

Math 811 – Pre-Algebra

Cañada College . Spring 2010

- Class Hours and Location: Mondays and Wednesdays from 11:10 a.m. to 12:25 p.m. in 18 – 319
and 16 hours in the Learning Center by arrangement
- Required Materials: **Text:** *Basic Mathematics through Applications, Fourth Edition* by Geoffrey Akst and Sadie Bragg
Software: MyMathLab access and access to a computer with internet access
Calculator: A scientific calculator such as TI-30. Calculators may be used after chapter 4.
Supplies: paper, spiral bound notebook, pencil & eraser
- Prerequisite: Math 111 with a grade of C or better or appropriate score on the college placement test
- Instructor: Denise Hum
Email: humd@smccd.edu (preferred)
Voicemail: (650) 306 – 3351
Office: 16 – 109
Website: <http://www.smccd.net/accounts/humd>
- Office Hours: Monday through Thursday from 2 – 3 in the Math Lab and by appointment
- Free Math Tutoring: The Learning Center on the 2nd floor of Building 9 has free drop-in tutoring in the Math Lab.
- On Campus: You can also make an appointment for one-on-one tutoring at the Tutorial Center.
- Class Website: <http://www.smccd.net/accounts/humd/spring2010/math811>
Check the website regularly for class handouts, announcements, and important dates

Course Description & Student Learning Outcomes

Covers the fundamental processes in arithmetic: reading mathematical notation, translating words into symbols, and properties of the real number system. Introduction to geometry and algebra. Units do not apply toward AA/AS degree.

Student learning outcomes include the following skills:

1. Simplify expressions using mathematical operations using order of operations.
2. Simplify expressions involving fractions.
3. Set up and solve a proportion problem.
4. Solve problems involving percentages.
5. Finding an unknown quantity from a geometric figure.
6. Perform mathematical operations using signed numbers.
7. Translate verbal expressions into math and solve.
8. Gain confidence in their math skills and abilities.

Grading Policy & Course Requirements

A: 95% - 100%; B: 90% - 94%; C: 80% - 89%; D: 60% - 79%; F: under 59%

Homework: 10%	Class work & Participation: 5%
"TBA Hours" & Worksheets in the Math Lab: 5%	Mastery Tests: 80%

- **Homework** – Homework makes up 10% of your grade. You will be assigned homework each class period and it will be due the following class period. It is by reading the textbook and working through problems and tutorials that you will be able to understand and master the methods, applications, and computations required for this course. **Homework will be done and submitted online using MyMathLab.** Occasionally you will be required to submit homework on paper.

I will drop your lowest two homework scores. No late homework will be accepted.

- **Class work & Participation** – Your participation includes class work and attendance and makes up 5% of your grade. We will have assignments or problems in class to be worked on individually or in small groups. Class work cannot be made up if missed. Using electronic devices such as cell phones, leaving class early, arriving late, sleeping, and doing work for other classes are examples of things that can lower your class work & participation grade. Your lowest two scores will be dropped.
- **"TBA Hours" & Worksheets in the Math Lab** – This course requires you to spend two "To Be Arranged" hours per week and makes up 5% of your grade. This requirement will be satisfied by attending a regularly scheduled study group in the Math Lab/Learning Center each week and completing worksheets with a tutor. The worksheets are problems that come from the textbook and will provide more practice for preparing for the Mastery Exams. More details will be discussed in class.

- *Mastery Exams* – Exams will be given in class at the end of every one or two chapters. In order to pass an exam, you will need to score at least 80% (no partial credit will be given). If you do not pass, you will receive a 0% for the exam; if you pass, your score will be 100%. You are allowed unlimited tries on Mastery Exams which you can take outside of class in the Math Lab/Learning Center. Before retaking a test, you will need to see a tutor to review all of the problems that you missed.

Policies

- *Classroom Conduct* – Be polite and be respectful to everyone in the class. Please do not talk or be loud when it is not appropriate. Cell phones must be *silent* and mp3 players must be turned off and put away. Cell phone use during an exam or quiz will result in a 0. Use of electronic devices with the exception of calculators is prohibited during class time. Any use of electronic devices during class – this includes text messaging – will result in you being asked to leave class for the day.
- *Attendance* – You should plan on arriving to class on time and staying for the duration of the class. If you arrive late or need to leave early, please do so quietly as to not disrupt the class. If you must be absent, please notify me *in advance*. It is your responsibility to obtain the class notes and assignments from another student so you can catch up. Attendance will be taken daily.
- *Cheating* – Do not cheat. For example, do not talk to or consult other students, share calculators or use disallowed materials during an exam or quiz. If you are caught cheating or helping someone cheat, you will receive a 0 for that activity and an Academic Integrity Violation Report will be filed. If you cheat on a mastery quiz, you will receive a 0 for that quiz and cannot retake it. If you are unsure of what constitutes cheating, see http://www.canadacollege.edu/inside/acad_integrity
- *Adding & Dropping* – Please make sure to add or drop yourself from this class. If you stop coming to class, it is your responsibility to drop yourself, otherwise you will receive an “F” for the course. Students who miss more than four class periods may be dropped from the course.

Resources

I encourage you to form study groups to do homework and study outside of class. You can also come see me and ask questions during my office hours. In addition, the Learning Center on the 2nd floor of Building 9 has free math tutoring. The class website also has links to some math websites that I have found to be very helpful.

If you have a disability which may require classroom or test accommodations, please contact Disabled Students Programs and Services (DSPS) in Building 5, Room 207 or call DSPS at 650-306-3259.

Important Dates

January 20	First day of class	April 5-8	No classes (Spring break)
February 1	Last day to add	April 29	Last day to withdraw with a “W”
February 15	No classes (holiday)	May 19	Last day of class
February 16	Last day to drop without a “W”	May 26	Final Exam at 11:10 a.m.
March 11	No classes (Flex day)		