Math B50    Spring 2014    PreAlgebra

Instructor: Regina Hukill    E-mail: rhukill@bakersfieldcollege.edu
Office: MS 107E    Phone: 395-4331    Website: http://www2.bakersfieldcollege.edu/rhukill/

Supplies: Pencils, binder paper and binder, OR spiral notebook. Note: Scientific calculators are not allowed until Chapter 6. I recommend the TI-30X IIB or the TI-30X IIS. These are also good scientific calculators for Math 60 and 70, and they usually cost less than $15.

There are many students on the waitlist for this class. For this reason, any student currently enrolled who is absent from class anytime during the first two weeks and does not contact the instructor will be dropped to make room for the students wanting to add from the waitlist.

Course Description: A general review of basic arithmetic including the fundamental operations of addition, subtraction, multiplication and division of whole numbers, fractions and decimals. Emphasis is placed on real life applications, including percent, ratios, proportions, exponents, averages, estimation, graphs and measurement. The introduction to algebra includes operations with signed numbers and solving simple equations.

Student Learning Outcomes:

1. Demonstrate the ability to add, subtract, multiply, and divide whole numbers, integers, fractions, mixed numbers, and decimals.
2. Solve Linear Equations by: a) Using the Addition/Subtraction property of equality, b) Using the Multiplication/Division property of equality, and c) Using both of the previous properties together.
3. Translate English sentences into algebraic equations.
4. Simplify mathematical statements using the correct order of operations.
5. Calculate the perimeter and area of rectangles and triangles. Calculate the area and circumference of a circle.
6. Find equivalent forms of number (i.e. change fractions to decimals or percents and vice versa, and change mixed numbers to improper fractions and vice versa).
7. Round whole number and decimals appropriately as directed.
8. Apply the concept of percent to real-world applications such as sales tax, discount, and simple interest.

Learning Experiences:

1. Bring each day to class – textbook, paper and pencils.
2. Mathematics is not a spectator sport. One learns by doing. We will spend considerable time at the beginning of each lecture working homework problems. If you are not able to solve a particular problem, do not hesitate to ask! Your classmates will be grateful.
3. In accordance with the Bakersfield College attendance policy, MTWR students with more than 8 absences will be dropped by the instructor. If you feel you must drop the class for any reason, it is YOUR RESPONSIBILITY to do so BEFORE the withdrawal deadline.
4. Leaving early or being late may result in you being dropped from the class because roll will be taken at any time during class. You must be in your seat to be counted as present. Also, roll may be taken more than once. THERE ARE NO EXCUSED ABSCIENCES.
5. Homework quizzes will be given during the first 10 minutes of class on dates to be announced. You may not use photocopies of any kind on a quiz. Your best 10 out of 11
scores will be recorded. **MAKE-UP QUIZZES WILL NOT BE GIVEN UNDER ANY CIRCUMSTANCES.**

6. Eleven exams will be given on dates to be announced. Your best 10 out of 11 scores will be recorded. **EXAMS CAN BE MADE UP ONLY FOR DOCUMENTED MEDICAL REASONS FOR THE STUDENT.**

7. An exam can be taken early only in extreme circumstances. Notification must be given 2 weeks prior to the exam, and this can be done only once per semester.

8. The midterm and final exam are cumulative. **YOU MUST TAKE THE MIDTERM AND THE FINAL EXAM.** If you do not take the midterm or the final exam, you will receive an F as your grade for the course.

9. It is very important to attend class regularly and to be punctual. **CLASS WILL START ON TIME EVERY DAY.** If you are late for a quiz, you will not be allowed to take, or makeup the quiz.

10. **PLEASE TURN OFF AND PUT AWAY ALL CELL PHONES AND LISTENING DEVICES BEFORE THE START OF EACH CLASS.**

11. It is very important to maintain a positive and respectful learning environment. A student who does not support this type of learning environment will be asked to leave class, and will be marked absent for that day.

**Point Distribution:**

<table>
<thead>
<tr>
<th>Item</th>
<th>Points</th>
</tr>
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<tbody>
<tr>
<td>Homework Quizzes</td>
<td>250</td>
</tr>
<tr>
<td>Exams</td>
<td>500</td>
</tr>
<tr>
<td>Midterm</td>
<td>100</td>
</tr>
<tr>
<td>Final</td>
<td>150</td>
</tr>
<tr>
<td><strong>Total Points</strong></td>
<td>1000</td>
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</table>

**Grades:**

<table>
<thead>
<tr>
<th>Percentage</th>
<th>Grade</th>
</tr>
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<tbody>
<tr>
<td>100 - 90</td>
<td>A</td>
</tr>
<tr>
<td>69 - 60</td>
<td>D</td>
</tr>
<tr>
<td>89 - 80</td>
<td>B</td>
</tr>
<tr>
<td>below 60</td>
<td>F</td>
</tr>
<tr>
<td>79 - 70</td>
<td>C</td>
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**Disability Services:**

Students with disabilities who believe they may need accommodations in this class are encouraged to contact Disabled Student Programs & Services located at Student Services Building, 1st Floor, Counseling Center (395-4334), as soon as possible to better ensure such accommodations are implemented in a timely fashion.

**Academic Dishonesty:**

Any form of academic dishonesty will not be tolerated and will result in a zero for that grade. This is the only warning you will receive. See the *Student Handbook* for possible disciplinary consequences of Student Misconduct at Bakersfield College.

**Habits of Mind:**

How will you succeed at BC this semester? What determines success is not circumstance, but habit. **Habits of Mind, It’s POSSIBLE at BC** has many free tools intended to help you accomplish your goals in school. Only you can overcome the challenges you face this semester and in life. Start out successfully with these steps:

- Download the app for Habits of Mind at Bakersfield College for power in your palm.
- Ask for help, do the work, and refuse to quit.