

## Cañada College

### Math 811 Pre-Algebra Syllabus Fall 2011

Section AC: (CRN: 81385) MW: 9:45am-11:00am Room 22-118

Section AD: (CRN: 92127) MW: 11:10am-12:25pm Room 22-118

**Instructor:** Raymond M. Lapuz

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<http://pearsonmylabandmastering.com/>

**Office Hours:** Mondays 2:30-3:30pm at the Learning Center and by arrangement.

**Sections:** You will need to sign up for two hours per week to attend study groups at the Learning Center. More details in class.

**Course Description:** 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.

**Prerequisite:** None.

#### Required Materials:

**Text:** Basic Mathematics through Applications, Akst & Bragg, 4th Edition.  
(Rentals available at the bookstore.)

**MyMathLab Access Code:** Available at the bookstore or online at  
<http://pearsonmylabandmastering.com/>

**Section AC (9:45am):** courseID: lapuz03704

**Section AD (11:10am):** courseID: lapuz15318

**Binder Kit:** Contains all the supplies you will need for the entire course and beyond.

**Student Learning Outcomes:** By the end of this course, you will be able to...

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.

**Attendance:** Attendance will be taken at the beginning of each class meeting. Multiple absences and tardies will result in being dropped.

**The Learning Center and the Math Lab:** Cañada College has an excellent well-staffed Learning Center in the second floor of building 9 for drop in and individual help. Sections will be held in the Math Lab, toward the back of the Learning Center.

#### Academic Integrity Statement:

Don't cheat! Cheating is a violation of academic integrity. A student caught cheating will receive a failing grade for the assignment in question and a report will be submitted to the Vice President of Student Services. Any other occurrences of cheating will result in more serious reprimands.

**Adding and Dropping:** It is your responsibility to add or drop yourself from this class. You can do this from your websmart account (<https://websmart.smccd.edu/>). If you stop coming to class, you must drop yourself; otherwise, you will receive an “F” for the course. If you need assistance please contact me or another college staff member.

**Important Dates:** Last Day to Add/Drop with Refund (W 8/31)  
 Last Day to Drop without a “W” (F 9/9)  
 Last Day to Withdraw with a “W” (T 11/15)

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**Other Important Dates for the Semester** August 15-16: Flex Day (No Classes)  
 August 17: Classes Begin (first day of class)  
 September 5: Labor Day (No Classes)  
 December 7: Last Class  
 December 12: Make Up Test 5 for Section AC  
 December 14: Make Up Test 5 for Section AD

**Your course grade will be based on the following:**

**Categories:**

Homework	10%	
Mastery Exams	80%	
Section/Worksheets	10%	
Class Participation*	2%	*extra credit

**Letter Grades:**

A	92.5% and above
B	85% - 92.4%
C	75% - 84.9%
D	60% - 74.9%
F	below 60%

**Homework:** Homework will be completed online ([www.coursecompass.com](http://www.coursecompass.com)). There will be a homework set for each section covered in class; each assignment will have between 5 to 20 problems. More 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, you will receive the score that you earned. You are allowed THREE Make Ups on the Mastery Exams, which you can take outside of class in the Math Lab/Learning Center within one week from the day it is handed back to the class. Before retaking a test, you will need to see a tutor to review all of the problems that you missed.

**Sections/Worksheets:** This course requires you to spend 2 “Hours by Arrangement” per week. This requirement will be satisfied by attending study groups at the Learning Center and completing 32 worksheets. You will need to sign up for study groups; sign-in sheets will be available in the beginning of the semester. 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.

**Class Work and Participation:** Your participation includes class work and attendance. 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.

**Special Assignment:**

Write about your background in math, beginning as far back as you can remember. Describe successes, failures, pleasant experiences, frustrations, and your confidence in your math abilities in the past and present. Discuss your strengths and weaknesses, and how they were developed. Also, describe what kind of math you see yourself doing in the future.

*I hear ... and I forget.  
 I see ... and I remember.  
 I do ... and I understand.*

-Anonymous