Syllabus for College Algebra

Course Information

Semester & Year: Spring 2020
Course ID & Section #: MATH-30-E7560
Instructor's name: Erin Wall
Day/Time or *Online: TTHF 8:30 – 9:45am
Location or *Online: SC 204
Number of units: 4

Instructor Contact Information

Office location or *Online: SC 216G
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: College Algebra An Investigation of Functions
Edition: 4th
Author: Lippman, Rasussen, and Abramson
ISBN: Creative Commons – Available for free online
Other requirement: 8.5" x 11" paper, paper, pencils, erasers, graphing calculator (Desmos okay. TI-83/84 used in class), and access to computer (offered on campus).

Catalog Description

A course for students studying in science, technology, engineering, and mathematics (STEM) fields and some areas of business. Both Math 30 and Math 25 (Trigonometry), are prerequisites for Math 50A (Differential Calculus). Topics include: polynomial, rational, radical, exponential, absolute value, and logarithmic functions; systems of equations; theory of polynomial equations; analytic geometry; arithmetic and geometric sequences and series.

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

1. Analyze and investigate functions and equations graphically, algebraically, and verbally.
2. Solve equations, systems of equations, and inequalities.
3. Apply functions and other algebraic techniques to model real-world applications.

Evaluation & Grading Policy

Course Grading Scale

Class Activities	10%
Homework (Preparation & Online)	15%
Weekly Synthesis	20%
Opportunities (others would call these tests)	40%
Final	15%

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

In general these are worth 5 points each. Larger class activities may be worth 10 points. I will access 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 preview the upcoming material and develop your mathematical reading skills, as well as, practice the mathematical skill and work with the concepts we are studying. 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 get you ready for the upcoming material. This is also where you will also get a chance to improve your ability to engage with mathematical text. As a STEM major this is an essential skill to develop. 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. Online assignments: these are assignments where you practice and apply the mathematical skills and concepts we have been learning 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.

Weekly Synthesis
These are weekly assignments that will usually be assigned Fridays and due the next Friday. Each will be worth 20 points. You may turn them in up to a week late for at most 14 points. They are written homework assignments where you are going to be asked to connect concepts and mathematical skills, demonstrating that you are learning the algebraic techniques and notation you need as you continue your studies in STEM related fields.

Opportunities and Final
There will be 3 Opportunities during the semester. See the "Tentative Schedule" below for when these are tentatively scheduled. Make-ups are given at my discretion. The earlier you contact me with regards to the potential or actual missing of an Opportunity increases your chances of being granted a make-up or being able to make other arrangements to take the Opportunity. Once I return an Opportunity in class no make-ups will be granted.

If you miss an Opportunity and are not able to make it up, or do poorly on one of these, your percentage on the Final will replace that Opportunity's score. ***Do not plan on leaving town before your scheduled final which is Tuesday May 12th 8:30am – 10:30am.***

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%

Prerequisites/Co-requisites/Recommended Preparation

Appropriate STEM Math placement, or completion of Intermediate Algebra.

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	Friday
1	Jan 20 MLK Day Holiday	Jan 21 Introduction	Jan 22	Jan 23 Section 1.1	Jan 24 Section 1.2
2	Jan 27	Jan 28 Section 1.3	Jan 29	Jan 30 Section 1.4	Jan 31 Section 1.5
3	Feb 3	Feb 4 Section 1.6	Feb 5	Feb 6 No Class	Feb 7 Review
4	Feb 10	Feb 11 Opportunity #1	Feb 12	Feb 13 Section 2.1	Feb 14 Lincoln's Birthday - Holiday
5	Feb 17 Prez.Day Holiday	Feb 18 Section 2.2	Feb 19	Feb 20 Section 2.3	Feb 21 2.5 Section 2.5
6	Feb 24	Feb 25 Section 3.1	Feb 26	Feb 27 No class (Outside Activity)	Feb 28 No class (Outside Activity)
7	Mar 2	Mar 3 Section 3.2	Mar 4	Mar 5 Section 3.3	Mar 6 Section 3.4
8	Mar 9	Mar 10 Section 3.4	Mar 11	Mar 12 Review Day	Mar 13 Opportunity #2
Break	Mar 16	Mar 17	Mar 18	Mar 19	Mar 20
9	Mar 23	Mar 24 Section 3.5	Mar 25	Mar 26 Complex Numbers	Mar 27 Section 4.1
10	Mar 30	Mar 31 Section 4.2	Apr 1	Apr 2 Section 4.3	Apr 3 Section 4.5
11	Apr 6	Apr 7 Section 4.6	Apr 8	Apr 9 Section 5.1	Apr 10 Section 5.2
12	Apr 13	Apr 14 Section 5.4	Apr 15	Apr 16 Section 5.3	Apr 17 Review
13	Apr 20	Apr 21 Opportunity #3	Apr 22	Apr 23 Section 6.1	Apr 24 Section 6.2
14	Apr 27	Apr 28 Section 6.3	Apr 29	Apr 30 Section 6.4	May 1 Conic Sections
15	May 4	May 5 Conic Sections	May 6	May 7 Conic Sections	May 8 Review
FINALS WEEK	May 11	May 12 **Final 8:30am – 10:30am**	May 13	May 14	May 15