

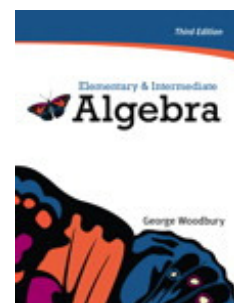
BEGINNING ALGEBRA - Online

COURSE DESCRIPTION:

This is a first course in elementary algebra including: algebraic expressions, linear equations and inequalities, linear equations and inequalities in two variables, exponents and polynomials, factoring and rational expressions.

PREREQUISITE: Successful completion (grade of **C** or better) of Math 250 or eligibility as determined by the assessment process

TEXT: George Woodbury, Beginning & Intermediate Algebra, 3rd Edition



MATERIALS NEEDED:

- ❑ **Two spiral gridpaper notebooks, Cambridge brand in the bookstore. No other notebooks accepted!**
- ❑ Pencil(s)
- ❑ Scientific Calculator (No TI-89 or cellphones)
- ❑ **Access Code to Course Compass (MyLab/Mastering)**
- ❑ 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 three days 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 15% 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 icon and the program will save your work. You can then come back to the assignment at another time and continue from where you left off.*

Save

Homework Notebook: All homework problems are to be worked out completely, with all work shown in one of the two **gridpaper spiral notebooks** listed in the materials list. These notebooks are to be used **exclusively** for this class. Each assignment and the problems of the assignment are to be clearly labeled and answers are to be boxed. The **Homework Notebook** will be collected on the **day of each midterm** and on the **day of the final exam**. Each notebook grade will be worth **two homework** assignments. **No late notebooks will be accepted.**

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 15% of your grade.

Note: The program will not allow you to take the exam unless you have completed all homework for that chapter 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! If you attempt to do this you will be locked out of the program and will have to contact me for access to the course.

MIDTERM EXAMS: There will be three (3) Midterm Exams which will be given at the Reedley College Campus. Each Midterm Exam will be worth 100 points, will cover two to three 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. **Students will need to present a valid picture I.D. in order to take the exam.**

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. **Students will need to present a valid picture I.D. in order to take the exam.**

GRADING:

- **Homework** will represent 15% of the final course grade.
- **Online Exams** will represent 15% of the final course grade.
- The **three midterm exams and the final exam** will represent 70% of the final course grade.

Example: If your homework average is 85, the average of your online exams is 75 and the average of your midterm exams and the final is 78, then you would compute your grade as follows:

$$(.15)(85) + (.15)(75) + (.70)(78) = 12.75 + 11.25 + 54.6 = 78.6$$

- Your grade will then be determined by the following **grading scale**:

% Earned	Grade
90 – 100	A
80 – 89	B
67 – 79	C
55 – 66	D
0 – 54	F

Academic Dishonesty: Academic dishonesty in any form is a very serious offense and will incur serious consequences, including but not limited to receiving a grade of F in the course. For the college policy on cheating and plagiarism, see the college catalog.

Important Dates:

- January 27, 2012 – Last Day to Add*
- February 10, 2012 – Last day to file for Pass/No-Pass grading basis*
- March 9, 2012 – Last day to drop*
- April 2 – 6, 2012 – Spring Recess*
- FINAL EXAM DATE:**

Tuesday, May 15, 2012: 6:00 - 7:50 (CCI-206)

COURSE 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.

COURSE CONTENT OUTLINE

Chapter 1: Review of Real Number

Chapter 2: Linear Equations

Chapter 3: Graphing Linear Equations

Chapter 4: Systems of Equations

Chapter 5: Exponents and Polynomials

Chapter 6: Factoring and Quadratic Equations

Chapter 7: Rational Expressions and Equations