

Academic Development B78

Spring 2012

Understanding Basic Math (3 Units)

CRN 30603 Tues. & Thurs. 11:10 –12:35 p.m. – SS 117

Instructor: Janet Dueñas-Cliff

Office: SS 204

Phone: (661) 395-4781

Office Hours: T 8-9:30A; 12:35-1P; 2:30-4P; 5:35-6P

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WELCOME to the ACDV B78 basic skills math course. It is my goal to help you build your fraction and decimal computation and problem-solving skills, along with improving your general college study skills. I hope you enjoy the journey! Feel free to ask questions anytime! I am here to support your learning experience at Bakersfield College!

Course Description: This course is designed for students whose math placement tests indicate they are not ready for Math 50. This course emphasizes a review of the operations of whole numbers, fractions, decimals, and percents.

Student Learning Outcomes:

1. Demonstrate proficiency in simple addition, subtraction, multiplication, and division of whole numbers.
2. Compare, reduce, add, subtract, multiply, and divide proper fractions, improper fractions, and mixed numbers.
3. Compare, add, subtract, and multiply, and divide decimals.
4. Convert fractions to decimals and decimals to fractions.

Required Textbooks and Supplies:

- *Number Power 2: Fractions, Decimals, and Percents* by Jerry Howett
- 8 ½" x 11" paper
- Pencils, erasers
- Folder with two pockets

Warning:

Be aware that missing class is no excuse for falling behind in the assignments. Exchange phone numbers and email addresses with two reliable classmates you can contact if you need to ask questions about class discussions and homework, or copy notes from a day that you are absent.

****“I was absent” is not a valid excuse for not doing your homework. ****

Name _____ ph.# _____ e-mail _____

Name _____ ph.# _____ e-mail _____

Attendance/Participation/Tardiness:

Regular, punctual attendance and active participation are very important in this class. Students who miss more than 4 class meetings during the semester may be dropped from the class. You are expected to arrive on time; bring your book, materials, and completed assignments; be ready to participate; and stay for the entire class time. Please call my office telephone to leave a message, or send an email if you cannot come to class. This is a courtesy; however, it does not excuse the absence; it still counts as one missed class meeting. If you are more than 5 minutes late for class, it is your responsibility to see me AFTER class to make sure you are not marked absent for the day. Students who miss more than 30 minutes of class will be marked absent.

Drop (Withdrawal)/Add Deadlines: Students are responsible for completing these processes. Pay close attention to these dates. You must complete college admissions and records processes.

Academic Dishonesty

Academic dishonesty, including cheating and copying will not be tolerated in this class.

Arithmetic Facts: This is a good time to learn your basic addition, subtraction, multiplication, division and decimal facts. Part of your homework will be to memorize your basic facts and take weekly Math Facts quizzes. The first time you score 100% on these weekly quizzes, you will earn 10 extra credit points (20 total).

Extra Help:

- The Tutoring Center in SS- 203 (Phone: 395-4430) provides individual tutoring by appointment and drop-in.
- The Student Success Lab, SS 143 (below Tutoring) 395-4654, offers free computerized Math tutorials.
- The Math Lab in SS 145 provides “spot tutoring” as resources allow.
- My office hours!
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Class Etiquette:

- Please respect your classmates and their efforts to learn. Turn off your cell phones.
- The Learning Center is considered a quiet zone. Please refrain from loud conversations in this building.
- No food or drinks are allowed in the SS building, except for bottled water.
- The back tables in this classroom are not student areas unless there is no other seating available.

COURSE WORK:

- A. Daily in-class activities: We meet two times each week for sixteen weeks. In-class workbook usage, discussion, small group instruction, and individual work and teamwork are required and expected.
- B. Homework: Plan on two hours outside of class per class hour (6 hours/week). Homework must be completed before coming to class. Homework assignments are reviewed at the beginning of class periods. Homework will be collected and graded on a credit/no credit basis. Ten (10) points will be given for each collected homework assignment if all assigned problems were solved correctly. You must show your work in order to receive credit.
- F. Quizzes and Tests: Quizzes and tests vary by point value based on how many problems are given on the test. Your class grade is determined on a total point value system. Quizzes are 40% of your class grade. Due to the weight of the final exam, ***you must pass the final with a C or better to pass the class.***
- Grading scale: 90% = A; 80% = B; 70% = C; 60% = D; below 60% = F (Passing grade is a "C".)
- G. Make-up Quizzes: You may make up only one missed quiz or one quiz with the lowest points earned. Make-up quizzes are given on only one pre-determined day at the end of the semester. The makeup date will be announced toward the end of the semester.
- H. Late Homework: In order to succeed in this class, it is very important that you complete your homework on time and do not fall behind; therefore, **no late homework will be accepted!**

Course Outline:

- Weeks 2-7:** Whole Numbers/Fractions
Reducing fractions, identifying forms of fractions, raising to highest terms, changing improper fractions and mixed fractions, adding, subtracting, multiplying, and dividing fractions.
- Weeks 8-12:** Decimals
Writing, reading, changing, comparing, adding, subtracting, multiplying, and dividing decimals
- Weeks 13-15:** Simple Percents, Review, Make-up quizzes
- Week 16:** Final Exam (May 10 10:00-11:50 AM)

Important Dates:

- January 16.....Martin Luther King, Jr. Day CAMPUS CLOSED
- January 27.....Last day for refunds for semester length classes
- February 17 & 20.....Presidents' Day CAMPUS CLOSED
- February 21.....Last day to drop w/o W grade
- March 30,.....Last day to W/D w/W grade
- April 2 – April 6.....Spring Break CAMPUS CLOSED
- May 6-May 11.....Final Exam Week

Students who believe they may need accommodations are encouraged to contact Disabled Student Programs and Services ASAP in the Counseling Center (First Floor of Student Services Building, SS-40), 395-4334, to ensure that accommodations are made in a timely fashion.

**** This syllabus is subject to change. ****