

Syllabus for Math 120 – Intermediate Algebra – Eureka Campus

Semester & Year	Spring 2019	
Course ID and Section #	Math 120 - Section E6008	
Instructor's Name	Anya Savage	
Day/Time	Tues/Thurs/Fri 11:40-12:55	
Location	SC 210	
Number of Credits/Units	4 units	
Contact Information	<i>Office location</i>	TBD
	<i>Office hours</i>	Wed 11-12, Fri 10:30-11:30
	<i>Phone number</i>	
	<i>Email address</i>	Anya-Savage@redwoods.edu
Textbook Information	<i>Title & Edition</i>	Intermediate Algebra, 5 th edition
	<i>Author</i>	Martin-Gay
	<i>ISBN</i>	0-321-97859-5

Course Description

A course in which functions are investigated graphically, numerically, symbolically and verbally in real-world settings. Linear, quadratic, polynomial, rational, radical, exponential, and logarithmic equations and functions are explored. Technology is integrated into all aspects of the course.

Special notes or advisories: Graphing calculator required, TI-83 or TI-84 graphing calculator recommended.

Student Learning Outcomes

1. Evaluate and interpret general functions symbolically, numerically, and graphically.
2. Produce an accurate graph of each function type introduced in the course, identifying and plotting all salient features.
3. Demonstrate appropriate use of technology in analyzing the behavior of functions presented in the course.
4. Use mathematical models to analyze and interpret real-world situations.
5. Use sound mathematical writing and appropriate use of symbolism in presenting solutions of mathematical exercises and applications.

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.

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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/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

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“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.

Required Materials and Supplies

Text: Intermediate Algebra, by Elayn Martin-Gay, 5th edition
ISBN: 0-321-97859-5

You have a variety of options for acquiring the text in addition to the campus bookstore. You can rent or buy a used text online inexpensively at online retailers such as amazon.com. You do not need any online codes or special software, only the text itself. There are also two texts available for 2-hour reserve at the library.

Graphing calculator: A graphing calculator is required, TI-83 or TI-84 recommended. Graphing calculators are available to rent for \$15 a semester (see Emily Chang in the Math Lab in the back of the LRC)

In addition to the text and the calculator you will need graph paper, and paper to take in class notes on, pencils, erasers and a straight edge, and a binder or notebook to organize classwork, notes, etc.

Homework

Homework will be assigned almost every day, and will be collected the class session after it is assigned. Late or illegible homework will not be accepted. To receive full credit, homework must:

- have your name in the upper right hand corner, and the section and problem numbers on the first line
- be stapled
- be in pencil
- be correct and complete (I almost always assign odd numbered problems. The answers are in the back of the book. Check your work!)
- show all work and follow examples done in class
- be neat, with all problems clearly labeled

Homework is the way most of us learn math, so it is important that it is done regularly. While everyone must turn in their own work, please work together if you find it helpful. Homework will be turned in with homework quizzes.

Homework Quizzes

Homework quizzes will be given almost every class session. These will be short open note, open homework quizzes. You may only use your own homework and notes. There will be no makeup homework quizzes. The three lowest homework quiz grades will be dropped.

Exams

There will be four in class exams and one final. The final is cumulative. All are weighted equally. These are closed book, closed note exams, although you will be able to use your graphing calculator. There will be no makeup exams. However, if you know you will need to miss an exam, please let me know well ahead of time, and it may be possible to arrange an alternate time to take it. If you miss an exam due to a documentable emergency (serious illness, car accident, etc.) please contact me as soon as possible to make alternative arrangements. If it will benefit you (increase your grade) your lowest exam grade will be replaced with your final exam score. Otherwise, exam scores will remain the same.

Activities

We will have activities in and out of class time. In class activities generally cannot be made up.

Grading

Your grade will be based on the following percentages:

Exams	75%
Homework/Homework Quizzes/Activities	25%

<u>Grading Scale</u>	
A	93-100%
A-	90-92%
B+	88-89
B	83-87%
B-	80-82%
C+	78-79%
C	70-77%
D-F	<70%

Syllabus is subject to change