MATH 101 Beginning Algebra REEDLEY COLLEGE

(Section #72784) Spring 2011

MW 6:00-8:15 P.M. 1/10-5/20/2011

Sanger High School

Instructor: Bob Rutherford

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COURSE DESCRIPTION: Operations with signed numbers, algebraic expressions, linear equations and their graphs, inequalities, exponents, radical expressions and equations, factoring, rational expressions and equations, quadratic equations and applications

OBJECTIVES: Students will be able to:

-solve linear, quadratic, rational, and radical equations, systems of equations and inequalities.

-graph linear equations and inequalities and understand the relationship between a graph and the equation that generates it.

-understand, set up, solve, and interpret the solution of application problems.

REQUIRED TEXT: George Woodbury, Elementary and Intermediate Algebra, Pearson Addison Wesley Publishing, Second Edition, 2009.

MATERIALS REQUIRED: Textbook, pencil, paper, graph paper

ATTENDANCE: Students are expected to attend all class meetings, be on time, and be in class the entire class session. Students are required to participate in all class discussions and activities. Each evening will count as two (2) class sessions. Arriving late or leaving early will be counted as an absence. Missing an entire evening will count as two (2) absences. Eight (8) absences may result in a drop from the course. If you decide to drop the course it is your responsibility to make the drop official in the Administration and Records Office or you could receive an F grade. The drop deadline is March 11, 2011. There will be no class on Monday, January 17, or on Monday, February 21, 2011. Spring break is April 18-22, 2011.

HOMEWORK: Homework will be collected each time we meet. Each assignment collected will be graded on completeness, neatness, and effort. Homework should be written on 8.5” x 11” paper, stapled in the upper left hand corner, and in order. Record your name, the class name, the chapter, section, and page number. Problems must be written out (except word problems) and all work must be shown in order to receive credit. Late homework will be worth 60% credit up to one week late. After one week late homework will not be accepted. Homework not turned in because of absence is considered late.

TESTS: There will be seven chapter tests, occasional quizzes, and a comprehensive final exam. The final exam is scheduled for Monday, May 16, during the regular class time. Make up exams must be arranged for and taken ahead of time. Missing a test without prior arrangements will result in a zero on the test.

SPECIAL NEEDS REQUESTS: If you have special needs as addressed by the Americans with Disabilities Act (ADA) including alternate media requests, please notify your course instructor immediately. Reasonable efforts will be made to accommodate your special needs.

GRADING: Tests and quizzes account for approximately 70% of your grade, homework will account for approximately 25% of your grade, and class projects will account for approximately 5% of your grade. A lack of participation in class activities will result in a deduction of your grade.

The grading scale will be:

Percent of Total Points Grade

* 1. A
  2. B
  3. C
  4. D

0 –54 F

Please turn off cell phones, pagers, etc. during class. Also, children are not allowed in class.