recommend making study groups and working together in the Math Lab.

Class Rules

Be respectful to your classmates and help provide a healthy environment for learning. Be polite in your interactions, timely in your responses. I expressly prohibit online aggression, harassment, bullying, etc., and treat such as a violation of the Student Code of Conduct. This includes correspondence through private email.

Class Resources

Math Lab

The mathematics department has a lab in the Library. There is both a for-credit and non-credit option. There will always be a math instructor and tutors available during the hours of operations. This is one of the best resources available to you!

ASC (Academic Support Center) Tutoring

Free one-on-one tutoring is available through the ASC (located in the same room as the Math Lab in the Library). It is by appointment, and it get's booked up fast. You can sign up one week in advance. If you are falling behind, or are having a particular hard time with a concept, you should consider this option.

Student Resources (student services links)

- Academic Support and testing center <http://www.redwoods.edu/Eureka/ASC/index.asp>
- Counseling Services: <http://www.redwoods.edu/eureka/counseling/services.asp>
- Distance Education: <http://www.redwoods.edu/departments/distance/>
- DSPS (Disabled Students Programs and Services): <http://www.redwoods.edu/district/dsps/>
- Library (including online databases): <http://www.redwoods.edu/eureka/library/>
- Orientation for online students: <http://www.redwoods.edu/orientation/>
- Student help and tutorials for using Canvas: <http://guides.instructure.com/m/8470>
- Support for online students
<http://www.redwoods.edu/departments/distance/StudentResources.asp>
- Veterans' Resource Center: <http://www.redwoods.edu/vets/>
- Math Lab: <http://www.redwoods.edu/departments/Mathematics/mathlab.asp>

Accessibility

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 contact [Disabled Students Programs and Services](#).

Feedback from the Instructor

What	Response Time
Email (on Canvas)	I will respond within 24 hours to emails Monday through Friday. I will respond within 48 hours on weekends. Emails sent after 7pm will be answered the next day at the earliest
Homework/Quizzes	Assignments are graded within 48 hours of the close of the week.
Exams	Exams will be graded within 14 days from the <u>moment I receive the last exam</u> from the proctors.

Census Week

Student who have not actively participated in class by the second week will be dropped on January 30. Non-participation includes missing classes and/or not doing assignments.

Student-initiated withdrawal

If you withdraw by Jan 27, you will be dropped without a 'W' and receive a refund. The last date to remove yourself from the course and not receive a letter grade is **3/31**. You will receive a 'W' on your transcript to indicate your withdrawal.

If you are considering withdrawing from the class, please contact me first! I want you to be successful in life and this may or may not include dropping the course.

Instructor-initiated withdrawal

Administrative procedure (AP) 5075 allows **instructors to withdraw students** from class for non-participation through the **10th** (March 31) week of class. Non-participation for two weeks of assignments may result in involuntary withdrawal. No course withdrawal is allowed after the 10th week of class.

Contesting a Grade

Students have one week from the time an assignment has been graded to contest the grade with the instructor; after that time the grade will stand. If for any reason you are not sure why you earned the grade you received, or if you unclear on the grading policies, please do not hesitate to contact me immediately. **Keep a copy of everything I return.**

Incomplete Grade

The professor makes the decision on whether to grant an incomplete opportunity based on individual student information. Incompletes will be considered only in *extenuating* circumstances and with the approval of the Dean. Incompletes are not an option to repair a low grade earned throughout the semester. A student must have already demonstrated significant and successful course progression to be considered for an incomplete.