

## Syllabus for Math 5 Del Norte Education Center

<b>Semester &amp; Year</b>	Spring 2019	
<b>Course ID and Section #</b>	Math 5 D6299	
<b>Instructor's Name</b>	Molly Sherman	
<b>Day/Time</b>	WF 3:50-5:15pm	
<b>Location</b>	DM 15	
<b>Number of Credits/Units</b>	3 Units	
<b>Contact Information</b>	<i>Office location</i>	TBD
	<i>Office hours</i>	Fridays 2:50-3:50
	<i>Phone number</i>	(707)845-7778
	<i>Email address</i>	<a href="mailto:molly-sherman@redwoods.edu">molly-sherman@redwoods.edu</a>
<b>Textbook Information</b>	<i>Title &amp; Edition</i>	Math in Society
	<i>Author</i>	David Lippman
	<i>Free Online</i>	<a href="https://library.redwoods.edu/cgi-bin/koha/opac-detail.pl?biblionumber=308768">https://library.redwoods.edu/cgi-bin/koha/opac-detail.pl?biblionumber=308768</a> <a href="http://www.opentextbookstore.com/mathinsociety/">http://www.opentextbookstore.com/mathinsociety/</a>
<b>Course Description</b>		
<p>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.</p> <p>NOTE: <i>Math 5 is appropriate for any student majoring in the Liberal Arts or Career Technical fields that do not require advanced mathematics. Math-5 satisfies the CR math requirement for an Associate's degree and it transfers to fulfill the CSU GE math requirement. Prerequisite math courses are not required for a student to succeed in Math 5. However, a student without a math placement or placement level below intermediate algebra will need clearance, which can be given by any counselor or advisor, at the Academic Support Center, or through Admissions and Records office.</i></p>		

### **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 707-465-2352.

### **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 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>.

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### **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://www.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.*

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### **Attendance**

You need to plan attend every class meeting on time. If you have to miss class, make arrangements with a fellow student beforehand to get any notes or materials covered that day. Remember, you are responsible to learn the material for each class period, even if you can’t attend, but active class participation will contribute positively to your course grade, and increase your skill.

Check the course website on Canvas to keep up with class lecture materials if you are unable to attend. Attendance is taken at each meeting. Missing too many classes may cause you to be dropped from the course. *Do Not* assume that you’ll be dropped though.

If you are no longer attending class, login to WebAdvisor and withdraw from course, or visit or call the Registration Office at CR and tell them you are withdrawing from the class. That way, you will receive a W rather than a failing grade.

### **Required Textbook**

Math in society (2nd) / David Lippman.

<https://library.redwoods.edu/cgi-bin/koha/opac-detail.pl?biblionumber=308768>

<http://www.opentextbookstore.com/mathinsociety/>

The required textbook will be used for practice in class and as homework. A limited number of copies are also available on reserve at the front desk of the Library. Some can be checked out for the semester, and there are also 3 copies that can be checked out for a 1-hour reserve time in the Library.

### **Calculator/Technology**

- A scientific calculator is necessary for this course. Phones may be used in class, but not on exams. A graphing calculator package is optional for the course. Of these, the TI-83 Plus or TI-84 Plus are recommended. A limited number of graphing calculators are available for rent from the Math Dept. for the semester. The cost is \$15 for the semester, payable at the Cashier's Window in the Student Services Building. Prior to paying the rental fee, check in the Math Lab office, L101E, to make sure there are still calculators available. (They do rent out quickly.) Once you've paid the fee, bring your receipt to the Math Lab office, L101E, to rent your calculator.
- You must have access to the internet and a computer outside of class times for projects, etc. If you are comfortable with your personal technology feel free to bring laptops and such to lab days for projects. We will be using several applications that necessitate you have a Google account of your own.

### **Homework**

Homework assignments are assigned weekly, and are generally due every Wednesday by the end of class. Assignments could include bookwork, worksheets, and projects. 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.

### **Assessments/Exams**

There will be a mid-term exam and a comprehensive final exam, covering all course material. Other formative assessments will include several projects.

If you have special accommodations to take exams in the Testing Center, you will need to make an appointment with Testing Center staff to take the test. Their number is (707)476-4106. They are located in the Academic Support Center (next to the Math Lab) in the back of the Library/LRC.

### **Grading**

Homework.....	20%
Mid-Term Exam.....	20%
Final Exam.....	20%
Projects.....	40%

Letter grades will be based on the following weighted scores:

- 93-100% A
- 90-92.9% A-
- 87-89.9% B+
- 83-86.9% B
- 80-82.9% B-
- 77-79.9% C+
- 70-76.0% C

60-69.9% D  
Below 60% F

**Canvas**

Instructional materials, including links, will be located on the Canvas website for this course. You should log on to Canvas at least twice a week to check for important updates, announcements, course events, and grades.

**Getting Help**

There are free resources available for extra help. If you have questions, please get help! There are many options, first and foremost is signing up for Math Lab, which gives you access to the walk-in math assistance center located in the back of the Learning Resource Center. I will not be available after class time, without a prior appointment. You have a several options to choose from:

**One-on-one Tutoring:**

Any CR student can sign up to privately meet with a tutor for free. Contact the Academic Support Center ASC. (You do not need to be registered in Math Lab for this.)

**Tutors in special programs (for example at the Light Center):**

Other students – form study groups. You can contact classmates via discussion forums or email. Forming a study group with other students in your class is a great way to learn math. Helping each other is important, as when you verbalize the process, you really know whether you know it or not. That’s a lot of study!

~~~~~*This syllabus is subject to change.*~~~~~