Syllabus for: Math 303 – Intermediate Algebra Review

Semester & Year:	Summer 2015
Course ID and Section Number:	MATH-303-E8585
Number of Credits/Units:	1 unit
Day/Time:	MTWTh 2:00PM – 4:05PM
Location:	SC 214
Instructor's Name:	Elizabeth (Betsy) Buchanan
Contact Information:	Office Location: L101E (in the Academic Support Center) Office Hours: MTWTh 4:15PM – 4:45PM Phone: 707-476-4369 Email: betsy-buchanan@redwoods.edu [Put "Math 303" in subject line of email message]

Course Description (catalog description as described in course outline):
A review course covering material from Math 120 (Intermediate Algebra). This review course is designed for students preparing to place into a transfer level mathematics course, including Math 5 (Contemporary Mathematics), Math 15 (Elementary Statistics), Math 25 (Trigonometry), and Math 30 (College Algebra). Content will include: review of linear equations and linear inequalities in one variable; logic; functions; quadratic and polynomial functions; review of rational functions; exponential and logarithmic functions; radical functions.

Special notes or advisories: This is a review course. Extensive work on a computer homework system will be required.

Student Learning Outcomes (as described in course outline) :
Demonstrate the skills required to pass the placement exam, which will allow the student to enroll in the proper level of mathematics. This will be assessed at the end of each module. These assessments will include: review of linear equations and linear inequalities in one variable; logic; functions; quadratic and polynomial functions; review of rational functions; exponential and logarithmic functions; radical functions.

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 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.

Math Jam Algebra Review
Summer 2015
SC214 •MTWTh 2:00PM – 4:05PM

Instructor: Betsy Buchanan
Email: betsy-buchanan@redwoods.edu
Phone: (707) 476-4369
Office: L101E (in the LRC, by the Math Lab and Academic Support Center)

Course Description:
Math 301, Math 302, and Math 303 are review courses covering material from Math 276/376 – Pre-Algebra (Math 301), Math 380 – Elementary Algebra (Math 302), and Math 120 – Intermediate Algebra (Math 303). This review course is designed for students preparing to take the next course in the series and who will be attempting to place higher by (re)taking CR's Accuplacer Placement Exam. This is a Pass/No Pass course, based on attendance.

Course Objectives:
Demonstrate the skills required to pass the Placement Exam which will allow the student to enroll and succeed in the appropriate level of mathematics. This will be assessed at the end of each module. These assessments will include: solving linear equations, graphing linear equations, polynomials and factoring, and simplifying radical expressions.

Website:
The MathJam website is http://mathrev.redwoods.edu/mathjam/

Grading:
This is a Pass / No Pass course. Credit for the course is based on attendance. As this course only meets for 8 class sessions, no more than one absence is allowed.

Classroom Environment and Attendance:
It is essential to our class that both students and teacher behave in a manner that will provide a comfortable learning atmosphere. Please don't hesitate to ask questions if you need help. You are expected to arrive to class on time and to leave when class is dismissed.   The course grade is based on attendance. You must attend each class session. If something comes up preventing you from attending, notify me immediately and we'll try to work it out.

Recommended Materials:
Bring a pencil and plenty of scratch paper for you to use while working on the problems and taking notes. It would be to your benefit to NOT use a calculator since you are **not** allowed to use them on the Placement Exam.

Food and Drink:
There will be no consumption of food or drink near the computers. All food and drinks need to be left in the back of the room or in a sealed container inside your backpack.

Cell Phone Policy:
Please make sure all cell phones are turned off or on silent, and put away during class time. Their use in the classroom is a distraction to you, as well as to others in the class who are trying to learn. If you must take a call, please quietly leave the room and go to a place where you are out of earshot of the classroom.

Accessing Computers:
To log in to the MacBook computers, use the Guest account,
Username: guest
Password:

How it works….

1. In Safari (use only Safari/compass icon on the application dock at the bottom of the screen), go to: http://mathrev.redwoods.edu/mathjam/
   Note: If you choose to bring your own Windows PC laptop, you must use Internet Explorer or Mozilla Firefox as your browser. Optimath DOES NOT work with Google Chrome.
2. Click on the big red button that says, "I am enrolled in a CR math review course (Math 301, 302, 303)"
3. In the Table of Contents, click on the appropriate review course you are enrolled in.

The course is split into 6 Modules, each module containing 2 or 3 different skills to be reviewed. We will cover about one module per day. I will lecture for 15-20 minutes on a particular module, and then you will have the remaining class time to work on the practice exercises. During that time, our in-class tutors will be available for questions. At the end of each module there is a "Completion Quiz" for you to take. These exercises and completion quizzes are designed to prepare you to take the Math Placement Exam.

OPTIMATH
We will be using the online math practice system Optimath, developed by our own CR Math faculty. All computers on campus are already set up to use Optimath. If you want to practice at home, be sure your computer's web browser is using the most recent version of Adobe Reader. (**Note: Optimath DOES NOT work with Google Chrome**). If you have any trouble with Optimath, please ask me.

1. In your browser (Safari, Internet Explorer or Mozilla Firefox), go to http://mathrev.redwoods.edu/optimath/
2. Click on the link that says "LOGIN for Summer 2015 Basic Skills Mathematics Classes"
3. Find your class in the list (verify that I am the instructor, as there may be more than one section of this course).
4. Log in with your WebAdvisor username: <first initial> + < last name> + <last 3 digits of ID#>
   Your initial password is your 7-digit student ID#
5. Click on the Assignment title, wait for the assignment to load, then open the assignment.
6. Click on "Begin Assignment" button, and then scroll through the problems using the "Next" and "Back" links. NEVER USE YOUR BROWSER'S BACK BUTTON, AS THIS WILL TAKE YOU OUT OF OPTIMATH!!
7. When you are finished, click the "End Assignment" button. You will then see your score and be able to view the solutions to each problem.

Note: If you are trying to test out of Math 120 and into a transfer level mathematics course for Fall semester or later, it is recommended that you score at least 80% correct on each module's completion quiz. Regardless of your score, you will still be required to take the Accuplacer Placement Exam outside of class.

Placement Exam
If you are going to take the Math Placement Exam after this review course, you must schedule a time to take the exam with Tina Vaughan in the ASC Testing Center (707) 476-4106 or (707) 476-4168, tina-vaughan@redwoods.edu. Please remember that there is a lot of testing going on right before a new semester, so plan to contact her soon to schedule a time, as spaces fill quickly.

I reserve the right to modify this syllabus.