

**WEST LOS ANGELES COLLEGE - SPRING 2014**  
**MATH 123 A - SYLLABUS**

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

**TIME & ROOM:** MTWH: 9:35 AM–10:40 AM, MSA 006, SECTION 1485

**OFFICE HOURS:** MW: 7:00 AM-8:00 AM in the MSB 203  
TH: 12:30 PM-2:30 PM in the MSB 203  
T: 1:00 PM-2:00 PM in the Learning Resource Center ("Library")

**INSTRUCTOR:** Manushak Movsisyan

**OFFICE:** MSB 203

**E-MAIL:** [movsism@wla.edu](mailto:movsism@wla.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, February 21<sup>th</sup>  
Last days to drop without a "W", February 21<sup>th</sup>  
Last day to drop with a "W", May 9<sup>th</sup>  
Final Exam, June 5<sup>th</sup>

**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%	<b>A</b>
80%-89%	<b>B</b>
70%-79%	<b>C</b>
60%-69%	<b>D</b>
59% and below	<b>F</b>

**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  
SPRING 2014**

**SUBJECT: MATH 123 A  
INSTRUCTOR: Manushak Movsisyan**

This schedule is tentative. It is subject to change.

Week 1	2/10 Introduction; 1.1	2/11 1.2	2/12 1.3	2/13 1.4
Week 2	2/17 PRESIDENT'S DAY	2/18 1.4	2/19 1.5	2/20 1.6
Week 3	2/24 1.7	2/25 1.8	2/26 Review	2/27 <b>Test-1/ CH 1</b>
Week 4	3/3 2.1	3/4 2.2	3/5 2.2	3/6 2.3
Week 5	3/10 2.4	3/11 2.4	3/12 2.5	3/13 2.5
Week 6	3/17 2.6	3/18 2.6	3/19 2.7	3/20 2.7
Week 7	3/24 2.8	3/25 2.8	3/26 Review	3/27 <b>Test-2/ CH 2</b>
Week 8	3/31 CESAR CHAVES DAY	4/1 3.1	4/2 3.2	4/3 3.3
Week 9	4/7 SPRING BREAK	4/8 SPRING BREAK	4/9 SPRING BREAK	4/10 SPRING BREAK
Week 10	4/14 3.3	4/15 3.4	4/16 Review	4/17 4.1
Week 11	4/21 4.2	4/22 4.3	4/23 4.4	4/24 4.5
Week 12	4/28 Review	4/29 <b>Test-3/ CH 3 &amp; 4</b>	4/30 4.6	5/1 4.6
Week 13	5/5 4.7	5/6 4.7	5/7 Review	5/8 5.1
Week 14	5/12 5.2	5/13 5.3	5/14 5.4	5/15 5.5
Week 15	5/19 5.6	5/20 5.6	5/21 Review	5/22 <b>Test-4/ CH 4 &amp; 5</b>
Week 16	5/26 MEMORIAL DAY	5/27 NON INSTRUCCION	5/28 FINAL REVIEW	5/29 FINAL REVIEW
Week 17	6/2 FINAL REVIEW	6/3	6/4 FINAL EXAM 10:15AM-12:15 PM	6/5

## HOMEWORK

## MATH 123A

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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 2.2 # 21-67 ODDS  
SECTION 2.3 # 9-79 ODDS  
SECTION 2.4 # 5-61 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 3.1 # 9-76 ODDS  
SECTION 3.2 # 15-73 EOO  
SECTION 3.3 # 9-79 ODDA  
SECTION 3.4 # 15-83 ODDS

SECTION 4.1 # 1-95 ODDS  
SECTION 4.2 # 1-77 ODDS  
SECTION 4.3 # 1- 61 ODDS  
SECTION 4.4 # 17-99 ODDS  
SECTION 4.5 # 9-97 ODDS  
SECTION 4.6 # 3-79 ODDS  
SECTION 4.7 # 7-75 EOO

SECTION 5.1 # 1-89 EOO  
SECTION 5.2 # 9-65 EOO  
SECTION 5.3 # 9-85 EOO  
SECTION 5.4 # 9-95 EOO  
SECTION 5.5 # 11-79 EOO  
SECTION 5.6 # 3-37 ADDS