

Course Information

Semester & Year: Spring 2020
Course ID & Section #: Math-5-E7578
Instructor's name: Erin Wall
Day/Time or *Online: TTH 10:05 - 11:30am
Location or *Online: SC 202
Number of units: 3

Instructor Contact Information

Office location or *Online: SC216G
Office hours: W 11– noon, TH 11:30 am – 12:30pm, and other by appointment
Math Lab hours: M 9-noon, T 11:30-noon, W 9-11am, and F 10-11am
Phone number: 707-476-4351
Email address: erin-wall@redwoods.edu

Required Materials

Textbook title: Math in Society
Edition: 2.5 released December 2017
Author: David Lippman
ISBN: Creative Commons – Available for free online
Other requirement: 8.5" x 11" paper, paper, erasers, scientific calculator (or Desmos Scientific App), access to computer (offered on campus)

Catalog Description

An introduction to mathematics for students not pursuing science, business, and math majors. Surveys selected topics with a focus on history, utility, and artistry to promote appreciation and critical understanding of the foundational importance of mathematics to contemporary society.

Course Student Learning Outcomes (*from course outline of record*)

1. Demonstrate critical thinking skills through analyzing mathematical ideas in the context of contemporary society.
2. Use mathematical skills and techniques when arguing a position on a contemporary issue.

Evaluation & Grading Policy

Course Grading Scale

| | |
|-------------------------------|-----|
| Class Activities | 25% |
| Homework (Online and Written) | 35% |
| Unit Projects | 40% |

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
- Discussions and group work
- Larger Class Activities

In general these are worth 5 points each. Larger class activities may be worth 10 points. I will assess participation in a variety of ways that will not always include collecting papers. 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 the next 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. Online homework will have a 30% penalty on exercises done after the due date and late written homework will be worth at most 7 points each.

Unit Projects

A Unit Project will be due at the completion of each unit we cover. See Tentative Calendar for due dates. The Unit Project will evaluate your understanding and ability to apply mathematics to contemporary issues. More information on each of these will be given at the start of each unit. Unit Projects received up to a week late will be assessed a 10% penalty. Unit projects over a week late can receive a grade of no more than 70%. Non-passing projects, except the last unit project, may be resubmitted once for at most 70%. No Unit Projects will be accepted after Friday May 15th.

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% |

Attendance/Participation Policies

Students who have not actively participated in class by the end of the second week will be dropped during the 3rd week. 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. Non-participation for two weeks of assignments may result in involuntary withdrawal.

Student Feedback Policy

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. On time Unit Projects will usually be graded and recorded within 14 days of the due date.

Email

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

Gender-Inclusive Language in the Classroom

College of the Redwoods aspires to create a learning environment in which all people feel comfortable in contributing their perspectives to classroom discussions. It therefore encourages instructors and students to use language that is gender-inclusive and non-sexist to affirm and respect how people describe, express, and experience their gender. Just as sexist language excludes women's experiences, non-gender-inclusive language excludes the experiences of individuals whose identities may not fit the gender binary, and/or who may not identify with the sex they were assigned at birth. Gender-inclusive/non-sexist language acknowledges people of any gender (for example, first year student versus freshman, humankind versus mankind, etc.), affirms non-binary gender identifications, and recognizes the difference between biological sex and gender expression.

Students have the ability to have an alternate first name and pronouns to appear in Canvas. Contact [Admissions & Records](#) to request a change to your preferred first name and pronoun. Your Preferred Name will only be listed in Canvas. It does not change your legal name in our records. See the [Student Information Update form](#).

Special Accommodations Statement

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 accommodations, please see me or contact [Disability Services and Programs for Students](#). Students may make requests for alternative media by contacting DSPS based on their campus location:

- Eureka: 707-476-4280, student services building, 1st floor
- Del Norte: 707-465-2324, main building near library
- Klamath-Trinity: 530-625-4821 Ext 103

Academic dishonesty

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. 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 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, the student 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. 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](#).

Tentative Calendar

| Week # | Mon | Tuesday | Wed | Thursday | Fri |
|----------------|--------------------------------|--|--------|---|-------------------------------------|
| 1 | Jan 20 MLK Day Holiday | Jan 21 Introduction | Jan 22 | Jan 23 Problem Solving | Jan 24 |
| 2 | Jan 27 | Jan 28 Problem Solving | Jan 29 | Jan 30 Problem Solving | Jan 31 |
| 3 | Feb 3 | Feb 4 Problem Solving Section 1.6 | Feb 5 | Feb 6 No Class | Feb 7 |
| 4 | Feb 10 | Feb 11 Problem Solving | Feb 12 | Feb 13 Problem Solving | Feb 14 Lincoln's Bday Holiday |
| 5 | Feb 17 Prez. Day Holiday | Feb 18 Problem Solving Project Due | Feb 19 | Feb 20 Voting | Feb 21 |
| 6 | Feb 24 | Feb 25 Voting | Feb 26 | Feb 27 No class (Outside Assignment) | Feb 28 |
| 7 | Mar 2 | Mar 3 Voting | Mar 4 | Mar 5 Voting | Mar 6 |
| 8 | Mar 9 | Mar 10 Voting | Mar 11 | Mar 12 Voting | Mar 13 |
| Break | Mar 16 | Mar 17 | Mar 18 | Mar 19 | Mar 20 |
| 9 | Mar 23 | Mar 24 Voting Project Due /Begin Finance Unit | Mar 25 | Mar 26 Finance | Mar 27 |
| 10 | Mar 30 | Mar 31 Finance | Apr 1 | Apr 2 Finance | Apr 3 |
| 11 | Apr 6 | Apr 7 Finance | Apr 8 | Apr 9 Finance | Apr 10 |
| 12 | Apr 13 | Apr 14 Finance | Apr 15 | Apr 16 Finance Project Due Begin Art & Fractals | Apr 17 |
| 13 | Apr 20 | Apr 21 Art & Fractals | Apr 22 | Apr 23 Art & Fractals | Apr 24 |
| 14 | Apr 27 | Apr 28 Art & Fractals | Apr 29 | Apr 30 Art & Fractals | May 1 |
| 15 | May 4 | May 5 Art & Fractals | May 6 | May 7 Art & Fractals | May 8 |
| FINALS WEEK | May 11 | May 12 | May 13 | May 14 Final Meeting 10:45am – 12:45pm Art & Fractals Project Due | May 15 |