Cañada College

Fall 2007

Math 110 / 111 / 112 Online

Elementary Algebra Syllabus

Mandatory Orientation: Monday, August 27, 2007, 4:00pm-6:00pm; Room 22-116
Instructor's Website: http://www.smccd.edu/accounts/laupuz
Online Courseware: http://smccd.mrooms.edu

Instructor: Raymond M. Lapuz
Office: 18-314

Contact Information:
Phone: (650) 306-3290
e-mail: lapuz.math@gmail.com (preferred)

Prerequisite: Satisfactory completion of Math 811 with a grade of C or better or appropriate score on the college placement test.

Course Description: This is the first course in a 2-part series covering elementary and intermediate algebra. Math 111 topics include the real number system, linear equations, linear inequalities, graphing, systems of equations, and problem solving; Math 112 topics include integer exponents, polynomials, factoring, proportions, rational expressions, and problem solving. Math 110 topics includes both Math 111 and Math 112 topics.

Which Course To Take: Since Math 110 is exactly the same as taking both Math 111 and Math 112 it makes no difference which way you choose. However, if you enroll in Math 110 and do not finish the course, you will receive no credit. But if you enroll in Math 111, you move in a slower pace and can complete Math 111 and either continue to finish Math 112 this semester or choose to finish Math 112 next semester.

Course Outcomes: By the end of this course, you will be able to…
- relate variables to real quantities,
- develop algebraic expressions using variables,
- formulate equations and inequalities from verbal descriptions,
- interpret graphs,
- apply the concept of substitution, and
- interpret and check the solutions of equations or systems.

Required Materials:

Text and Technology:
Beginning Algebra 3rd edition, by Martin-Gay (See bookstore.).
Computer with internet access
Calculator: Scientific or Graphing Calculators.

Highly Recommended:
Beginning & Intermediate Algebra CD Lecture Series (see bookstore)

Checking the Courseware: This class is NOT a self paced class. You should check the courseware periodically and be aware of assignments and deadlines. Most of this deadlines can be found in the course schedule.

On-campus Requirements: Although this is an online course, you will be required to be come to campus for the Mandatory Orientation and taking Proctored Exams. In addition, there will be periodic office hours and some review session which are optional – to be announced.
Your course grade will be based on the following:

- Special Assignments: 10%
- Quizzes: 15%
- Homework Assignments: 10%
- Exam: 65%

Final Grades will be assigned according to your overall percentage:
- A: 90.00% and above.
- B: 80.00% to 89.99%
- C: 70.00% to 79.99%
- D: 60.00% to 69.99%
- F: Below 60%

Special Assignments: Special assignments will consist of essays, journals, and discussion board postings that will check up on your understanding of the material and assess your progress as a math student. These assignments will be submitted online.

Grading and Late Policy:
- 10 points for completed assignment.
- 2 point deduction for each day late.

Quizzes: Each quiz will cover one section. They can be found in the courseware.

Grading and Late Policy:
- Start with 10 points; points deducted for errors.
- 2 point deduction for each day late.

Homework Assignments: Homework can be found on the online courseware and should be done on paper to submit when you take the proctored exam(s).

Grading and Late Policy:
- 10 points for completed assignment.
- No Late Homework Accepted.

Exams: There will be proctored term exams throughout the semester.
- Exam 1 will cover Chapters 1 and 2.
- Exam 2 will cover Chapters 1, 2, 3 and 4.
- Exam 3 will cover Chapters 5 and 6.
- Exam 4 will cover Chapters 5, 6, and 7.

Math 111 students will take Exams 1 and 2; Math 112 students will take Exams 3 and 4; and Math 110 students will take all 4 exams.

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

-Anonymous

Special Assignment #1:
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.