BEGINNING ALGEBRA *(Online)*

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.

PREREQUISITE:
Math 250 or its equivalent or eligibility as determined by the assessment process

OBJECTIVES:
Students will be able to:
- learn the real number system, its subsets and how to perform operations on numbers from these subsets.
- simplify algebraic expressions and solve linear equations and inequalities
- graph linear equations in two variables and solve systems of linear equations.
- simplify expressions using the properties of exponents and perform operations with polynomials.
- factor algebraic expressions and solve equations of degree greater than one.
- perform arithmetic operations on rational expressions and solve equations containing rational expressions.

REQUIRED TEXT: Charles P. McKeague, <u>Elementary and Intermediate Algebra</u>, Saunders College Publishing, 2007. ISBN: 9780495448266

HOMEWORK:
Homework assignments are completed online and the assignments can be found at the *WebAssign* website. You may work ahead if you like; all homework for the entire course is now available to the student. ***It is important to stay current to be successful in the course!*** All homework is due ***the day before*** the online exam. **Do not expect to take the exam and then complete the homework.** Each chapter's assignments have a due date and the assignment will be unavailable to the student after the due date. **No late homework will be accepted**. Online homework will account for **10%** of your grade.

Note: When working on homework, you do not have to complete an entire assignment during one session. If you need to stop while in the middle of an assignment, simply hit the **Save Work** *icon and the program will save your work. You can then come back to the assignment and continue from where you left off at another time.*

ONLINE TESTS: There will be six (6) online tests given, one for each chapter of material covered in the course. All online tests are available as of the start of the semester. However, each test has a deadline and each test will cease to be available after its deadline. Each exam is worth **100 points** and Online Tests will account for **30%** of your grade.

Note: Before you begin an online exam, <u>be sure you have everything you need and will not be interrupted</u>. Once you begin the exam you will have 90 minutes to complete it. After the 90 minutes have expired the exam will no longer be available to you. It is <u>not possible</u> to stop the exam and return to it later!

MIDTERM EXAM: There will be one (1) Midterm Exam which will be given at the Reedley College Campus. The Midterm Exam will be worth 100 points, will cover **Chapters 1, 2 and 3**, and will require all work to be shown for each problem in order to receive full credit. Two hours will be allowed to take the Midterm Exam. The Midterm Exam will account for **30%** of your grade.

FINAL EXAM: A two hour **comprehensive** final exam worth 100 points will be given at the end of the semester during finals week on the Reedley College campus. This final exam will account for **30%** of your grade.
Note: Calculators may be used on both the midterm and final exam. Cell phones are <u>NOT</u> to be used as calculators and should not be in plain view while taking an exam.

Students will need to present a valid picture I.D. in order to take both the midterm exam and the final exam. <u>**NO STUDENT WILL BE ALLOWED TO TAKE THE MIDTERM EXAM OR THE FINAL EXAM WITHOUT A VALID DRIVER'S LICENSE OR PICTURE I.D.**</u>

<u>**GRADING:**</u>
Weight of course components: **Grade in the course:**

HOMEWORK	10%
ONLINE EXAMS	30%
ONCAMPUS MIDTERMS	30%
FINAL EXAM	30%

100 – 90%	A
89 – 80%	B
79 – 70%	C
69 – 60%	D
< 60%	F

The instructor reserves the right to make slight adjustments in the grading scale.

<u>***Important Dates***</u>***:***
June 18, 2008 – Last day to add
June 24, 2008 – Last day to file for Credit/No Credit grading basis
July 7, 2008 – Last day to drop

Final Exam: Thursday, July 31, 2008, 6:00 – 7:50 (Reedley College Campus)