

REEDLEY COLLEGE

COURSE SYLLABUS FOR MATH 256

SUMMER SEMESTER, 2013

Instructor:	Sergio Renteria	
Class meets for 6 weeks:	June 17-July 26, 2013	
Class will not meet:	July 4, 2013	
Required Textbook:	Pre-Algebra by Carson (Reedley College Edition)	
Course Prerequisites:	Successful completion of Math 250 or placement test indicated eligibility for Math 101.	
Course Description:	A pre-algebra class designed to cover the basic concepts initially taught in an elementary algebra class. Units taught will include integers, algebraic expressions and polynomials, equations, graphing linear equations and inequalities, and rules of exponents.	
Course Outline:	Integers	Test #1
	Expressions & Polynomials	Test #2
	Equations	Test #3
	Graphing	Test #4
	Quizzes (optional)	Test #5
	Final	Test #6
<u>Final Grade:</u>	Homework	20 %
	Tests	65 %
	Final Exam	15%

Attendance and Punctuality:

1. Attendance in class and punctuality in getting to class is a **requirement**, not an option.
2. The instructor reserves the right to drop a student on the **4th absence from class**.
3. All class sessions will begin **on time**, do not come to class late it disrupts the class.

Homework and Test Policies:

1. Homework will be assigned **every class period**.
2. Homework not submitted when due will be **recorded as a "0"**.
3. The presentation of homework will be neat, organized, and legible. If not, the student will receive no credit.
4. A test will be given at the end of each unit; **no make-up exams will be given**.
5. The final exam will be given the last day that the class meets.

Evaluation:

1. All homework, quizzes, and tests will be assigned a designated number of points.
2. To determine the final grade, each student's total points will be divided by the total points possible to determine a percentage; **the following grading scale will be used:**

89-100% = A

78-88% = B

65-77% = C

55-64 % = D

0-54 % = F

Special Notes:

No cell phones/pagers allowed during class time. No baseball caps, sunglasses during class and attitudes detrimental to the learning process will be removed.

Accommodations for Students with Disabilities: If you have a verified need for an academic accommodation or materials in alternate media (i.e., Braille, larger print, electronic text, etc.) per the Americans with Disabilities Act (ADA) or Section 504 of the Rehabilitation Act, please contact the instructor of this course immediately.

Course Objectives: In the process of the course students will:

1. Use a number line to derive the rules for addition of positive and negative numbers.
2. Simplify and evaluate algebraic expressions.
3. Differentiate between an expression and an equation.
4. Identify monomials, binomials, trinomials and polynomials.
5. Identify and combine like terms in simplifying polynomials.
6. Add, subtract, and multiply polynomials.
7. Solve linear equations in one variable.
8. Set up a Table of Solutions for linear equations and inequalities in two variables and graph those solutions.

Course Outcomes:

1. Apply the Order of Operations and rules of exponents to integers.
2. Simplify and evaluate algebraic expressions.
3. Apply the addition and multiplication properties of equality to solve linear equations in one variable.
4. Factor the greatest common factor out of an algebraic expression.
5. Generate a Table of Solutions and graph its ordered pairs for linear equations and inequalities.

