Math 94 Section 2 – Introduction to Algebra
California State University Channel Islands
Fall Semester 2007

Instructor Information

Janine Bundy
Office Location: 1513
E-Mail: janine.bundy@csuci.edu
Office Hours: Monday 11:00 AM to 11:30 AM and Wednesday 11:00 AM to 11:30 AM
and by appointment

Course Information

This class has four hours of lecture and approx. 1 hour of problem solving lab.
Lecture: Monday, Wednesday 10:00 AM to 10:50 AM and Friday 10:00 AM to 11:40
AM
Location: Bell Tower Room 1422
Units: 5
Textbook: Bittinger, Ellenbogen, Johnson – *Elementary and Intermediate Algebra (fourth
edition)*. Addison and Wesley.

Midterms: Following the completion of Chapters 3 and 6 in the text (tentatively
scheduled for the weeks of September 25 and November 27).
Final: Monday, December 10 at 10:30 AM to12:30 PM

Course Description and Learning Outcomes

We will review fundamental concepts of arithmetic, geometry and elementary algebra.

Through this course students will be able to:
- Improve skills in arithmetic
- Improve algebraic and geometric skills
- Apply algebraic thinking to problem solving
- Apply algebraic thinking to geometry
- Organize and express ideas clearly and convincingly in oral and written forms.

Special emphasis will be placed on finding one or more solutions for a given problem
(that is, "solving for x"), and developing a comfort level with "word problems". We will
cover chapters 1 through 6 and a portion of 7 in the textbook. Supplemental material
may be handed out when appropriate.

Topics covered include Real Numbers and Operations; Ratios, Proportions and Percent; Geometry and Measurements; Algebraic Expressions; Equations and Inequalities; Graphing; Polynomials and Factoring; Rational Expressions; Inequalities; Exponents and Radicals; Quadratic Functions and Equations; and Problem Solving.

Instructional Approaches and Examinations

We will cover approximately two – four sections (in the textbook) each meeting. Homework will be assigned at the conclusion of each meeting. Assignments will include problems from each section covered in class. Homework is collected at the beginning of each meeting and random problems are checked. Please prepare your homework in a neat and clear fashion. Please circle your answers and show all of your work. No late homework will be accepted.

There will be a few review questions on the board at the beginning of each class. You will be given the first few minutes of each class to complete these questions. You will receive full credit for these problems when they are turned in before the end of class.

Quizzes will be given each Friday during the second half of class. They will cover the material discussed that week.

Two Midterms will be given following the completion of chapters 3 and 6 text (tentatively scheduled for the weeks of September 25 and November 27).

The Final will be a 2 hour comprehensive test given Monday, December 10 at 10:30 AM to 12:30 PM.

There are no make-ups for review questions or quizzes. If it is necessary to miss an exam, adequate notice (at least two weeks) and justification must be given to me. Maximum possible credit can be achieved on the exam if you give adequate notice and justification or when special circumstances occur.

Extra credit can be used to supplement your grade.

If you are absent from class, it is your responsibility to check on announcements/assignments/material covered made while you were away.

Grading

Grades are based on the following point system:

Computer Lab	10%
Homework	20%
Attendance/Review Questions	10%
Quizzes	15%
Midterms	20%
Final Exam	25%

This course is graded Pass/No Pass. A passing grade will be 70% or above. Additionally I will give you an "earned grade" based on the point scale below.

GRADES

A - 90 points and above
B - 80 points and above
C - 70 points and above
D - 60 points and above
F - below 60

Academic Dishonesty

All students are expected to complete assignments in this course as their own work. Plagiarism is defined as passing off the ideas or words of another as one's own without crediting the source. If an instructor suspects a student has violated the academic honesty guidelines, they will discuss the apparent violation with the student to provide them with an opportunity to explain the situation. If the instructors feel that Academic Dishonesty has occurred, they will report the matter to the Vice President for Academic Affairs. Depending on the severity of the offense, the instructors may assign the responsible student a failing grade on the assignment/ quiz/ exam or an overall course grade of an "F".

Classroom Behavior

The classroom is a special environment in which students and faculty come together to promote learning and growth. In this learning environment it is essential to respect the rights of others seeking to learn and respect the professionalism of the instructor. **Cell phones** and excessive chatting can disrupt the thoughts of both members of the class as well as your instructor. As a courtesy to everyone in the room, please keep the phones silent. If there is an important reason for it to ring, let me know in advance.

Students with Special Needs

Students with physical or learning disabilities are encouraged to contact the Student Services office (437-8510) for personal assistance. Handouts are available in alternative accessible formats on request.

Subject to Change

This syllabus and schedule are subject to change.

A Personal Note from the Instructor

Mathematics is fun. It is an extraordinary subject with limitless applications. Feel free to work with others on homework problems and when you study for quizzes and tests. Free help is available at the Math Center and during my office hours. Please take advantage of this incredible opportunity for assistance.

My goals for you are threefold. The first is that you learn and understand the material we cover in class. The second is that your confidence in your Mathematical understanding ability increases. The third is that you come to enjoy and appreciate the amazing capabilities Mathematics has to transform our understanding of the world. It is my sincere hope that this course offers you a glimpse into the awe and wonder that can be found in mathematics. Determination, perseverance, and hard work are your tools for success in this class. Best wishes for you!