Syllabus for: Math 301/302/303	
Semester & Year:	Spring 2014
Course ID and Section Number:	E5518/E5519/E5520
Number of Credits/Units:	1
Day/Time:	MWTTh 9:30-11:35 am SC 204
Location:	1/6/14-1/16/14
Instructor's Name:	Chris Panza
Contact Information:	Office location and hours: 216I MTWTh 11:40-12:30 Phone: 707-476-4100 x4856 Email: chris-panza@redwoods.edu

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

301:

A review course covering material from Math 376 (Prealgebra). This review course is designed for students preparing to place into Math 380 (Elementary Algebra). Content will include: review of arithmetic operations involving fractions, decimals, and signed numbers; review of problem-solving strategies for problems involving ratios, percents, and geometry; review of basic algebra concepts; review of techniques for simplifying algebraic expressions and solving linear equations.

302:

A review course covering material from Math 380 (Elementary Algebra). This review course is designed for students preparing to place into Math 120 (Intermediate Algebra). Content will include: review of linear equations and linear inequalities in one variable; review of linear equations in two variables; review of systems of linear equations; review of integer exponents and polynomials; review of factoring; and review of radical expressions and equations.

303:

A review course covering material from Math 120 (Elementary Algebra). This review course is designed for students preparing to place into a transfer level mathematics course. Content will include: review of linear equations and inequalities in one variable; review of logic; review of linear functions; review of quadratic and polynomial functions; review of rational functions; review of exponential and logarithmic functions; review of radical functions.

Student Learning Outcomes (as described in course outline) :

301:

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: operations with rational numbers, solving algebraic equations, and basic geometry.

302:

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: solving linear equations, graphing linear equations, polynomials and factoring and, simplifying radical expressions.

303:

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: linear equations and 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 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.

MathJam Algebra Review
Spring 2014
SC 204 • MTWTh 9:30am − 11:35am

Instructor: Chris Panza
Email: chris.panza.cr@gmail.com

Website: http://msemac.redwoods.edu/∼cpanza/

Phone: (707) 476-4100 x4856

Office: SC 216I

Course Description
A review course covering material from Math 376 - Prealgebra (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 or who will be attempting to place higher by (re)taking CR's in-house 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.

Website
MathJam: http://mathrev.redwoods.edu/mathjam/

Grading
This class is a "Pass/No Pass" class. Credit for the class is based on attendance.

Attendance
The class grade is based on your attendance. You must attend each class session. If something comes up preventing you from attending, notify me immediately and we'll work it out.

Recommended Materials
Bring a pen or 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 do so 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.

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/.

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.

The course is split into 6 Modules. We will cover about one module per day. I will lecture for 10 - 15 minutes on a particular topic in that module and then you will spend 20 - 30 minutes working 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. The exercises and completion quizzes are designed to prepare you to take the math placement exam. I will be alternating between the three levels of review, so you must be willing to rely on the available text, solutions to the exercises, and wait patiently for a tutor to be able to answer your question when I am busy with one of the other levels.

OPTIMATH

1. In your browser, open a new tab or window and go to http://mathrev.redwoods.edu/optimath/.

2. Click the link that says, "LOGIN for Spring 2014 basic skills mathematics classes."

3. Find your class in the list (verify that I am the instructor) and click on the section number.

4. (a) Log in: the username is the same as WebAdvisor (without any hyphens),

    <first initial> + <last name> + <last 3 digits of ID#>

    and the initial password is your 7-digit ID#. It is recommended that you change your password the first time you successfully log in.

   (b) When you click on an assignment title, wait while the assignment is prepared, then open the assignment.

   (c) Click the "Begin Assignment" button, and then scroll through the problems using the "Next" and "Back" links. **NEVER USE THE BACK BUTTON ON THE BROWSER!!**

   (d) When you are finished, click the "End Assignment" button. You will then see your score and be able to look through the solutions.

    * It is highly recommended that you do all of the exercises and completion quizzes without a calculator since you will not be able to use one on the placement exam.
    ** You can take each assignment as many times as you would like.

Placement Exam
If you are going to take the Math Placement Exam after the review course, you must schedule a time with Tina Vaughan in the ASC (707-476-4168, tina-vaughan@redwoods.edu). Tell her that you would like to take the OPTIMATH placement exam. Contact her soon.

Tutors
Kelsey Burrell
Michael White