

Academic Development B78 – Fall 2009
Understanding Basic Math – Syllabus

Class #1 CRN 70791 Mon. & Wed. 4:10 – 5:35 p.m. – SS 3

Class #2 CRN 70799 Mon. & Wed. 6:00 – 7:25 p.m. – SS 3

Office Hours: Mon. - Thurs. 1:30 – 2:30 p.m., and Mon & Wed 5:30 – 6:00 p.m.

Instructor

Joyce Kirst, 395-4432 or 395-4433, Office – SS 204

Email: jkirst@bakersfieldcollege.edu

Web page: www2.bakersfieldcollege.edu/jkirst

Important Dates

Aug. 24 Instruction Begins

Sep. 4 Last day for refunds for semester length classes

Sep. 7 Labor Day Holiday

Sep. 21 Last day to drop from semester length classes without receiving W grades

Nov. 2 Last day to withdraw from semester length classes and receive W grades

Nov. 11 Veterans Day Holiday

Nov. 25 Classes starting at 5:30pm and after will not be held

Nov. 26 - Nov. 28 Thanksgiving Holidays

Dec. 7 - Dec. 11 Final Examinations

Course Description

Units: 3.00

This class is designed for students whose math placement score indicates that they are not ready for Math 50. The course emphasizes a review of basic arithmetic including whole numbers, fractions, decimals, and percents, with a special focus on word problems. Class activities include workbook problems, discussion, small groups, and individual work.

Students who believe they may need accommodations are encouraged to contact Disabled Student Programs and Services as soon as possible in FACE 16, 395-4334, to ensure that accommodations are made in a timely fashion.

Required Texts & Materials

- Workbook: **Number Power 2: Fractions, Decimals, and Percents**, by Jerry Howett, 2000. ISBN: 0-8092-9970-4 (available in BC Bookstore and on-line)
- Pencils and erasers
- Notebook paper
- Basic Calculator – Needed on October 19th and beyond.

Grading

A	B	C	D	F
93 – 100%	85 – 92%	78 – 84%	70 – 77%	Below 70%
1302 – 1400 points	1190 – 1301 points	1092 – 1189 points	980 – 1091 points	944 or fewer points

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- **Tests:** Tests (sometimes referred to as quizzes) account for 100% of your course grade. Each test is worth 100 points, except the Comprehensive Final, which is worth 300 points and is required to pass the course. Tests may be made up if you are absent; however, it is your responsibility to see me during my office hours (within one week of the missed test) to arrange a date/time for the make-up test.
- **Assignments:** All homework assignments must be turned in at the beginning of the class session when due; see the course sequence for assignments and due dates. The correct answers are in the back of your book, so check your answers as you go. Each homework assignment is worth 2 points of extra credit, for a total of 24 extra credit points. No late homework will be accepted.
- **Attendance:** I may drop a student after 4 or more absences, but it is your responsibility to officially withdraw before the deadline(s) if you wish to drop the class. If you are absent from class, you are still responsible for all information and work missed.
- **Tutoring:** If you need extra help, contact the Tutoring Center as soon as possible on the third floor of the Student Services Building, 395-4430. The Student Success Lab, located in SS 143 (below Tutoring) 395-4654, offers free computerized Math tutorials. While I am available to give you quick help during my office hours, this is not a substitute for Tutoring.
- **Arithmetic Facts:** This may be your last chance to learn your basic addition, subtraction, multiplication, and division facts. If you don't know your times tables yet, you may use a times table chart this semester, but do your best to memorize the facts so you can independently use them in the future.
- **Extra Credit:**
 - 1 – Each homework assignment is worth 2 points of extra credit, for a total of 24 extra credit points.
 - 2 – Your Math Journal with daily Actions, Reactions, and Action Plans, is due on December 2nd for up to 10 extra credit points.
- **Miscellaneous:** Please respect your classmates' efforts to learn. Turn off cell phones and don't eat or drink in class. Water bottles are allowed.

Course Student Learning Outcomes

After completing ACDV B78 students will be able to do the following:

1. Demonstrate proficiency in simple addition, subtraction, multiplication, and division of whole numbers.
2. Add and subtract proper fractions, improper fractions, and mixed numbers.
3. Multiply and divide proper fractions, improper fractions, and mixed numbers.
4. Add, subtract, and multiply decimals and mixed decimal numbers.
5. Divide decimal and mixed decimal numbers by whole numbers.
6. Find a simple percent of a number, e.g., 10%, 25%, or 50% of a number.
7. When comparing fractions, determine both greater than and less than values.
8. Reduce fractions to their lowest terms as well as raise fractions to identify common denominators.