Instructor: Mr. Ramos
EMAIL: RamosGA@LASC.edu

Web Page: www.LASC.edu/RamosGA

Office location: TEC 281C Phone: 323-241-5262

Office Hours: MTWTH 9:10 -9:35AM, MTWTH 10:45-11 AM, &
Tuesdays and Thursdays 11:00 AM-12:30 PM, all in TEC 281C

Prerequisites: Passed Math 125 with a “C” grade or appropriate score on placement exam

Textbook: A Problem Solving Approach to Math Custom Bundle for LASC by Billstein
MYMATHLAB software is required.

Register ASAP online and log in at http://pearsonmylabandmastering.com/?cc
with Course ID ramos49087

Attendance/ Tardy Policy: 1. Class begins at 11:10 A.M. Be on time!
2. If you miss any day of the first week of class's you will be dropped.
3. This is a 3-unit course. You will be allowed 3 hours of absence time. This
translates into two allowed absence days (unexcused or excused count).
Arriving late three times or leaving early three times counts as one absence! I
may take roll anytime during the class. If you are not present during roll time, it’s
your responsibility to let me know that you were late by class end or else it will
count as an absence. Students are responsible for all announcements made
in class regardless of their presence.
********** A student will be dropped once he/she either misses more than 3
hours of class time or on the third absence - No Exceptions**********
It's your responsibility to drop!

Adding Policy: Add deadline Friday Feb 16 (NO EXCEPTIONS) Ticket No. 1682

Material Covered: Sections Covered: Bring your textbook to class daily. This course is
designed primarily for students who plan to teach in elementary school. The
course covers the language of sets; elementary logic; systems of numeration;
nature of numbers; fundamental operations, rational numbers and fractions:
decimals, percents, and real numbers; and various algorithms used in
calculations. This course prepares students for their second course of the
Principles of math II.

Objectives: We will have a balance approach to mathematics utilizing computational skills,
conceptual understanding and problem solving.

1. Analyze sets, compare other set operations and their properties, solve
addition, subtraction, multiplication and division of whole-numbers, and examine
functions.
2. Design compound statements, distinguish deductive and inductive logic, and
compare valid and invalid arguments.
3. Examine numeration systems, and formulate mental mathematics and estimation for whole-number operations.
4. Formulate the number theory, analyze divisibility, arrange prime and composite numbers and distinguish greatest common divisor and least common multiple.
5. Evaluate the set of rational numbers, examine the operations of addition, subtraction, multiplication and division of rational numbers, value the set of rational numbers, and solve proportional reasoning.
6. Arrange decimals, solve operations on decimals, analyze no terminating decimals, calculate computing interest and evaluate advanced properties of percents and real numbers.
7. Appraise Algorithms for whole-numbers addition, subtraction, multiplication and division. Solve problems that involve integers, signed fractions and decimals applying properties of real numbers.

**SLO's:**
As a result of this learning experience a student can:
1. Given an application requiring the task of analyzing observation data, the student will
   (a) Construct a scatter plot; and then
   (b) Use a linear function to model the scatter plot; interpret the slope of a line thus constructed
   (c) Evaluate the values of the function at different points within the region of observation (interpolation) and outside the region of observation (extrapolation)
   (d) Compare and contrast interpolation and extrapolation, in terms of the accuracy of prediction
2. Given two sets A and B, the student will.
   (a) Find the intersection of two sets
   (b) Find the union of two sets
   (c) Find the complement of A relative to B
   (d) Explain the difference between (a), (b), and (c) in terms of a Venn diagram

**Math Lab:**
Students enrolled in this course are **not required** to spend hours in the Math Lab, but are highly encouraged to do so. The Math Lab Location; Tec 190. Hours of operation: MTWTH: 9:30am-7pm, Sat: 9am-1 PM (subject to change.) Free tutoring, and workshops.

**Homework:**
This class requires you to submit the homework online via, MYMATHLAB. Homework will be assigned every meeting and it is to be done daily online. The online tool, does not allow late submissions of homework (it locks you out after the due date.)
**Homework assignments may consist of two parts.**  
**Homework Part I:** Homework assigned online using MyMathLab software provided with your textbook bundle.  
**H.W. Part II consists of Learning Activity worksheets which will be submitted in person on most test days.**

**Grading:**
Homework (Due on every test day) **Note cards** (due every other test day) 15%
Tests 60%
Final Exam (Comprehensive, departmental) 20%
**In class work/participation and Quiz’s** 5%

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<thead>
<tr>
<th>Grade</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>A</td>
<td>90-100%</td>
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<tr>
<td>B</td>
<td>80-89.5%</td>
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<tr>
<td>C</td>
<td>70-79.5%</td>
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<tr>
<td>D</td>
<td>60-69.5%</td>
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<tr>
<td>F</td>
<td>below 60%</td>
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To pass the class (receive “C” grade), your overall grade must be at least 69%.
**Final Exam**: Mon June 3 @ 12:30-2:30 PM. You must take the final exam to receive a passing grade.

ALL EXAMS ARE CLOSED BOOK AND NO NOTES, BUT CALCULATORS** ARE ALLOWED!

*Note*: If for any reason you do not take a test, I will drop one Test (lowest or one missed); This does not apply to a missed final exam, or an exam in which a student received a “0” due to the academic dishonesty policy.

**ACADEMIC DISHONESTY**: Cheating will not be tolerated. You will be reported without hesitation to the appropriate school authorities and receive a “0” grade for the assignment.

**Calculator Policy**: A basic non-graphical (non-Qwerty) calculator is allowed on most exams. Example: TI-35. You may not use your phone as your calculator during class or on exams.

**FOOD/DRINK POLICY**: No food, No drinks, No Gum in class. Only clear bottled water allowed.

**CELL PHONE/ELECTRONICS DEVICES POLICY**: Please put away (not on your desk or lap) and Turn off (or silent mode) all electronic devices and cell phones during class. Text messaging is not allowed during class. If there is any cell phone use, including texting you may be asked to dismiss yourself from that class meeting. Cell phone use during an exam: You will receive a “0” grade on the exam, if any electronic device is on your desk or is used during the exam period. If your cell phone rings anytime during class time, it will count as an absence.

**Note**: Please limit your talking during class to discussions with the instructor. Talking during class is not acceptable; respect your peers by listening and participating at the appropriate times.

**STUDENT CONDUCT**: Each of you is expected to contribute to each class session by arriving on time, being attentive, and participating in the class discussion/problems. Disruptive conversions, eating, texting, any cell phone use, and sleeping are not acceptable behaviors in the class environment. **Inappropriate language will not be tolerated during class (you will be dismissed from class).** In addition to arriving on time, students are expected to stay the whole class period. Please avoid disrupting fellow classmates by arriving late or leaving early. Students are encouraged to ask questions. The only wrong question is an unasked question; if asking that question would have improved your understanding. I will attempt to answer all student questions during class.

**Conduct**: Dishonest or disruptive behavior is grounds for being dropped from the class.

**Drop deadlines**: no “W” Monday Feb 18* and Drop with a “W” deadline Sunday May5*(online)

**Holidays**: Mon Feb 18 Presidents’ Day, Spring Break: March 29-April 5, & Memorial Day- May 27.

**Student ID checking**: I will be checking for a valid picture ID (CA ID/DL or Student ID)

**Students with disabilities** who need any assistance or accommodations should contact the instructor by the end of the first day of class. FYI- DSPS office (323) 241-5480 located@SSB117
Steps for success in math:

1. Buy your book today! And bring it to class daily! (2 copies in library, 2 copy in Math Lab, & 1 in my office during office hours only)
2. Attend class regularly and be on time ready to learn.
3. Ask questions.*
4. Find a quiet place to do your work.
5. Before you attempt your homework: Read your book carefully, work out the examples in the book, Reread your class notes and practice the examples worked in class.
6. Start your homework soon after class.
7. Completing the homework and studying are different. After completing the HW, go back and review (study) the major ideas that have been presented thus far.
8. Learn from your mistakes and successes. When you receive your quizzes/Tests (regardless of what the score is), find time to re-do them. Re-do your Tests 3 to 5 times on weekends until you know the information well.
9. **Required Improvement Plan:** If any test score is below 65 then follow: Step 1-Redo each problem which was incorrect on a separate sheet of paper in the math lab. **Do not write on your original test paper!** Step 2- Come in during office hours, so that I may check your corrections. Step 3- You shall retake the test. Step 4-Maintain a math journal- Keep track of your common mistakes and errors. (Review them periodically.) - Being aware is very helpful!
10. Prepare for each test.
11. Attend office hours and Math Lab.
12. NEVER GIVE UP!

**LEARNING COMES FROM DOING!**

**MATH 215 HOMEWORK ASSIGNMENTS**

Logon to mymathlab.com to view and submit assigned homework weekly. You may also watch a lecture/topic which you may need further clarification. Watch a lecture which you may have missed in class. Get step by step help on all homework topics; all on mymathlab.com

*Indicates Online or Sunday deadline - transactions must be processed online only.

**Seating arrangements:** Open, but instructor reserves the right to assign seating.

**SUBJECT TO CHANGE**