Syllabus for Math 5 Contemporary Math – Eureka Campus		
Semester & Year	Fall 2018	
Course ID and Section #	MATH-5-E6572	
Instructor's Name	Erin Wall	
Day/Time	TTH 11:40am – 1:05pm	
Location	SC 202	
Number of Credits/Units	3	
Contact Information	*Office location*	SC 216G
	Office hours	Monday and Thursday 10:05 – 11:30am Others by appointment
	Phone number	707-476-4351
	Email address	Erin-wall@redwoods.edu
Textbook Information	*Title & Edition*	Using and Understanding Mathematics
	Author	Bennett and Briggs
	ISBN	978-0-321-45820-9 (available for semester check out from the Library)

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
- Graph Paper
- Pencils
- Erasers
- Ruler
- Graphing Calculator (TI-83 or TI-84 version preferred)
- Colored Pencils (recommended)
- Poster Board

Course Grading Scale

Homework	20%
Class Activities and Midterm Corrections	20%
Projects	30%
Midterm	15%
Final	15%

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. We will spend the first 10-15 minutes of class time on homework questions from the previous class meeting's assignment. If you have more than a question or two from the assignment you will want to get some help outside of class.

Homework

Homework 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 and receive feedback on using mathematical notation correctly and applying the concepts we learn about in class. Written homework should be neatly done in pencil and meet the following guidelines:

- Your name, homework section and problem numbers on the top of your paper.
- If multiple pages, staple in the upper left corner.

- Begin each problem with the original problem (except story problems), show appropriate work, and the answer should be at the end of each problem. Work down the page.
- With story problems be sure to begin with assigning variables or a picture, and your answer should be written in a complete sentence at the end.
- Graphs made by hand (not sketched from calculator) need to be done on graph paper.
- When answering short answer/essay questions use complete sentences.

Your grade will be based upon whether it looks like you did all the problems, checked your odd answers in the text, looks mostly correct, whether you followed the guidelines given above, and whether you used notation properly as illustrated in your text and in class. Each assignment is worth 10 points. Late homework will be accepted up to a week from when it is assigned for at most 7 points.

Class Activities and Midterm Corrections

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

- Warm Ups/Practices (I will collect many but not all of these)
- Online Survey/Questions regarding readings, videos, or other lecture preparations
- Short in class activities
- Larger Class Activities
- Midterm Corrections

All but, the larger activities and Midterm Corrections, are 5 points each. There is no way to do these ahead of time or make these activities up. You can accumulate points to offset these by answering one of the homework questions put up on the board by one of your fellow students or sharing your work on the board when I seek volunteers in class.

Projects

There will be two projects this semester. The first is a poster project on a mathematician that is due September 20th as indicated on the tentative calendar. There will be more information given during the first week regarding this project.

The second project is an applied project that is focused on the use of math in society (a topic not covered in class). The idea here is for you to look at mathematics applied to a field that interests you. You can write a 5-page essay, create an edited video or podcast, or create a piece of art. I am open to discussing other ideas you might have as well. The applied project is due November 15th as indicated on the tentative calendar. There will be more information given just after the midterm regarding this project

Midterm

The midterm will be given on October 11th as indicated on the tentative calendar. It will cover the material presented through week 7, including the poster projects. Make-ups are given at my discretion. The earlier you contact me with regards to the potential or actual missing of the midterm increases your chances of being granted a make-up or us being able to arrange an alternative time to complete the

midterm.

If you miss the midterm and are not able to make it up, or do poorly on it, your percentage on the Final will replace your midterm score. ***Do not plan on leaving town before your scheduled final which is Tuesday December 11th 10:45am – 12:45pm***.

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. Projects I will have graded and recorded within 14 days. The Midterm I will have graded and recorded within 14 days from the moment I receive the last midterm 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 September 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 (October 26th). 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 or your phone rings out loud in class, you need to bring treats for everyone the next class meeting to express your sincere apology. I also reserve the right to deduct points from your class participation points. Please do not text. Texting distracts you at the time but negatively impacts the learning environment for everyone around you as well, including myself. The reason being that when I give the class problems to work on or have you work in groups you are left clueless as to what you are suppose to be doing. I will deduct points from your participation grade for texting.

Week#	Mon	Tuesday	Wed	Thursday	Fri	Sat
	Aug 13	Aug 14	Aug 15	Aug 16 Convocation	Aug 17 Convocation	Aug 18 CR Classes Begin
1	Aug 20 Most CR Classes begin	Aug 21 Introduction	Aug 22	Aug 23 Discussion Prologue: "What is Mathematics"	Aug 24 Last Day to Add	

2	Aug 27	Aug 28 Section 1A	Aug 29	Aug 30 Section 1B	Aug 31 Last Day to Drop w/o "W" and get Refund	
3	Sep 3 **Labor Day** (CR/HSU Holiday)	Sep 4 **Census Day** **No Class**	Sep 5	Sep 6 Section 1C	Sep 7	
4	Sep 10	Sep 11 **Census Rosters Due** Section 1D	Sep 12	Sep 13 Section 1D/1E	Sep 14 Last Day to file P/NP option (if avail; Flex Goals Due	
5	Sep 17	Sep 18 Section 1E	Sep 19 *Talk Like a Pirate Day*	Sep 20 **Poster Project Due**	Sep 21	
6	Sep 24	Sep 25 Section 2A	Sep 26	Sep 27 Section 2B	Sep 28 **Native American Day***	
7	Oct 1	Oct 2 Section 2C	Oct 3	Oct 4 Section 2C	Oct 5	
8	Oct 8	Oct 9 **Review Dav**	Oct 10 *Powers of 10 Day*	Oct 11 **Midterm**	Oct 12	Oct13 **CMCFN Conferenc**
9	Oct 15	Oct 16 Section 3A	Oct 17	Oct 18 ***10:18am Grt Calif Shakeout*** Section 3C	Oct 19 ***SCIENCE NIGHT***	
10	Oct 22	Oct 23 Section 12A	Oct 24 *2-to-the-10th Day*	Oct 25 Last Day to Petition to Graduate or Apply for Certif Section 12A	Oct 26	
11	Oct 29	Oct 30 Section 12B	Oct 31 *Halloween*	Nov 1 Section 12B	Nov 2 Last Day for Withdrawal	
12	Nov 5	Nov 6 Section 12C	Nov 7	Nov 8 Section 12C	Nov 9	
13	Nov 12 **Veterans Day Observed** (CR/HSU Holiday)	Nov 13 Section 12D	Nov 14	Nov 15 **Applied Project Due** Section 12D	Nov 16	
Fall Break	Nov 19	Nov 20	Nov 21	Nov 22 **Thanksgiving**	Nov 23 *Fibonacci Day* (CR Holiday)	Nov 24 (No CR classes)
14	Nov 26	Nov 27 Section 11A	Nov 28	Nov 29 Section 11B	Nov 30	Dec 1 ***Putnam Math Compet'n***
15	Dec 3	Dec 4 Section 11C	Dec 5	Dec 6 **Review Day**	Dec 7 AF Flex Forms Due	Dec 8
FINALS WEEK	Dec 10	Dec 11 **Final 10:45am – 12:45pm**	Dec 12	Dec 13	Dec 14	Dec 15

I reserve the right to modify this syllabus.