Syllabus for: Math 5 – Brad Morin

Semester & Year:	Fall 2014
Course ID and Section Number:	Math-276-E6778
Number of Credits/Units:	3

Day/Time: Location:	MW 1:15 pm – 2:40 pm
	    SC210
	F 1:15 pm - 3:10 pm
	    SC206

Instructor's Name:	Brad Morin
Contact Information:	Email: brad.morin@gmail.com

Course Description:
A non-credit course, including a comprehensive review of arithmetic involving whole numbers, fractions, decimals, and signed numbers. Students will solve problems involving ratios, proportions, percents and geometry. Basic algebra concepts and techniques such as variables, simplifying expressions, solving equations will also be introduced. Problem solving, estimation and the communication of mathematical ideas are an integral part of the course. Use of a scientific calculator will be introduced.

Special Notes or Advisories: A scientific calculator is required.

Student Learning Outcomes (as described in course outline) :
1. Evaluate and simplify numerical and algebraic expressions involving integers and rational numbers.
2. Solve linear equations.
3. Write linear equations for word problems and solve.

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.

Instructor Availability: After class.
        Email: brad-morin@redwoods.edu

Textbook: Prealgebra Textbook, by Mathematics Department of College of the Redwoods
        Also, available online at http://msenux.redwoods.edu/PreAlgText/
        If you prefer a hard copy of the book, you may find some in the bookstore.
        For a very reasonably priced bound copy, order it at http://www.lulu.com/.
        Solutions for the odd numbered problems are found in the text.
        A complete solutions manual is available free online.

Course Equipment: Scientific Calculator
        Graph-paper workbook in which you do and display homework.
        Textbook or any device that gives you access to the text on the Internet,

Self Paced Course:
        You are encouraged to do the odd numbered exercises in each section — that, or as many of the exercises as you feel are necessary to master the subject. There will be no take home work, unless you want to speed up your progress. You can finish the course in four weeks if it comes easy or if you do extra work at home. Or, if the semester come to an end and you didn't finish, you can sign up for the class next semester and finish it then.

Basis for Grade:
        For an A- or A, score at least 90% on each chapter exam and the final exam.
        For a grade in the B range, score at least 80% on each chapter exam and the final.
        For a grade in the C range, score at least 70% on each chapter exam and the final.
          You get as many tries as you want on any exam.

Class Time:
        Class will consist mostly of doing math in a lab-like setting. Mini-lectures will be used on individuals or small groups as needed. You will be encouraged to find a group to work with, one that fits your pace, but you will not be required to join or stay with a group.

Exams: To prepare for each Chapter Exam, do the following:
Read or skim each section in a chapter before doing the odd numbered exercises.
You can go over the examples and exercises with your group, if you have one.
Ask the instructor for a mini lecture on the section if needed.
Practice any section online with Optimath if you wish.
Take the exam for the chapter on Optimath.
Retake the exam if you did not get the desired score, after more practice, if needed.

Final Exam: After completing all of the Chapter Exam satisfactorily, you can take the Final Exam.
The final exam will be either a written exam or an exam on Optimath, taken in class.
You can repeat the Final Exam as many times as needed to get your desired score.

Learning Resources: Overview at http://msenux.redwoods.edu/mathdept/courses/math376.php
Math Lab
Optimath
Disabled Student Programs and Services
Academic Support Center
The L.I.G.H.T. Center

Placement: Make certain this course is appropriate for your skills and experience.
Math 272 is a prerequisite, or the equivalent.

Minor modifications to this syllabus may be necessary during the semester.