Syllabus for Math 120 (Intermediate Algebra)– Eureka Campus

Semester & Year	Spring 2019
Course ID and Section #	Math 120-E6007
Instructor's Name	Emily Chang
Day/Time	Monday, Wednesday 6:05-8:10pm
Location	SC 210
Number of Credits/Units	4

Contact Information	*Office location*	Library
	Office hours	TBA
	MathLab hours	M-R 10-6, F 10-3
	Email address	Emily_Chang@redwoods.edu
Textbook Information	*Title & Edition*	Intermediate Algebra Text
	Author	CR Math Department
	ISBN	http://msenux2.redwoods.edu/IntAlgText/

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.

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 presenting 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 application

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.
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Emergency Procedures for the <u>Eureka</u> 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.

MATH120 - Intermediate Algebra
Section: E6007
MW 6:05-8:10 SCSC 210

Emily Chang
Emily-Chang@redwoods.edu
Office Hours: TBA

Prerequisites: MATH380.

1   Required materials:

1. *Intermediate Algebra Text* You can download the pdf file for free: (`http://msenux2.redwoods.edu/IntAlgText/`).

2. Graphing calculator or any other grapher

3. Access to internet. I will post grades, notes, worksheets and homework assignments on Canvas.

2   Homework

Online homework

You will have **daily** online homework via MyOpenMath.

Written homework

You will have **weekly** written homework. You will be assigned several problems from each section. Please keep in mind quality over quantity.

Every Monday, homework is due. Homework is 10 points each

3   Evaluations

mini quizzes

Every Wednesday is the weekly Wednesday mini quiz. They are around 10 points each.

Midterms and Final Exam

There will be 2 midterms. The first midterm will cover Chapters 1, 2, 3. The second midterm will be Chapters 5, 6, 7. The final exam will be cumulative and cover Chapters 1-9.

Midterm 1	Feb 20
Midterm 2	Apr 3
Final Exam	Monday, Dec 10 5:30-7:30pm

Grading

Will be points-based. Exact points are subject to change.

HW	13 assignments	10 points each	= 130
Quiz	11 quizzes	10 points each	= 110
Midterm	2 midterms	60 points each	= 120
Final		100 points	= 100
total			= 460

A	414-460
B	368-413
C	322-367
D/fail	321 and below

4   Classroom Expectations

Communication

It is your responsibility as a student to communicate to me when problems arise. If you have concerns or scheduling conflicts, *remind* me via **written communication**.

Etiquette

The classroom is a space of learning and respect. You are expected to arrive on time and to leave when the class is dismissed to minimize disrupting your fellow classmates. If you do not want to stay for the entire class, do not come at all. If you have questions that are unrelated to the concepts in class (i.e. questions about your grade), ask before class begins or after class ends.

Unless needed as a note taking aid, *no cell phones, computers or iPads during class.*

Participation/Attendance

Attendance is mandatory if you want to pass.

Participation is necessary to success. We will do group work every class period. I encourage you to form study groups!

<p align="center">Syllabus is subject to change!</p>

Tentative course outline

Monday	Wednesday
Jan 21 no class	**Jan 23** **1** Syllabus Chapter 1
Jan 28 **2** Chapter 2	**Jan 30** **3** Chapter 2
Feb 4 **4** Chapter 2	**Feb 6** **5** Chapter 3
Feb 11 **6** Chapter 3	**Feb 13** **7** Chapter 3
Feb 18 no class	**Feb 20** **8** Midterm 1: chapter 1, 2, 3
Feb 25 **9** factoring review	**Feb 27** **10** Chapter 5
Mar 4 **11** Chapter 5	**Mar 6** **12** Chapter 5

Monday	Wednesday
Mar 11 **13** Chapter 6	**Mar 13** **14** Chapter 7
Mar 18 Spring Break	**Mar 20** Spring Break
Mar 25 **15** Chapter 7	**Mar 27** **16** Chapter 7
Apr 1 **17** Chapter 7	**Apr 3** **18** Midterm 2: chapters 5, 6, 7 Chapter 8
Apr 8 **19** Chapter 8	**Apr 10** **20** Chapter 8
Apr 15 **21** Chapter 8	**Apr 17** **22** Chapter 8
Apr 22 **23** Chapter 9	**Apr 24** **24** Chapter 9

Monday	Wednesday
Apr 29 **25** Chapter 9	May 1 **26** Chapter 9
May 6 **27** review for final	May 8 **28** review for final