WEST LOS ANGELES COLLEGE - WINTER 2015
MATH 123 A - SYLLABUS

COURSE NAME & TITLE: MATH 123 A – ELEMENTARY AND INTERMEDIATE ALGEBRA 1

TIME & ROOM: M-F: 1:30 PM–4:20 PM, MSA 202, **SECTION** 1477

OFFICE HOURS: MW: 1:00 PM -1:30 PM

INSTRUCTOR: Manushak Movsisyan **OFFICE:** MSB 203

E–MAIL: movsism@wlac.edu **PHONE:** 310-287-4235

PREREQIUSE: The completion of Math 110 or Math 112 with a grade of "C" or better, or equivalent preparation and a satisfactory score on the placement test.

TEXTBOOK: Beginning & Intermediate Algebra by Lial, Hornsby & McGinnis. The Bookstore has a WLAC Custom Edition which is substantially the same as the regular 5th ed (2012, ISBN- 9780321715869) We will cover chapters 1-5 in this course and the remainder of the book in Math 123B and Math 123C. Copies of the regular 5th edition can be purchased used, on-line. Rental is NOT a good option because you will need this book for three semesters.

COUSE DESCRIPTIONS: First of three modules for Math 123 covering elementary algebra topics such as properties and operations with real numbers, addition, subtraction, multiplication of algebraic expressions, solution of linear equations and inequalities. Solution of word problems involving linear equations and inequalities.

IMPORTANT DATES:
Refund and Add Deadline, January 7th
Last days to drop without a "W", January 7th
Last day to drop with a "W", January 30th
Final Exam, February 6th

HOMEWORK POLICY: Homework will be assigned daily, and it is expected to be completed daily. However, it will be collected on exam days before you begin the exam. A reasonably complete assignment will be given 10 points. Reasonably complete means that all sections and every assigned problem have been attempted. Your homework will be graded on apparent effort with two hours per day as the standard. You must show your work. The odd answers can be found at the back of your text. You are encouraged to collaborate with one another on the homework. Specific problems will be assigned but NOT collected.

MATERIALS: Please bring your math notebook (with graph paper), pencils, a calculator (if you have one) and the textbook to class each day. Calculators or laptops with symbolic manipulation capabilities, and calculators built into any device with communication capability (such as an iPhone) are not allowed on tests.

ATTENDANCE: We have a lot of material to cover and understand, so regular attendance is crucial to your success in the class. Please come on time and stay for the duration of the class. If you cannot attend regularly, on time, and stay for the entire class; you should take this class at another time that fits your schedule. Students arriving late or leaving early, without authorization from the instructor may be marked tardy. Three recorded tardies will count as one absence. Excessive absences (3 or more prior to the drop deadline) may result in being dropped from the class. However, it is your responsibility to drop the class if you stop attending.

GROUPWORK POLICY: Group problem solving is a method of instruction for this class. You will work in groups of 2 or 3 each class meeting on an assignment. At the end of the class all of the papers will be collected, but only one paper from each group will be graded. Everyone in the group will receive the same score. Each group-work assignment is worth up to 10 points. If you have to leave class early, you will receive a zero for that day's work. You must work in a group, or your paper will not be graded. There will be no make-ups for group work. I reserve the right to break up groups for any reason.

EXAMS: There will be 4 tests worth 55% of your grade in the class. Don't miss them! NO MAKE-UP TESTS WILL BE GIVEN! If you know in advance that you will miss an exam, then it is possible to arrange to take it in advance, but no exam will be given after the class has taken it. The final exam score may replace the first missed exam.

QUIZZES:

- Quizzes will be given weekly throughout the semester. Roughly 2-5 problems from previously discussed lecture and/or homework will be on each quiz.
- ***Do not miss them! No makeup quizzes will be given under any circumstances***

CLASSROOM BEHAVIOR:

- I like my classes to have a fun, encouraging environment. I expect you to come to class with a commitment to learn, take good notes and participate in discussions and classwork. I like group learning in my class. I expect my students to work together and encourage each other.
- All students are expected to arrive on time and stay for the duration of the class period. Late arrivals are disruptive to both the lecturer and students.
- Cell phones, pagers, and all electronic devices must be turned off at all times while in class. Phones cannot be used during class even as a calculator to check your answer.
- Do not talk in class while lecture is in progress. Talking to the person next to you disrupts the whole class**.** Respect other students who have questions.
- Neither food nor drinks are allowed in the classroom with the exception of bottled water.
- Penalties for cheating range from a zero on an exam to dismissal from the course and/or the College. You should review College's policy on academic dishonesty outlined in the schedule of classes.
- No guests are allowed in class.

GRADING: Your grade will be computed the following way:

Test scores	55%
Homework assignments	10%
Classwork and weekly quizzes	10%
Final Exam	25%

GRADING SCALE:

90%-100%	**A**
80%-89%	**B**
70%-79%	**C**
60%-69%	**D**
59% and below	**F**

MATH LAB/GETTING HELP: I would like to encourage you to take advantage of my office hours. Learning Resource Center offers daily free tutoring and is located in the Library. To enhance your chances of success in this course make a commitment to spend at least 6 hours on course material per week outside class time, come to class daily, participate, keep an open mind, and stay positive.

STUDENTS WITH DISABILITIES: Students with disabilities who believe they may need accommodations in this class are encouraged to contact Disabled Students Programs and Services located in SSB 320 (phone 310-287-4450) immediately to improve the chances that such accommodations can be implemented in a timely manner. The instructor will do everything possible to comply with ADA and all other mandates**.**

STUDENT LEARNING OUTCOMES:

- Perform basic operations on rational numbers and polynomials, including correct use of order of operations.
- Use appropriate techniques to solve linear and factorable quadratic equations and linear inequalities.
- Write, graph linear equations in two variables; analyze slope and intercepts.
- Factor polynomials.
- Solve problems using ratio, proportion, and percent.
- Analyze, model, and solve "story" problems (applications) using (2) above.
- Locate and utilize supplemental resources online and in textbooks.

LECTURE OUTLINE ***SUBJECT: MATH 123 A***
WINTER 2015 ***INSTRUCTOR: Manushak Movsisyan***

This schedule is tentative. It is subject to change.

1/5/2015 Introduction & 1.1-1.2	1/6/2015 1.3-1.5	1/7/2015 1.6-1.8	1/8/2015 Review & **Test-1/ CH 1**	1/9/2015 2.1-2.3
1/12/2015 2.4-2.5	1/13/2015 2.6-2.7	1/14/2015 2.8 & Review	1/15/2015 **Test-2/ CH 2**	1/16/2015 3.1-3.3
1/19/2015 HOLIDYA	1/20/2015 3.4 & Review	1/21/2015 4.1-4.2	1/22/2015 4.3-4.4	1/23/2015 4.5 & Review
1/26/2015 **Test-3/ CH 3 & 4**	1/27/2015 4.6-4.7	1/28/2015 Review & 5.1	1/29/2015 5.2-5.3	1/30/2015 5.4 -5.5
2/2/2015 5.5-5.6	2/3/2015 Review	2/4/2015 **Test-4/ CH 4 & 5**	2/5/2015 FINAL REVIEW	2/6/2015 FINAL EXAM

HOMEWORK MATH 123A WINTER 2014

SECTION 1.1	# 9-89 EOO and 93-114
SECTION 1.2	# 7-81 ODD and #54, 70, 74, 76, 95-100 ALL
SECTION 1.3	# 9-83 EOO
SECTION 1.4	# 11-79 EOO and #28,32,34, 48, 52,74, 80
SECTION 1.5	# 9-133 ALL
SECTION 1.6	# 9-132 EOO
SECTION 1.7	# 1-93 ODD
SECTION 1.8	# 1-89 EOO

SECTION 2.1	# 9-79 ODDS	SECTION 3.1	# 9-76 ODDS
SECTION 2.2	# 21-67 ODDS	SECTION 3.2	# 15-73 EOO
SECTION 2.3	# 9-79 ODDS	SECTION 3.3	# 9-79 ODDA
SECTION 2.4	# 5-61 ODDS	SECTION 3.4	# 15-83 ODDS
SECTION 2.5	# 13-97 ODDS		
SECTION 2.6	# 1-109 EOO		
SECTION 2.7	# 1-51 ALL		
SECTION 2.8	# 1-101 EOO		

SECTION 4.1	# 1-95 ODDS	SECTION 5.1	# 1-89 EOO
SECTION 4.2	# 1-77 ODDS	SECTION 5.2	# 9-65 EOO
SECTION 4.3	# 1- 61 ODDS	SECTION 5.3	# 9-85 EOO
SECTION 4.4	# 17-99 ODDS	SECTION 5.4	# 9-95 EOO
SECTION 4.5	# 9-97 ODDS	SECTION 5.5	# 11-79 EOO
SECTION 4.6	# 3-79 ODDS	SECTION 5.6	# 3-37 ADDS
SECTION 4.7	# 7-75 EOO		