

Syllabus for: Math 5 - Brad Morin

Semester & Year:	Fall 2014
Course ID and Section Number:	Math-5-E6114
Number of Credits/Units:	3
Day/Time: Location:	TTh 11:05 am - 11:30 pm SC208
Instructor's Name:	Brad Morin
Contact Information:	Email: brad.morin@gmail.com

Course Description:

An approved CR and CSU General Education course designed primarily for non-science majors. This course is a study of selected topics from contemporary mathematics. Typical topics, which are chosen by the instructor, will be from areas including: inductive and deductive reasoning, mathematical modeling and analysis of linear and exponential functions, geometric symmetries, geometry of fractals, sequences and series, dynamics of population growth, statistics, mathematics of finance and management science, mathematics of methods of voting, fair division, and problem-solving techniques.

Special notes or advisories: Graphing calculator required, TI-83 or TI-84 recommended

Student Learning Outcomes (as described in course outline) :

1. Accurately communicate mathematical ideas using correct mathematical notation, graphs, and vocabulary.
2. Demonstrate appropriate use of the graphing calculator or other technology to explore mathematical concepts and verify their quantitative conclusions.
3. Solve problems and applications demonstrating the skills required for college-level mathematics.
4. Examine the quantitative arguments on both sides of issues currently in the news.
5. Explain the concepts of mathematics of social choice, statistics, growth, symmetry, finance, and/or management science and use the concepts to solve problems in these fields.

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.

Textbook: Math in Society, Edition 2.3 or 2.4, by David Lippman

Go to <http://www.lulu.com/spotlight/dlippman> to buy edition 2.4, \$15 plus shipping.
Download Math in Society here for free download of version 2.3.

Course Equipment: Graphing Calculator

Each day, bring a calculator and the text, hard copy or digital copy on laptop/tablet.

Basis for Grade: *Still under review, may be adjusted.*

25% Daily Quizzes based on homework.
50% Semester Exams.
20% Final Exam
5% Additional Activities

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

A 93% - 100%	A- 90% - 92%	
B+ 87% - 89%	B 83% - 86%	B- 80% - 82%
C+ 77% - 79%	C 73% - 76%	C- 70% - 72%
D 60% - 69%		
F Below 60%		

Learning Resources: Overview at <http://msenux.redwoods.edu/mathdept/courses/math30.php.php>

Math Lab
Disabled Student Programs and Services
Academic Support Center
The L.I.G.H.T. Center
GUID 145

Placement: Make certain this course is appropriate for your skills and experience.

Modifications and additions to this syllabus will be necessary.