Syllabus for: Math 380

Semester & Year:	Summer 2013
Course ID and Section Number:	Math–380–E3666
Number of Credits/Units:	4 Credit Hours
Day/Time: **Location:**	MTWTh 11:00–1:05 pm PS 120
Instructor's Name:	Brad Morin
Contact Information:	Office location and hours: PS200 Hours: MW 1:05–1:35 pm Email: brad–morin@redwoods.edu

Course Description:
A study of the real number system, first-degree linear equations and inequalities, polynomial expressions and equations, factoring, radicals, quadratic equations and the quadratic formula, interpretation of graphs, and problem-solving techniques. Small group work and exploratory activities (including the use of the graphing calculator) are involved in this course.

Student Learning Outcomes :

1. Read, write, and speak accurately about mathematical ideas using correct mathematical notation.

2. Apply the mathematics they have learned to real world problems and applications.

3. Use graphs and the graphing calculator to explore mathematical concepts and to verify their work.

4. Demonstrate competency in the required prerequisite skills for intermediate algebra.

5. Demonstrate the characteristics of an effective learner.

6. Read and use function notation correctly.

7. Perform symbolic manipulations that will support success in the other outcomes.

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.

Academic Misconduct: Cheating, plagiarism, collusion, abuse of resource materials, computer misuse, fabrication or falsification, multiple submissions, complicity in academic misconduct, and/ or bearing false witness will not be tolerated. Violations will be dealt with according to the procedures and sanctions proscribed by the College of the Redwoods. Students caught plagiarizing or cheating on exams will receive an "F" in the course.

The student code of conduct is available on the College of the Redwoods website at:
http://redwoods.edu/District/Board/New/Chapter5/AP%205500%20Conduct%20Code%20final%2002–07–2012.pdf

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 homepage.

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.

Welcome to Math 380 E3666-- Elementary Algebra--Summer 2013
MTWTh   11:00 am - 1:05 pm   PS 120

Instructor: Brad Morin

Instructor Availability:
	Email: brad-morin@redwoods.edu
	Office Hours: Monday & Wednesday 1:05 - 1:30 pm, PS200

Textbook: Intermediate Algebra Textbook, by Mathematics Department of College of the Redwoods

Available online at http://mathrev.redwoods.edu/ElemAlgText/

A hard copy of the text is available for purchase in the college bookstore.

Calculator: A TI-83 or TI-84 will be required for the class.

Calculators can be rented at the department office for $20 a semester.

Basis for Grade:

30% Daily Optimath & Quizzes, taking from suggested homework.

50% Semester Exams. Makeup exams possible with at least a 10% penalty.

20% Final Exams (including Final Assessment Exam)

Extra Credit and Makeup will be available through a variety of options.

Grade Scale: Letter grades will be determined based upon the following scale.

A- through A   90% - 100%
B- through B+ 80% - 89%
C through C+ 70% - 79%
D 60% - 69%
F Below 60%

My Teaching Philosophy & Goals:

Make the subject enjoyable.

Set a high standard for mastering math skills.

Be a resource all students are comfortable approaching.

Manage incentives for students to spend the time and effort to learn the material.

Foster in students the confidence for future math classes and\or practical applications.

Learning Resources: Overview at http://msenux.redwoods.edu/mathdept/courses/math120.php

Recommended -- Math Lab http://msenux.redwoods.edu/ mathdept/courses/math120L.php
Optimath
Disabled Student Programs and Services
Academic Support Center
The L.I.G.H.T. Center

Mathematics Department Policy Regarding "Faculty Withdrawal" of Students after Census Day:
A student who is absent from class for the amount of time equal to two weeks of classes, will be withdrawn from the course, unless there are extenuating circumstances that are communicated to the instructor in a timely manner. This "faculty withdrawal" can occur between Week 4 and Week 10 of the semester.

**If a student believes that he or she may need an accommodation for a disability, please see me or initiate contact with Disabled Student Programs and Services at 476-4280.

This syllabus is an attempt to help you make plans for the course. Minor modification in this syllabus may be necessary during the semester

Math 380   Homework & Exams
Morin
Summer Semester 2013

Date	Sec	Suggested Problems	_ _	Recommended Focus Problems
17	5.1	1-45 odd	--	9,11,17,23,27,
	5.2	1-67 odd	--	3,9,15,19,27,35,45,53,63
18	5.3	5-15 odd	--	9,13
	5.4	1-37 odd	--	1,13,17,27,37
19	5.5	1-57 odd	--	3,15,21,25,29,45,55,57
	5.6	1-55 odd	--	3,19,27,33,39,49,53
20	5.7	1--79 odd	--	1,5,13,19,21,27,35,47,71

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24   Review Chapter 5

25   Exam 3

26   6.1   1-75 odd --
5,9,17,21,29,35,43,53,61,67,75

           6.2   1-57 odd -- 3,11,13,21,33,35,47,55

27   6.3   1-43 odd -- 1,5,9,17,23,27,37

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July 1   6.4   1-45 odd -- 1,11,15,25,31,41

           6.5   1-83 odd -- 3,13,23,29,39,59,63,77,79

2   6.6   1-59 odd -- 3,9,19,25,35,43,49,57

3   6.7   1-21 odd -- 1,3,5,15,21

4   July 4 -- CR Holiday

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8   Review Chapter 6

9   Exam 4

10   7.1   1-61 odd --
3,7,9,15,17,23,27,35,39,43,47,55,61

           7.2   1-49 odd -- 3,7,9,15,17,23,25,27,35,39,45

12   7.3   1-47 odd -- 5,13,17,21,27,33,43

           7.4   1-27 odd -- 1,9,11,14,21,25

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15   7.5   1-29 odd -- 1,3,5,13,19,25

16   8.1   1-41 odd -- 1,5,11,17,21,23,29,31,35,41

17   8.2   1-39 odd -- 1,3,9,11,17,25,27,33,35

18   8.3   1-55 odd -- 3,7,9,13,23,27,35,37,49,55

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22   8.4   1-39 odd -- 1,5,11,17,23,27,33.39

23   Review

24   Review

25   Final Exam Monday, 5:30 -7:30 p.m.

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