

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.

TEXT: George Woodbury, Beginning & Intermediate Algebra, 2nd Edition

COMPUTER REQUIREMENTS:

<i>With WINDOWS operating systems:</i>	<i>You can use these browsers:</i>
Windows 2000, Windows XP, and Windows Vista™	Internet Explorer 6.0 (XP Only) Internet Explorer 7.0 Firefox 2 Firefox 3
<i>With MACINTOSH operating systems:</i>	<i>You can use these browsers:</i>
MacOSX 10.4, MacOSX 10.5	Safari 3.1 (Recommended) Firefox 2 Firefox 3

- ❑ Internet Connection: Cable/DSL, T1 or other high-speed connection. Dial-up will **greatly limit** the resources you will be able to access from the online courseware.

HOMEWORK:

Homework assignments are completed online and the assignments can be found at the *Course Compass* website. You may work ahead if you like; all homework for the entire chapter will be made available to the student approximately two weeks before the start of the chapter. ***It is important to stay current to be successful in the course!*** The program is set up so that you must complete ***all*** the homework of a chapter with at least 70% success to be able to take the chapter exam. **Do not expect to take the exam and then complete the homework.** Each assignment has 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 **Submit** 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.*

Quizzes: There will be two online quizzes for each chapter. These quizzes will have a time constraint and you will be allowed **two attempts** for each quiz. Quizzes will account for 10% of your grade.

ONLINE TESTS: There will be seven (7) online tests given, one for each chapter of material covered in the course. Tests will be available approximately one week prior to the deadline. After the deadline the test will no longer be available. Failure to take an exam will result in a grade of zero for that exam. Each online test is worth 100 points and Online Tests will account for 20% of your grade.

Note: The program will not allow you to take the exam unless you have completed all homework with at least 70% success. 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 not possible to stop the exam and return to it later!

MIDTERM EXAMS: There will be three (3) Midterm Exams which will be given at the Reedley College Campus. Students will need to present a valid picture I.D. in order to take the exam. Each Midterm Exam will be worth 100 points, will cover two chapters, and will require all work to be shown for each problem in order to receive full credit. Two hours will be allowed to take each Midterm Exam. Midterm Exams will account for 40% 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 20% of your grade.

GRADING:**Weight of course components:**

HOMEWORK	10%
QUIZZES	10%
ONLINE EXAMS	20%
ONCAMPUS MIDTERMS	40%
FINAL EXAM	20%

Grade in the course:

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

Note: I reserve the right to make slight adjustments in the grading scale.

Important Dates:

- *January 18, 2010 – Martin Luther King, Jr. Day (no class)*
- ***January 29, 2010 – Last day to add or to drop and avoid a "W"***
- *February 12-15, 2010 – Lincoln and Washington Day (no class)*
- *February 16, 2010 – Last day to file for Pass/No Pass grading basis*
- ***March 12, 2010 – Last day to drop***
- *March 29 – April 2, 2010 – Spring Recess*

Final Exam: Tuesday, May 18, 2010, 6:00 – 7:50, CCI-206

<p><i>NOTE: If you have a verified need for an academic accommodation or materials in alternate media per the Americans with Disabilities Act or Section 504 of the Rehabilitation Act, please contact me as soon as possible.</i></p>
