MATH 230 (Math For Liberal Arts) Fall 2013
Los Angeles Southwest College @TEC-211
MW 11:10 AM-12:35 PM Aug 26 –Dec 9

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

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 in TEC 281C

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

Textbook: A Survey of Mathematics with applications(9th Ed) Custom Package
by Angel for LASC with MYMATHLAB (software required) Register ASAP online and log in at www.mymathlab.com with Course ID ramos50647 Required.

Attendance 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 (excused or unexcused). Arriving late five times or leaving early five 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 you were late by class end.
Students are responsible for all announcements made in class regardless of their presence.
*******You will be dropped on the third absence - No Exceptions*******
It’s your responsibility to drop!

Adding Policy: Add deadline Monday Sept 9 (No Exceptions) Ticket No. 1637

Material Covered: Sections Covered: Chapter 2, 3, 4,7,11, 12, & 13 – Bring your book daily.

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

1. Solve applications using Venn Diagrams.
2. Apply basic concepts of probability to applications.
3. Conduct experiments with certain guidelines to determine the probability of an event.
4. Solve systems of equations of two variables by different techniques such as graphing, substitution, and addition/elimination.
5. Construct matrices and evaluate the determinate as a method of solving a system of equations of two or more variables. Use matrices and elementary Row operations to place the matrices in Echelon Form and solve systems of equations of two or more variables.
6. Determine the best strategy for solving financial problems, then solve.
**SLO’s:**
As a result of this learning experience a student can:
1. Given an application requiring the task of analyzing survey data, the student will (a) create a Venn diagram, after determining the number of regions; (b) calculate the number of elements in each region; and (c) interpret the Venn diagram.

**Math Lab:**
Students enrolled in this course are *not* required to attend the math lab. 
**Location:** Tec 190. **Hours of operation:** MTWTH: 9am-7pm, Fridays: 9am -1pm, Sat: 9am-1pm. Free tutoring and workshops are available.

**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 Quiz/test days.

**Grading:**
Homework *(Due on every test day)* **Note cards** *(due every other test day)* 10%
Tests/Quiz 60%
Final Exam *(Comprehensive)* 25%
In class work/participation and Quiz’s 5%

A 90-100%  B 80-89.5%  C 70-79.5%  D 60-69.5%  F below 60%
To pass the class (receive "C" grade), your overall grade must be at least 69%.

**Final Exam:** Mon Dec 9@ 12:30-2:30 PM. You must take the final exam to receive a passing grade.

**Tentative Exam/Quiz schedule:** Chapter 2 Quiz Wed Sept 11, Quiz Ch 3 Wed Oct 16, Quiz ch 4 Wed Nov 6, Quiz Ch 7 Wed Nov 21, Quiz ch11 Wed Dec 3,

ALL EXAMS ARE CLOSED BOOK AND NO NOTES.

*************** THERE ARE NO MAKEUP EXAMS/QUIZ***************

**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:** Only non-programmable calculators are allowed on tests/quiz.

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

**CELL PHONE POLICY:** 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.

**Class Climate:** 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. 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" Sunday Sept 8* and Drop with a "W" deadline Nov 17*(online)

**Holidays:** Mon Sept 2 Labor Day, & Nov 11 Veteran's Day.

**Student ID checking:** I will be checking for a valid picture ID (CA ID or drivers Lic 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

**Steps for success in math:**

1. Buy your book today! And bring it to class daily! (1 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. **Required:** If your test score is below 65, redo in lab, I will check it, and you shall retake the test.
9. Prepare for each test.
10. Attend office hours and Math Lab.
11. NEVER GIVE UP!
LEARNING COMES FROM DOING!

MATH 230 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 at any time.

SUBJECT TO CHANGE.
MATH 230 HOMEWORK ASSIGNMENTS

CHAPTER # 2 – READ THE CHAPTER
Section 1.1 # 1-83 (EOO)   Section 1.2 # 1-79 (EOO)   Section 1.3 # 1-81 (EOO)
Section 1.4 # 1-63 (EOO)   Section 1.5 # 1-99 (EOO)   Section 1.6 # 1-127 (EOO)
Section 1.7 # 1-53 (EOO)   Section 1.8 # 1-81 (EOO)

CHAPTER # 2 – READ THE CHAPTER
Sect 2.1 # 1-65 (EOO)   Sect 2.2 # 1-69 (EOO)   Sect 2.3 # 1-59 (EOO)   Sect 2.4 # 1-57 (EOO)
Sect 2.5 # 1-85 (EOO)   Sect 2.6 # 3-67 (EOO)   Sect 2.7 # 1-51 (EOO)   Sect 2.8 # 1-81 (EOO)

CHAPTER # 3 – READ THE CHAPTER
Sect 3.1 # 1-73 (EOO)   Sect 3.2 # 1-61 (EOO)   Sect 3.3 # 1-63 (EOO)   Sect 3.4 # 1-65 (EOO)
Sect 3.5 # 1-31(EOO)   *Sect 3.6 # 1-37 (EOO)*

CHAPTER # 4 – READ THE CHAPTER
Sect 4.1 # 1-41 (EOO)   Sect 4.2 # 1-41 (EOO)   Sect 4.3 # 1-25 (EOO)   Sect 4.4 # 11-39 (EOO)
Sect 4.5 # 1-23 (EOO)

CHAPTER # 5 – READ THE CHAPTER
Sect 5.1 # 1-79 (EOO)   Sect 5.2 # 1-77 (EOO)   Sect 5.3 # 1-73 (EOO)   Sect 5.4 # 1-95 (EOO)
Sect 5.5 # 1-83 (EOO)   Sect 5.6 # 1-75 (EOO)   Sect 5.7 # 1-73 (EOO)

CHAPTER # 6 – READ THE CHAPTER
Section 6.1 # 1-85 (EOO)   Section 6.2 # 1-59 (EOO)   Sect 6.3 # 1-77 (EOO)
Section 6.4 # 1-81 (EOO)   Section 6.5 # 1-81 (EOO)   Sect 6.6 # 1-31 (EOO)

CHAPTER # 7 – READ THE CHAPTER
Sect 7.1 # 1-81 (EOO)   Sect 7.2 # 1-55 (EOO)   Sect 7.3 # 1-69 (EOO)   Sect 7.4 # 1-71 (EOO)
Sect 7.5 # 1-35 (EOO)   Sect 7.6 # 1-81 (EOO)   Sect 7.7 # 1-(EOO)   Sect 7.8 # TBA

CHAPTER # 8 – READ THE CHAPTER
Sect 8.1 # 1-105 (EOO)   Sect 8.2 # 1-111 (EOO)   Sect 8.3 # 1-73 (EOO)   Sect 8.4 # 1-85 (EOO)
Sect 8.5 # 1-85 (EOO)   Sect 8.6 # 1-75 (EOO)   Sect 8.7 # 1-71 (EOO)

CHAPTER # 9 – READ THE CHAPTER
Sect 9.1 # 1-55 (EOO)   Sect 9.2 # 1-35 (EOO)   Sect 9.3 # 1-45 (EOO)   Sect 9.5 # If time P

NOTE: (EOO) means Every Other Odd. Ex. 1, 5, 9, 13, 17,…
Subject to change