

## Syllabus for Intermediate Algebra – Eureka Campus

<b>Semester &amp; Year</b>	Spring 2017	
<b>Course ID and Section #</b>	Math 120 E1074	
<b>Instructor's Name</b>	Brad Morin	
<b>Day/Time</b>	MWF 1:15-2:30PM	
<b>Location</b>	SC 214	
<b>Number of Credits/Units</b>	4.0	
<b>Contact Information</b>	<i>Office location</i>	Math Lab (LRC 101)
	<i>Office hours</i>	Math Lab Hours: Monday 10:00 - 11:00 Office Hours: Friday 11:00 - 12:00 in the Math Lab (LRC 101) Office Hour on Feb 17 will be moved to Feb 16, Thursday, 10:00 - 11:00 in Math Lab
	<i>Phone number</i>	
	<i>Email address</i>	Brad.morin@gmail.com
<b>Textbook Information</b>	<i>Title &amp; Edition</i>	
	<i>Author</i>	
	<i>ISBN</i>	
<b>Course Description</b>		
<p>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.</p>		
<b>Student Learning Outcomes</b>		
<ol style="list-style-type: none"> <li>1. Evaluate and interpret general functions symbolically, numerically, and graphically.</li> <li>2. Produce an accurate graph of each function type introduced in the course, identifying and plotting all salient features.</li> <li>3. Demonstrate appropriate use of technology in analyzing the behavior of functions presented in the course.</li> <li>4. Use mathematical models to analyze and interpret real-world situations.</li> <li>5. Use sound mathematical writing and appropriate use of symbolism in presenting solutions of mathematical exercises and applications.</li> </ol>		
<b>Special Accommodations</b>		
<p>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 <a href="#">Disabled Students Programs and Services</a>. Students may make requests for alternative media by contacting DSPS at 707-476-4280.</p>		
<b>Academic Support</b>		
<p>Academic support is available at <a href="#">Counseling and Advising</a> and includes academic advising and educational planning, <a href="#">Academic Support Center</a> for tutoring and proctored tests, and <a href="#">Extended</a></p>		



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[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.

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### 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."

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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.*

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Textbook: Intermediate Algebra for College Students, by Kolman and Shapiro  
Several options for getting the textbook are outlined in canvas.

Course Equipment: TI-84 Calculator. I recommend the TI-84 Plus CE, a newer model.  
You can rent the TI-84 from the math lab. (More details later.)  
Bring text, calculator, and homework on lecture days -- calculator on exam days.

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%

Learning Resources:

Math Lab — Information link (somewhat dated when it come to math lab schedule).  
<http://www.tamimathcr.com/mathlab-f15.html>  
Disabled Student Programs and Services  
Academic Support Center  
The L.I.G.H.T. Center  
GUID 145

Prerequisites: Make certain this course is appropriate for your skills and experience.  
Math 380 is a prerequisite.

Modifications or corrections to this syllabus may be necessary as the semester progresses.

## Homework & Exams

The dates given below are the days the sections are covered in class. The suggested homework should then be done in preparation for the quiz the next day. The quiz is one point, all or nothing. Making up a missed quiz will be



possible, but will usually be much more work than doing the homework in the first place. More on that later.

Adjustments in the assignments are possible through the semester.

Date	Section	Assigned Problems for Quizzes — *Exercises for extra credit on exams	
Jan 18	1.1	1-41 odd, 10,18,20,38	
	1.2	1-79 odd, 4,14,22,32,38,48,56,70	
	20	1.3	1-43 odd, 26,36,40
		1.4	1-71 odd, 20,26,36,42,52,60,66
	1.5	1-49 odd	
23	1.6	1-83 odd	
	2.1	1-55 odd	
25	2.2	1-51 odd, 28,40 — *46	
	2.3	1-25 odd, 22, 24 — *27, *29	
27	2.4	1-45 odd, 26 — *50	
	2.5	1-45 odd	
30	3.1	1-11 odd, 10	
	3.2	1-11 odd, 12 — *13,*14	
Feb 1	3.3	1,3,5,7,8,9,10	
	3	3.4	1,3,5,7,8,9 — *10
		4.1	1-55 odd, 22 — *59
6	4.2	1-33 odd — *36	
	4.3	1-41 odd, 47-67 odd — *76, *77	
8	4.4	1-19 odd	
	4.4	21-81 odd — *83, *85	
	4.5	1-31 odd	
10	4.6	1-35 odd, 39, 40	
	Review Chapters 1, 2, 3, and 4		
The following are recommended problems to study for the exam.			
Chapter 1 Summary, Progress Test 1B, p.48 1-15 all			
Chapter 2 Summary, Progress Test 2B, p.84 1-15 all			
Chapter 3 Summary, Progress Test 3B, p.111 1-11 all			
Chapter 4 Summary, Progress Test 4B, p.148 1-18 all			

13 Exam 1  
11:59 pm

**Makeup Deadline April 17, Sunday,**

15 5.1 1-45 odd  
5.2 1-27 odd 33, 37, 41, 45 — \*49, \*53

**17 CR Holiday — Lincoln's Birthday**

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**20 CR Holiday — Washington's Birthday**

22 5.3 1-33 odd, 37, 41, 45, 49, 53 — \*58  
5.4 1-21 odd — \*22, \*23  
24 5.5 1-29 odd — \*32, \*33, \*34  
5.6 1-19 odd

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27 5.7 1-27 odd  
6.1 1-31 odd  
Mar 1 6.1 33-57 odd — \*62, \*63  
6.2 1-59 odd — \*64, \*66  
6.3 1-29 odd, 31-38 all  
3 6.4 1-21 odd — \*23  
6.5 1-23 odd

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6 7.1 1-21 odd — \*22  
7.2 1-61 odd  
8 7.2 63, 65, 68, 70 — \*73, \*75, \*76  
7.3 1-35 odd  
7.4 1-33  
10 8.1 1-75 odd  
8.2 1-77 odd

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**13 CR Spring Break**

**15**  
**17**

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20 8.3 1-67 odd  
8.4 1-67 odd  
22 8.5 1-67 odd  
8.6 1-83 odd — \*91, \*93  
24 Review  
Chapter 5 Summary, Progress Test 5B, p.189 1-13 all  
Chapter 6 Summary, Progress Test 6B, p.234 1-15 all  
Chapter 7 Summary, Progress Test 7B, p.271 1-15 all  
Chapter 8 Summary, Progress Test 8B, p.316 1-20 all

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27 **Exam II** **Makeup Deadline April 24, Sunday,**  
**11:58 pm**

29 9.1 1-59 odd, 65-68 all

		9.2	1-31 odd, 35-65 odd	—	*33
31		9.3	1-37 odd		
		9.4	1-21 odd		
April	3	9.5	1-29 odd	—	*31
		9.6	1-17 odd		
	5	9.6	19-45 odd		
		10.1	1-15 odd		
	7	10.2	1-25 odd	—	*27, *31, *33
	10	10.3	1-49 odd	—	*50, *51, *53
	12	11.1	1-63 odd	—	*64, *66
	14	11.2	1-51 odd	—	*54
	17	11.3	1-74 all		
	19	11.4	1-69 odd		
	21	11.5	1-39 odd		
		Chapter 9, 10, 11 Review			
		<b>Exam 3 Online Covering Chapters 9, 10, &amp; 11</b>			
		<b>Complete by 4/24/16 11:59 pm</b>			
	24	12.1	1-23 odd	—	*29
		12.2	1-33 odd	—	*35
	26	12.3	1-33 odd	—	*37, *39
		12.4	1-29 odd		
	28	13.1	1-19 odd		
		13.2	1-19 odd		
May	1	13.3	1-19 odd		
		13.4	1-19 odd	—	*21, *23
	3	14.1	1-37 odd		
		Chapter 12, 13, & 14 Review			
		<b>Exam 4 Online Covering Chapters 12, 13, &amp; 14</b>			
		<b>Complete by 5/8/16 11:59 pm</b>			
	5	15.1	1-49 odd	—	*51-59 odd
May	10	1:00 - 3:00 pm Final Exam			