CR COLLEGE OF THE REDWOODS

Syllabus for Math 304/204
Algebra Review for Introduction to Chemistry

Course Information

Semester & Year:	Fall 2019
Course ID & Section #:	**Math 304** – E8876 – Algebra Review for Introduction to Chemistry **Math 204** – E9004 – Algebra Review for Introduction to Chemistry (Non-Credit)
Instructor's name:	Amber Buntin
Day/Time or *Online:	Mondays/Wednesdays 10:00-11:30am, 8/26/19-10/16/19, 27 Class/Lab Hours Total
Location or *Online:	Science Building - Room SC 106
Number of units:	**Class contact hours throughout semester: 27 Hours** **Math 304** – 0.5 Unit Lab **Math 204** – 0 Units (Free Non-credit course)

Instructor Contact Information

Office location or *Online:	SC 216K
Office hours:	Tuesdays/Thursdays 11:30-12:30pm
Phone number:	707-476-4207
Email address:	Amber-Buntin@redwoods.edu

Required Materials

Textbook Title:	None
Other requirements:	Worksheets and lessons will be given in class. Calculator recommended.

Catalog Description

A review course (Credit and Non-Credit) covering material from algebra and geometry that students will need to be successful in Chemistry 2, "Introduction to Chemistry." Additionally, students will be able to practice new math skills used in Chemistry, such as unit conversions and significant figures. **Note:** Students are encouraged to take this course the SAME semester they take Chemistry 2, "Introduction to Chemistry."

Course Student Learning Outcomes *(from course outline of record)*

1. Review and apply algebraic skills for application in chemistry.

Evaluation & Grading Policy

Your final grade in this lab course (Pass or No Pass) is determined by active participation in class and completion of class/lab activities.

Prerequisites/co-requisites/ recommended preparation

None

Preferred Name in Canvas

Students have the ability to have an alternate first name and pronouns to appear in Canvas. Contact Admissions & Records to request a change to your preferred first name and pronoun. Your Preferred Name will only be listed in Canvas. It does not change your legal name in our records. See the Student Information Update form.

Math 304/204 ~ Algebra Review for Introduction to Chemistry

Mon/Wed – 10:00 - 11:30am – 8/26/19-10/16/19

SC 106 (Course numbers 048876/049004)

This class is a combination of students registered in Math 304 (0.5 unit credit) and students registered in Math 204 (non-credit).

Instructor Contact Info

Amber Buntin, Assistant Professor, Department of Mathematics

Email: _amber-buntin@redwoods.edu_ **Canvas message** is the preferred way to contact me!

Phone: _707-476-4207_

Office hours (SC 216K): Tues/Thurs 11:30am-12:30pm

Math Lab Open Hours (Located in the back of ASC): Mon/Wed 1-2pm
***Note: You must be **signed up** for Math 252 (FREE non-credit) to utilize the math lab. In the Math Lab there are little red flags on the tables that you raise when you have a question.

Classroom Environment, Participation, and Attendance

It is essential to our class that both the students and teacher behave in a manner that will provide a comfortable learning atmosphere. Be respectful to one another. You should not hesitate to ask questions nor feel embarrassed to ask for help.

You are expected to arrive on time and to leave upon dismissal. Arriving late or leaving before class is dismissed is disruptive and disrespectful to your fellow students as well as your teacher. Please be prepared with your headphones put away and cell phones SILENCED.

Class Information and Expectations

During our class, I will give math lessons on topics that are essential to success in CHEM-2. We will have an assortment of paper worksheets, activities, online assignments etc throughout the course. There will be some flexibility with topics covered based on student need. Students in this course can inform me what **math** topics they are struggling with in CHEM-2 and I can focus part of the lesson on that topic. We may also have study/work days throughout the semester where students work together to prepare for Chemistry exams.

Course Grade

Math 304/204 are "Pass/No Pass" courses; there is **no** option for a letter grade.

In order to receive a grade of "PASS" Math 304/204 students must:

- participate in individual and group lab-activities and written assignments.
- attend class daily and miss **NO MORE THAN 4 class sessions.**

Required Materials

Please come to class daily with a composition notebook or lined paper, a binder, a scientific or graphing calculator (if you have one), and pencil and eraser.

Canvas

I will send communications via canvas. I may use our course canvas page to post documents, handouts, review worksheets and more. Be sure to turn on your notifications if you'd like to be notified about changes to the canvas page.

Link to Canvas: https://redwoods.instructure.com/

Faculty Withdrawal of Students

It is the policy of the College of the Redwoods Department of Mathematics to exercise a "Faculty Withdrawal" for any student who has missed more than 15% of the class meeting time (~4 days) due to the severely diminished likelihood of a successful course outcome. Missing 2 or more classes in the first two weeks of school may result in withdrawal as well.

It is important to note that, if it is your intention to withdraw from the course, you are responsible to ensure the proper paperwork has been filed – that is, you should not assume the teacher will file the "Withdrawal" automatically.

Tips for Success!

- ✓ Cultivate a positive attitude; Make friends and work productively together in groups.
- ✓ Come to class! – Attend class every time on-time and stay the whole time.
- ✓ Ask questions – lots of questions – to yourself, to classmates, to tutors and to the instructor.

Final Words

A few words about my expectations for you and myself in this course: My responsibilities include coming to class prepared to teach you mathematics, giving clear lessons, assigning carefully chosen activities that are relevant to our course and carefully preparing questions that help deepen your understanding. Additionally, I am responsible to be available to you outside of class for consultation in office hours (by appointment…just email me ☺).

Likewise, I believe that you are ultimately responsible for your college education and I expect you to come to class prepared, alert and motivated to learn the material. This involves keeping up with assignments, seeking additional help, either from me or from the many resources available to you here on campus, before it is too late.

Useful Resources & Links

(Open syllabus thru canvas to click links directly)

FREE College of the Redwoods Textbooks

Prealgebra Textbook (Math 376): http://msenux2.redwoods.edu/PreAlgText/

Elementary Algebra (Math 380): http://msenux2.redwoods.edu/ElemAlgText/

Intermediate Algebra (Math 120):   http://msenux2.redwoods.edu/IntAlgText/

***Some of the more advanced classes have books on reserve in the library and some of them can be checked out for use for the entire semester. Ask your instructor and/or the library depending on what course you are enrolled in. ***

Useful Online Studying Resources

College of the Redwoods Math Review Page (for Self-Paced Review):
http://msenux2.redwoods.edu/mathjam/?s=public

KUTA worksheets with solution keys (Prealgebra to Algebra II, & Geometry):
http://www.kutasoftware.com/

More Math Worksheets with Solution Keys (Mainly Arithmetic and Prealgebra):
http://www.superteacherworksheets.com/

Videos on MANY math topics (Prealgebra to Calculus):
http://www.onlinemathlearning.com/calculus.html

Many of the above pages have topic lists down the left-hand side and you must search for worksheets/videos by topic.

Tutorials created by students for students (Elementary Algebra):
http://www.mathpower.com/tutorial.htm

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******************* Syllabus Subject to Change *****************************
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