

Cañada College

Math 811 Pre-Algebra Syllabus Spring 2011

Tues/Thurs: 11:10am-12:25pm Room 22-118

Instructor: Raymond M. Lapuz

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www.coursecompass.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.

MyMathLab License: CourseID is lapuz49916

Binder: There is a Binder Package on sale at the book store.

Calculator: Calculators may be used after Chapter 4.

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

1. Simplify expressions with 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 your math skills and abilities.

Attendance: Attendance will be taken at the beginning of each class meeting. Absences and tardies will be noted and I reserve the right to drop any student who is consistently absent or late.

The Learning Center and the Math Lab: Cañada College has an excellent well-staffed Learning Center in the second floor of building 9. There are individual tutors available; you can schedule weekly tutoring sessions, free of charge. Worksheet sections will be held in the Math Lab, toward the back of the Learning Center. You will need to attend sections for two hours per week.

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.

Your course grade will be based on the following:

Homework	20%
Exams	60%
Section/Worksheets	20%
Other Assignments	2.5% Extra Credit

Homework: Homework will be completed online (www.coursecompass.com). There will be a homework set for each section covered in class; each assignment will have between 5 to 20 problems. You must show your work on pencil and paper that will go in your binder.

Exams: Exams will be given in class at the end of every one or two chapters. After taking an exam, if you wish to improve your grade, you can redo ALL the problems showing all your work and you can receive 50% of the points that you missed; for example, if you earned a 60% on the original exam, you have a chance of earning half of the 40% that you missed, so that you can add on 20% and can change your score to 80%.

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 Exams.

Other Assignments: Other assignments include your participation, class work, and periodic binder checks. 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.

A following grading scheme will apply:

Overall Grade	Overall Percent
A	92.5% and above
B	85% - 92.4%
C	75% - 84.5%
D	60% - 74.5%
F	below 60%

Special Assignment: [To be submitted online]

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