

<b>Syllabus for Math 5 “Contemporary Mathematics”– Del Norte Education Center</b>		
<b>Semester &amp; Year</b>	Fall 2018	
<b>Course ID and Section #</b>	Math 5 (D6521)	
<b>Instructor’s Name</b>	W Levi Gill	
<b>Day/Time</b>	Tuesdays and Thursdays 12:30 – 1:55pm	
<b>Location</b>	DM 15	
<b>Number of Credits/Units</b>	3	
<b>Contact Information</b>	<i>Office location</i>	E2
	<i>Office hours</i>	By Appointment
	<i>Phone number</i>	707-465-2361
	<i>Email address</i>	levi-gill@redwoods.edu
<b>Textbook Information</b>	<i>Title &amp; Edition</i>	Math in Society
	<i>Author</i>	David Lippman
	<i>ISBN</i>	
<b>Course Description</b>		
<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>		
<b>Student Learning Outcomes</b>		
<ol style="list-style-type: none"> <li>1. Accurately communicate mathematical ideas using correct mathematical notation, graphs, and vocabulary.</li> <li>2. Use of the graphing calculator or other technology to explore mathematical concepts and also to verify their quantitative conclusions.</li> <li>3. Solve problems and applications demonstrating the skills required for college-level mathematics.</li> <li>4. Examine the quantitative arguments on both sides of issues currently in the news.</li> <li>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.</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 707-465-2352.</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>		

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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 Del Norte campus:

Please review the campus evacuation sites, including the closest site to this classroom (posted by the exit of each room). The Crescent City campus emergency map is available at (<http://www.redwoods.edu/delnorte/Maps-and-Directions; scroll down to the Safety Map>). For more information on Public Safety, go to <http://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 campus authorities.

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](http://redwoods.edu).” Please contact Public Safety, 707-476-4112, [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.*

### **Calculator**

You need a scientific calculator. For most uses, the calculator on your phone should work, but you cannot use the phone on a proctored exam.

### **Computer**

You will be asked to do research online, watch videos, and write papers. You will need access to a reasonably current computer for the course.

### **Canvas**

This class will use Canvas extensively for communication, posting assignments, and grades.

### **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](mailto: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.

### **STUDENT COMMUNICATION**

Because online communication is crucial in this classes, it is important that you consider doing the following:

- 1) Set up the Canvas webmail to forward all emails to your personal email. This works best if the email account you use is your primary email in your Canvas account.
- 2) Set up important class Notifications to be sent to your email.  
(see here: <https://community.canvaslms.com/docs/DOC-1286>)
- 3) Download the mobile Canvas app from your mobile app provider (iTunes, Google Play, etc).

## Grade

Exams	25%
Homework	50%
Final Project	25%

## Homework

The homework will be checked to see that you have appropriately completed everything. It is all or nothing. If you turn in part of the assignment, then you will not receive credit.

Keep your returned homework.

## 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.

If the late pass is used for a homework, you will be allowed to extend the submission to the next submission day. You may not use the pass for an exam.

## Exams

There will be one midterm exam and one final exam.

## 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 suggestions:

### Essays (Approximately 5 pages)

- 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 of somebody using math 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.

### **Attendance**

If you miss two weeks worth of classes without instructor approval, then you may be dropped from the 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.

### **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.