MATH 115 (Elementary Algebra) Spring 2010
Los Angeles Southwest College @TEC-211
MTWTh 9:35-10:45 AM Feb 8 – May 27

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

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

Office Hours: MTWTH, 7:30-8AM, 9:10 -9:35AM, 10:45-11:10AM in TEC 281C,
Tuesdays & Thursdays 1:00- 1:30 PM in the Math Lab Tec 190

Prerequisites: Passed Math 112 with a “C” grade or appropriate score on placement exam


Attendance Policy:
1. Class begins at 9:35 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 5-unit course. You will be allowed 5 hours of absence time. This translates into four 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 fifth absence - No Exceptions**********

It’s your responsibility to drop!

Adding Policy: You must add by the deadline! (Sat Feb 20) Ticket No. 1675

Material Covered: Sections Covered: Chapter 1-9 The entire book! – Bring it to class daily
This course prepares students for their second course in Algebra. Topics include: Real numbers, Linear Equations & Inequalities, Linear Systems, Exponents, Polynomials, Factoring, Rational Expressions & Eq’s, Radicals, Quadratic Eq’s & Graphing.

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

1. Evaluate various mathematical relations including signed numbers and numbers.
2. Solve polynomials, adding, subtracting, multiplying, dividing and factoring.
3. Set up and solve word problems.
4. Operate with exponential properties.
5. Simplify radical expressions and solve radical equations.
6. Produce linear graphs, inequality graphs and double linear equations graphs.
7. Solution of linear and quadratic equations, quadratics by factoring, completing the square, and by quadratic formula.
**SLO's:** As a result of this learning experience a student can:
1. Illustrate by graphing where lines intersect;
2. Diagram integral powers of a set of variables.
3. Apply discipline, reasoning, and organizational skills necessary for additional courses in Math and other disciplines.

**Math Lab:** Students enrolled in this course are required to spend about 1.25 hours each week in the Math Lab for a total 18 hours by semester’s end. **Location:** Tec 190. Hours of operation: MTWTH: 8am-8pm. Free tutoring and workshops are available. Also: Free Tutoring programs. **Last day to complete your 18-hour obligation is Thursday May 27.**

**Homework:** Homework will be assigned every meeting and it is to be done daily. An assignment submitted late **will not** receive any credit. **Staple** the homework in order, with last name first, chapter, and section numbers. Clearly label each section at the top right of each page. **Write your Roster # on the upper right hand corner on everything you turn in.**

**Grading:**
- Homework (Due on every test day) **Note cards** (due Final Exam day) 10%
- Tests 55%
- Final Exam (Comprehensive, departmental) 25%
- **In class work/participation and Quiz’s** 5%
- Math Lab (18 hours) Mandatory 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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<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:** Wed June 2@ 10:15AM-12:15PM. You must take the final exam to receive a passing grade.

**Tentative Exam schedule:** Ch1 Thurs Feb 18, Ch2&3 Mon. March 8, Ch 4&5 Thurs March 25 Ch 6&7 Thurs April 29, Ch 8&9 Monday May 17. Final exam Wed June 2.

ALL EXAMS ARE CLOSED BOOK AND NO NOTES. NO CALCULATORS ARE ALLOWED!

*************** 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:** All of the skills related to the course must be demonstrated without the use of a calculator. Calculators **will not** be permitted on exams or on any activity in class.

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

**CELL PHONE POLICY:** Turn off (or silent mode) all electronic devices and cell phones during class. Text messaging is not allowed during class. You will receive a “0”grade on the test, if any electronic device is on your desk during any test.
**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 and sleeping are not acceptable behavior 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” Sat March 6 and Drop with a “W” deadline Sat May 9* (*Web/STEP)

**Holidays:** Monday Feb 15 Presidents’ Day, Tuesday Feb 16 Non-Instructional Day, Spring Break Monday March 29- Monday April 5, & Monday May 31 Memorial 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!** (2 copies in library & 1 in my office during office hours)
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. Prepare for each test.
10. Attend office hours/Math Lab.
11. NEVER GIVE UP!

**LEARNING COMES FROM DOING!**
MATH 115 HOMEWORK ASSIGNMENTS

CHAPTER # 1 – READ THE CHAPTER
Section 1.1 # 1- 81 (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# TBA (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