Syllabus for: Intermediate Algebra

Semester & Year:	Spring 2014
Course ID and Section Number:	Math-120-E5137
Number of Credits/Units:	4
Day/Time: **Location:**	Tuesday, Thursday and Friday/1:15-2:30 SC 210
Instructor's Name:	Ward Nickle
Contact Information:	Office location and hours: SC 216G before class Phone: 476-4100 Email: ward-nickle@redwoods.edu

Course Description (catalog description as described in course outline):
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 (as described in course outline) :
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.

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.

Grading	Homework	30%
	Quizzes	20%
	Midterm 1	15%
	Midterm 2	15%
	Final Exam	20%

Text — The text is available for free at the following link: http://msenux.redwoods.edu/IntAlgText/

Participation

Attendance is absolutely critical for success in this course. If you have excessive absences you may be dropped from the course. While it is college policy that attendance cannot be used to determine grades, participation can be used in this way. I will use participation to determine whether a student who is at the threshold (within 2%) of a higher grade should receive it or not.

Attendance

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.

Homework Policy

All homework assignments will be online. Online assignments will be competed through Optimath, a locally written testing system. The testing system is located at:

http://msenux.redwoods.edu/optimath

More information about Optimath, including how to log in and correct syntax, is available at:

http://msenux.redwoods.edu/mathdept/docs/student/optimathinfo.html

Homework is available at the end of each class and is due by the next class meeting. You will be able to ask questions in class and retry your homework repeatedly until the following class meeting. For example, you may ask questions about Tuesday's homework on Thursday, but you will need to submit your final attempt before the start of class on Friday. Only your highest score from each assignment will be used in the calculation of your grade.

Quizzes

There will be a quiz at the end of each chapter. The quizzes will be available online for 3 days. The quizzes are comprehensive and may only be attempted twice.

Exams

There will be two midterms and a cumulative final exam. The first and second midterms will cover Chapters 1-3, and 5-7, respectively.

Resources

If you have questions about your homework you can visit my office hours or you can find help at the Math Lab. In order to enjoy the benefits of the Math Lab, you must enroll in 0.5 to 1 unit of Math Lab. Additionally, there is individual tutoring available through the Academic Support Center.

THERE WILL BE NO MAKE UP EXAMS EVER. PLEASE PLAN ACCORDINGLY.

Grade Assignment

90-100%	A
87-89%	B+
80-86%	B
77-79%	C+
70-76%	C
60-69%	D
0-59%	F

	Tuesday	Thursday	Friday
1	Jan 21 1.1	Jan 23 1.2	Jan 24 1.3
2	Jan 28 1.4	Jan 30 2.1	Jan 31 2.2
3	Feb 04 2.3	Feb 06 2.4	Feb 07 2.5
4	Feb 11 2.6	Feb 13 3.1, 3.2	Feb 14 Holiday (Lincoln)
5	Feb 18 3.3	Feb 20 3.4	Feb 21 3.5
6	Feb 25 review	Feb 27 **Midterm 1**	Feb 28 5.1, 5.2
7	Mar 04 5.3	Mar 06 5.4	Mar 07 5.6
8	Mar 11 6.1	Mar 13 6.2	Mar 14 6.3
	Mar 18	Mar 20 Spring Break	Mar 21
9	Mar 25 7.1	Mar 27 7.2, 7.3	Mar 28 7.4
10	Apr 01 7.5	Apr 03 7.6	Apr 04 7.7
11	Apr 08 7.8	Apr 10 review	Apr 11 **Midterm 2**
12	Apr 15 8.1, 8.2	Apr 17 8.3	Apr 18 8.4
13	Apr 22 8.5	Apr 24 8.6	Apr 25 8.7, 8.8
14	Apr 29 9.1	May 01 9.2, 9.3	May 02 9.4
15	May 06 9.5	May 08 9.6	May 09 review
	May 13	May 15 **Final Exam** 1:00-3:00	May 16