REEDLEY COLLEGE: FALL 2014
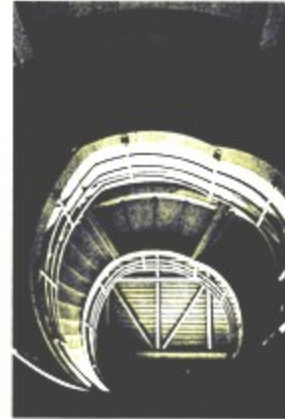
Course: Math 250 ALGEBRA TOPICS
Section: 59926
Units: 3
Hours: TTH: 6:00 pm - 7:15 pm
Room: FEM 4
Instructor: Hyangsug "Suely" Lee
Instructor Email: suely.lee@reedleycollege.edu

COURSE DESCRIPTION:
This course is designed as a quick review of college arithmetic to prepare the student for MATH 256 or MATH 101. Topics include arithmetic operations on integers, fractions and decimals; application of order of operations to simplification of mathematical expressions; word problems and applications of arithmetic using ratios, proportions and percents.

COURSE OUTCOMES:
Upon completion of this course, students will be able to:
        A. Apply the four arithmetic operations to integers.
        B. Apply the four arithmetic operations to fractions.
        C. Apply the four arithmetic operations to decimals.
        D. Evaluate integers raised to whole number exponents using the definition of exponents..

COURSE OBJECTIVES:

In the process of completing this course, students will:
- A. Develop an understanding of the base ten number system.
- B. Learn basic addition and multiplication facts of single digit integers.
- C. Learn, practice and apply the operations of addition, subtraction, multiplication and division of rational numbers.
- D. Convert numbers between decimals and fractions.

APPROPRIATE READINGS:
- A. Sample Text Title:
  - I. McKeague, P. Charles *PreAlgebra*, ed. 6 Brooks/Cole, Belmont 2010,
- B. Other Readings
  - _ Global or international materials or concepts are appropriately included in this course.
  - _ Multicultural material and concepts are appropriately included in this course.

REQUIRED MATERIALS:
Two spiral grid-paper, notebooks, 3-Ring Binder, pencils, eraser, ruler, Scientific Calculator (No TI-89 or cell phones with similar features)

HOMEWORK/PROJECTS(Option1: MyMathLab, Option 2: By hand)
I. Homework is assigned on a regular basis. All homework must be submitted on the due date at the beginning of the class.
(You are allowed to work on homework problems together, but make sure the work you submit is that of your own!)
II. If done by hand, every assignment must be shown legibly.
III. Late homework can only receive 75% of the total points possible with excuse.
IV. If you are absent, check the assignment with your classmate or **check current homework information on Blackboard** or **check MyMathLab** or send an email to me.

ATTENDANCE:
Students are expected to attend all class meetings, be on time, and be in class the ***entire*** class session. Attendance will be checked at the beginning of each class. Please sign up on Attendance sheet every session. 2 absences in a roll without excuses need to be reported before class by email also prepared to take a quiz for the materials that was covered in class.
Excessive absences may result in the instructor dropping you from the course. I consider **four absences excessive.**
 If you decide to drop the course, you must make the drop official at the Administrations and Records office.

ACADEMIC HONESTY:
Cheating and Plagiarism are not acceptable.
- Please make sure any work produced is of your own.

- Two identical tests will be considered as both students' cheating
- If you are having trouble in the course, come talk to me FOR HELP.

CLASSROOM ETIQUETTE:

- If arriving late or leaving early, please do so in a manner that avoids disrupting the class.
- All electronic devices are to remain off during lecture. In particular, **cell phones are to remain on silent and put away with vibrate feature turned off during class. There will be no texting or answering of phone calls during class.**
- If you miss class, it is your responsibility to find out what you've missed.
- All electronic devices are to remain off during lectures. In particular, cell phones are to remain on silent and put away with vibrate feature turned off during class. There will be no texting or answering of phone calls during class.
- As you find yourself working with classmates, be respectful of individual differences.
- Refrain from using vulgar language including, but not limited to racial, gay, or gender slurs.
- Personal needs (i.e., using the restrooms) must be taken care of before class begins.

EXAMS/QUIZZES :
- Four 1hr-Chapter Exams

- Quizzes (Individual work)

- Quizzes (Group work)

FINAL EXAM: *Tues., Dec 9, 2014; 6:00-7:15 pm*

GRADING:
A 90 - 100; **B** 80 - 89; **C** 70 - 79; **D** 60 - 69; **F** 0 - 59

Class participation : 5%
Attendance : 5 %
Homework : 10 %
Quizzes (Individual work & Group work): 20%

4 Tests : 40% In-class

Final Exam: 20%

SPECIAL NEEDS REQUESTS:
If you have a verified need for an academic accommodation or materials in alternate media ((i.e. Braille, large print, electronic text, etc.) per the Americans with Disabilities Act (ADA) or Section 504 of the Rehabilitation Act, please contact me as soon as possible.

Math 201 Elementary Algebra: Course Outline and Contents:

Topic	Objectives
A. Whole numbers	1. Understanding Whole Numbers and the Base Ten number system 2. Addition of Whole Numbers 3. Subtraction of Whole Numbers 4. Multiplication of Whole Numbers 5. Division of Whole Numbers 6. Exponents and Order of Operations 7. Rounding and Estimation 8. Applied problems involving Whole Numbers
B. Fractions	1. Understanding Fractions 2. Simplifying Fractions 3. Improper Fractions and Mixed Numbers 4. Multiplication of Fractions and Mixed Numbers 5. Division of Fractions and Mixed Numbers 6. Least Common Denominator 7. Addition and Subtraction of Fractions 8. Combining Mixed Numbers and ORder of Operations 9. Applied problems involving Fractions
C. Decimals	1. Decimal Notation 2. Comparing, Ordering, and Rounding Decimals 3. Addition and Subtraction of Decimals 4. Multiplication of decimals 5. Division of Decimals 6. Converting Fractions to Decimals and Order of Operations 7. Applied Problems Involving Decimals
D. Integers	1. Addition of integers 2. Subtraction of integers 3. Multiplication of integers 4. Division of integers 5. Integers raised to whole number exponents

ACADEMIC CALENDAR FALL 2014:

Important Dates:

Aug 11 (M)	Start of Fall 2014 semester
Aug 22 (F)	Last day to request an Enrollment Fee Refund
Aug 29 (F)	Last Day to register for a full-term class for FALL 2014
Aug 29 (F)	Last day to drop to avoid a "W" (in Person)
Aug 31 (S)	Last day to drop to avoid a "W" (on WebAdvisor)
Sep 1 (M)	Labor Day Holiday (No classes held, campus closed)
Sep 12 (F)	Last day to change a class to/from a Pass/No-Pass grading basis
Oct 10 (F)	Last day to drop a full term class (in person) (letter grade assigned after this)
Nov 11 (T)	Veterans Day observed (No classes held, campus closed)
Nov 27-28 (Th-F)	Thanksgiving Holiday (No classes held, campus closed)
Dec 8-12 (M-F)	Final Exam Week
Dec 12 (F)	End of Fall 2014 semester