	Syllabus for Math 5 Contemporary Math – Eureka Campus	
Semester & Year	Spring 2019	
Course ID and Section #	MATH-5-E6873	
Instructor's Name	Erin Wall	
Day/Time	MW 8:30am – 9:55am	
Location	SC 210	
Number of Credits/Units	3	
Contact Information	*Office location*	SC 216G
	Office hours	Tuesdays 2 – 3pm Others by appointment * Working in Math Lab Mondays 1:30 – 3:30pm
	Phone number	707-476-4351
	Email address	Erin-wall@redwoods.edu
Textbook Information	*Title & Edition*	Math in Society
	Author	David Lippman
	ISBN	Creative Commons – Available for free online

Course Description

An approved CR and CSU General Education math course for liberal arts students that provides social and historical context from the arts and sciences. Topics are chosen by the instructor and can include geometry, fractals, counting and probability, linear and exponential models, finance, statistics, voting methods and other contemporary topics of interest.

Student Learning Outcomes

1. Identifying the contributions of mathematicians throughout history and describe how those contributions affect mathematical thinking.
2. Evaluate the validity of a math based argument.
3. Relate mathematics to society by modeling real-world problems in fields such as social science, business, finance, art and science.

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: 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 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.

Other Required Materials

- 8.5" X 11" paper
- Pencils
- Erasers
- Scientific Calculator

Course Grading Scale

Class Activities	20%
Homework (Online and Written)	25%
Concept Quizzes	30%
Final Project	25%

Letter Grades will be assigned no stricter than the following:

A	90-100%
B	80-89%
C	70-79%
D	60-69%
F	0-59%

Class Time

Class time is for issues that concern the entire class. It is not the time to discuss your grade, homework questions, or any other individual matters. Send me an email, call me, or come by my office during office hours to discuss these kinds of issues.

Class Activities

Your presence and participation in class is essential for making this class successful. Your participation in activities and your questions inform me, and you, of whether you are gaining an understanding of the material. Your Class Activities grade will be based upon:

- Warm Ups/Practices (I will collect many but not all of these)
- Discussions and group work
- Larger Class Activities

In general these are worth 5 points each. Larger class activities may be worth 10 points. There is no way to do these ahead of time or make these activities up. You can accumulate points to offset these by sharing your work on the board when I seek volunteers in class.

Homework

There will be written and online homework (using MyOpenMath linked through Canvas) for this class. It will be posted as assigned on the Canvas site for this course, under the Assignment Link, throughout the semester. I will post assigned and due dates for each assignment as we cover the material. Homework is where you get to practice the mathematical concepts, reflect upon the impact of the mathematics we are studying on contemporary society, and reflect upon your own learning. All homework whether completed online or written on paper needs to be done neatly. Short answer/essay problems need to be answered in complete sentences.

There are two types of homework assignments:

1. Preparation assignments: these are reading or review assignments that prepare you for discussions and mathematical concepts we will be discussing or learning about in class. These will generally be worth 5 points each. I will be checking these at the start of class and they cannot be made up for any reason.
2. Practice/Reflection assignments: these are assignments where you practice and reflect on the mathematical concepts and discussions we have had in class. These will generally be worth 10 points each. I will accept these up to one-week late however they will be worth at most 7 points each.

Concept Quizzes

We will have a Concept Quiz at the end of each topic we cover to evaluate your understanding of the mathematics presented in that section. These will be announced in advanced and a study guide will be provided for them. Make-ups are given at my discretion. The earlier you contact me with regards to the potential or actual missing of a Concept Quiz increases your chances of being granted a make-up or us being able to arrange an alternative time to complete it. Once I return a Concept Quiz in class no make-ups will be granted.

Final Project

The theme of this class is "Math in Society" and I want the final project to reflect something that interests *you*.

Here are some ideas:

Essay

- An essay on a topic of the use of math in society (however it cannot be about something that was covered in class).
- An essay on a topic of the history or mathematics.
- A biographic essay on a mathematician (or mathematicians if there's a theme you want to explore).

Multimedia/Art

- You can make a video interview with someone regarding math applied in society, or make a

audio podcast. If you do this, the video/audio must be edited.
- You can create a piece of art exploring a theme of mathematics.

If you can think of something else you would like to do that intersects with your interest, then come talk to me. I'm pretty open so long as it requires some level of rigor and effort on your part. We will talk more about the final project during the semester.

The final project is due at the time of our scheduled final. There will be a chance for you to share your final project with your classmates. ***Do not plan on leaving town before our scheduled final time which is Monday May 13th 8:30am – 10:30am.***

Graded Papers

Papers I have graded and recorded will be brought to class. I will pass these back before class, during class work, and they will also be available for you to pick up at the end of class. Homework and class activities will usually be graded and recorded within 48 hours of the close of the week. Concept Quizzes I will have graded and recorded within 14 days from the moment I receive the last one from the proctors.

Email

I will respond within 24 hours to emails Monday through Friday and within 48 hours to emails on weekends/holidays.

Attendance/Participation Policies

Students who have not actively participated in class by the end of the second week will be dropped on February 4th. Non-participation includes missing classes and/or not doing assignments.

Administrative Procedure (AP) 5075 allows instructors to withdraw students from class for non-participation through the 10th week of classes (April 5th). Non-participation for two weeks of assignments may result in involuntary withdrawal.

Cell Phone Policy

Cell phones need to be turned off. If you must leave your cell phone on put it on vibrate in your pocket and sit next to the door. Be sure to quietly exit the classroom and move away from the door quickly before answering. If I decide that you did not answer your cell phone respectfully (this includes texting) or your phone rings out loud in class, I reserve the right to deduct points from your class activity points. If you bring treats for everyone to the next class period you are more likely to be forgiven with no penalty. Please do not text. Texting distracts you at the time but negatively impacts the learning environment for everyone around you as well, including myself.

I reserve the right to modify this syllabus.