

**MATH-302-8015**  
**Beginning Algebra Review**

<b>Semester &amp; Year:</b>	Fall 2015
<b>Course ID and Section Number:</b>	MATH-302-E8015
<b>Number of Credits/Units:</b>	1 unit
<b>Day/Time:</b>	M – TH 4:30 – 5:35pm
<b>Location:</b>	SC 214
<b>Instructor's Name:</b>	Kyle Falbo
<b>Contact Information:</b>	Office hours: Thursday 2:30 – 4:30 TBD Email: <a href="mailto:kyle-falbo@redwoods.edu">kyle-falbo@redwoods.edu</a> or via Canvas

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

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.

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

**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.

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.

***\* I reserve the right to change this syllabus at any time.***

## **Math 302 – Elementary Algebra Review (for Placement into Math 120)**

M-Th – 4:30pm-5:35pm – SC 214

### **Instructor**

Kyle Falbo, Mathematics Department

**Email (Preferred):** kyle-falbo@redwoods.edu

### **Course Description**

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. This is a credit/no credit course based on attendance.

### **Classroom Environment 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 of one another. You should not hesitate to ask questions nor feel embarrassed to ask for help. Please be prepared with your headphones put away and cell phones turned on silent. Texting will not be tolerated. You are expected to arrive on time and to leave when the class is dismissed. Arriving late or leaving before class is dismissed is disruptive and disrespectful to your fellow students as well as your teacher.

### **Course Work**

The course will proceed as follows:

- This review course is broken up into 6 modules (We will cover about one module a day).
- Each module has 2 or 3 skills (labeled A, B, ...) to be reviewed.
- Each skill has a PDF text file, with examples, explaining that particular skill.
- Each skill has some exercise sets for practice available on OPTIMATH, our online testing system.
- After reviewing and practicing each skill within a module, complete the Module Completion Quiz available on OPTIMATH.

### **Course Goals**

1. If you just want to review and you think you are taking (or placed into) the appropriate course in Fall 2015
  - It is recommended that you complete all exercise sets and receive passing grades (at least 70%) on all completion quizzes.
2. If you would like to test out of Math 380 and take Math 120 in the future (Not Fall 2011)
  - It is recommended that you complete all assignments and receive at least 80% on each completion quiz.
  - You will be required to take the placement exam, outside of class. Upon results, you will either be granted placement into Math 120, or keep your current placement in Math 380.