

**Syllabus for Math 120 Intermediate Algebra – Eureka Campus**

<b>Semester &amp; Year</b>	Spring 2019	
<b>Course ID and Section #</b>	Math 120 — E6009	
<b>Instructor's Name</b>	Brad Morin	
<b>Day/Time</b>	MWF 10:05 - 11:20 am	
<b>Location</b>	SC 210	
<b>Number of Credits/Units</b>	4	
<b>Contact Information</b>	<i>Office location</i>	Math Lab
	<i>Office hours</i>	Office Hours: Monday, Friday 1:15 - 2:15 pm Wednesday (only on short weeks) 1:15 - 3:15 pm Math Lab Hours: Wednesday 2:00 - 3:00 pm
	<i>Phone number</i>	None
	<i>Email address</i>	<a href="mailto:brad-morin@redwoods.edu">brad-morin@redwoods.edu</a>
	<b>Textbook Information</b>	<i>Title &amp; Edition</i>
	<i>Author</i>	Bernard Kolman & Arnold Shapiro
	<i>ISBN</i>	978-1-60229-881-1
<b>Course Description</b>		
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.		

**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.

*[instructor: put here the SLOs from course outline of record]*

**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](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.*

Course Equipment: TI-84 Calculator (TI-89 won't work well for our class).

You can buy one for around \$120, or get a used one on Amazon for \$50.

You can rent a TI-84 from the math lab for \$15

For more information, go to canvas:

Exams and Quizzes:

Daily quizzes will be on the homework assigned the previous day.

There will be two in-class exams and a comprehensive final.

Basis for Grade:

25% Quizzes on homework.

45% Semester Exams

30% Final Exam

Grading:

A 93% - 100%    A- 90% - 92%

B+ 87% - 89%    B 83% - 86%    B- 80% - 82%

C+ 77% - 79%    C 70% - 76%

D 60% - 69%

F Below 60%

## Spring Semester 2019

The dates given below are the days the sections are covered in class. The suggested homework should then be done in preparation for the daily, one-point quiz the next day. Making up a missed quiz will be possible, but more work than doing the homework in the first place. Adjustments in the assignment schedule are inevitable.

Date	Section	Assigned Problems for Quizzes — *Exercises for extra credit on exams
<b>Jan 21</b>		<b>MLK Jr Holiday — No Classes</b>
23	1.2	1-69 EOO ( <b>Every Other Odd</b> , 1, 5, 9, etc.) For Quiz 1 on Friday
25	1.3	1-37 EOO For Quiz 2 on Monday
	1.4	1-69 EOO
	28	1.5 1-49 EOO For Quiz 3 on Wednesday
		1.6 1-81 EOO
	30	2.1 1-53 EOO For Quiz 4 Friday
		2.2 1-49 EOO, 28,40 — *46
Feb 1	2.3	1-25 EOO, 22, 24 — *27,*29 For Quiz 5 on Monday
	2.4	1-45 EOO, 26 — *50
	4	3.1 1-11 odd, 10 For Quiz 6 on Wednesday
		3.2 1-11 odd, 12 — *13,*14
	6	3.3 1,3,5,7,8,9,10 For Quiz 7 on Friday
		Introduction to Desmos I'll give you makeup credit for one quiz if you; get registered on Desmos, save a graph, however simple, then send it to me by Feb 8 class time.
	8	3.4 1,3,5,7,8,9 — *10
		Introduction to Alcumus I'll give you credit for one makeup quiz if you get registered and do at least one problem on Alcumus by Feb 11 class time.
	11	Chapter 1 Summary, Progress Test 1B, p.?? 1-?? all Chapter 2 Summary, Progress Test 2B, p.?? 1-?? all Chapter 3 Summary, Progress Test 3B, p.111 1-11 all
	13	<b>Exam 1 on Chapters 1, 2, 3</b>
	15	<b>Washington Day — No Classes</b>
	18	<b>Lincoln Holiday — No Classes</b>
	20	4.1 1-53 EOO, 22 — *59
	22	4.2 1-33 EOO — *36
		4.3 1-41 EOO, 47-67 odd — *76, *77
	25	4.4 1-81 EOO — *83, *85
		4.5 1-29 EOO
	27	5.1 1-45 EOO
		5.2 1-27 odd 33, 37, 41, 45 — *49, *53

Mar	1	5.3 5.4	1-53 EOO — *58 1-21 EOO — *22, *23
	4	5.5 5.6	1-29 odd — *32, *33, *34 1-21 EOO
	6	5.7 6.1	1-27 odd 1-57 EOO — *62, *63
	8	6.2 6.3	1-55 odd — *64, *66 1-37 odd
	11	6.4 6.5	1-21 odd — *23 1-19 odd — *23
	13	Chapter 4 Summary, Progress Test 4B, p.148 1-?? all Chapter 5 Summary, Progress Test 5B, p.189 1-13 odd Chapter 6 Summary, Progress Test 6B, p.234 1-15 odd	
	15	<b>Exam 2 on Chapters 4, 5, &amp; 6 and a question from Exam 1</b>	
	18 20 22	<b>Spring Break No Classes</b>	
	25	7.1	1-19 odd — *21, *22
	27	7.2 7.3	1-65 odd, 68, 70 — *73,*75,*76 1-35 odd
	29	8.1 8.2	1-75 odd 1-77 odd
April	1	8.3 8.4	1-67 odd 1-67 odd
	3	8.5 8.6	1-67 odd 1-83 odd — *91, *93
	5	9.1 9.2	1-59 odd, 65-68 all 1-31 odd, 35-65 odd — *33
	8	9.3 9.4	1-37 odd 1-21 odd
	10	Chapter 7 Summary, Progress Test 7B, p.271 1-15 all Chapter 8 Summary, Progress Test 8B, p.315 1-15 all Chapter 9 Summary, Progress Test 9B, p.352 1-15 odd	
	12	<b>Exam 3 on Chapters 7, 8, &amp; 9 and a question from Exams 1 or 2</b>	
	15	11.1	1-59 odd
	17	11.2	1-47 odd
	19	11.3	1-79 odd
	22	12.1	1-23 odd — *29
	24	12.2 12.3	1-33 odd — *35 1-33 odd — *37, *39

26 13.1 1-19 odd  
13.2 1-19 odd

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29 Chapter 11 Summary, Progress Test 11B, p. 440 1-12 all, 16, 20  
Chapter 12 Summary, Progress Test 12B, p. 483 1-7 all  
Chapter 13 Summary, Progress Test 13B, p. 529 1-9 all  
May 1 **Exam 4 on Chapters 11, 12, &13 and a question from Exam 1, 2, or 3**  
3 15.1 1-43 odd — \*45, \*47

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6 15.2 1-31 odd — \*33, \*35  
Review Exam 1  
8 15.3 1-31 odd — \*33, \*35, \*39, \*41  
Review Exam 2  
9 Review Exams 3 & 4

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**May 15 Final Exam**  
**Wednesday 10:45 am – 12:45**



