

# Syllabus

Math 110

Introduction to Algebraic Concepts

Fall 2017

## Instructor Information

Name: Emil Sargsyan

Office hours: M: 8:30-9:10AM, 3-5PM,  
T: 12:10-12:30PM, W: 8:30-9:10AM, TH:  
3:10-5:10PM

Location: CMS 136

Email: sargsye2@lamission.edu

Phone number: (818) 364-7898

## Course Information

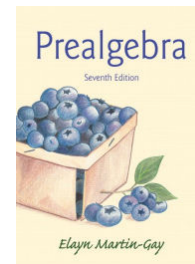
Section number: 17114

Lecture time: T,TH 8:55AM-11:00AM  
11:05-12PM

Location: CMS 128

**MML Course ID: sargsyan57378**

## Text Book



*PreAlgebra*, by Elayn Martin-Gay, seventh edition. The textbook is **highly recommended**. If you have taken Math 112 recently at LAMC, you may have bought this book and used MyMathLab to do the online assignments. In that case, you don't need to buy anything for this class. If you didn't buy the book mentioned above, nor used the MyMathLab courseware, then you may purchase the textbook from the bookstore. **The book comes bundled with the code needed to access the online assignments. If you choose not to buy the textbook, you may purchase the code online through MyMathLab, and this will give you access to the e-book and the online assignments.**

**Prerequisites:** None

**Calculators:** Scientific calculators are recommended, but basic calculators are required. I recommend the TI-30XS Multiview Scientific Calculator. Calculators will not be allowed on quizzes and exams pertaining to chapters 1 through 5. Calculators will be allowed on quizzes and exams on some problems pertaining to chapters 6 through 10. No graphing calculator, cell phone, nor hand held computer are allowed on a quiz or test.

Grading		
Final Exam	28%	The final is a common and cumulative made by the math department.
Tests	50%	Best 4 out of 5 exams (The lowest test score of the 5 will be dropped, unless you were assigned a zero due to academic dishonesty)
Online quizzes	7%	On MyMathLab

**Final:** This course has a common departmental cumulative final. You are required to take the final exam to pass the class. No make-up finals will be allowed. **The final will be on December 12 at 10:00AM.**

**Exams:** There will be five exams. They are all written and in free response format. They cover about two chapters worth of material each. You have to show all your work on exams to earn full credit. Students are not allowed to use notes during exams. The tentative testing schedule is given in the timeline at the end of this syllabus. The lowest exam score is dropped. I strongly encourage you to study for and take ALL exams, because should circumstances force you to miss an exam, you will certainly appreciate the “freebie”.

**Online Assignments:** In order to access the required classwork, homework, quizzes, and practice tests you will need to register with MyMathLab online program and enroll in my section with the **course ID sargsyan57378**. The access code for MyMathLab will be packaged with the new textbook sold in the bookstore. Textbooks purchased online or at other bookstores may not include the access code for MyMathLab (MML). In that case students may purchase the access code for MyMathLab separately online at <http://www.mymathlab.com>.

- Homework, lab assignments, quizzes, and practice tests will be assigned online through this system. Assistance in registering/purchasing the access code will be available the first day of class.
- Students should work on their homework as each section is completed in class. There are due dates posted online for each online assignment. Students are expected to finish their online homework by the stated due date shown online.
- Students should work on their lab assignments during lab hours. Please pay attention to the due dates. **No extensions will be granted for lab assignments.** All scores will be automatically transferred to the instructor after a student hits the submit button. Since MyMathLab does not grade each step of students' work, it is important that students write down their solving steps clearly on a lab notebook in order to identify the mistakes made. Instructor may require students to turn in all written work per lab assignment to support answers submitted through MyMathLab. Points may be deducted for the lab assignments if work was not shown in a clear and organized manner and labeled neatly indicating the section being worked on, and the problem number.

**Classwork:** Classwork will be given regularly in the form of group work or individual work. Active learning is very effective, especially in a Math class. Classwork is also my way of taking attendance and checking that you were in class.

**Your grade in the course is determined according to the following scale:**

A

90 – 100%

B

80 – 89%

C

70 – 79%

D

60 – 69%

F

0 - 59%

For borderline cases attendance, participation, and level of improvement on the final are considered.

## Tutoring

Free math tutoring is available in the STEM Center and Science Center located in CMS 121: Monday thru Thursday 11:00 am-7:00 pm or in the LRC Math LAB: Monday thru Thursday 9:00 am-6:00 pm and Friday 10:00 am -4:00 pm.

**Description:** This course covers the fundamentals of arithmetic through beginning algebra skills that are essential for Elementary Algebra. Topics include operations on whole numbers, fractions, decimals, and integers; order of operations; ratios, proportions, percents, and applications; perimeter, area, and volume applications; metric and English conversions; and simple algebraic expressions and equations. Basic word problems that embody these concepts are included throughout the course. Students may not earn credit for both Math 110 and Math 112. This course has a laboratory component.

**Student Learning Outcomes:** By the end of the course, the successful student will be able to:

- 1. Perform operations and simplify numerical and algebraic expression involving integer and rational numbers.**
- 2. Write linear equations for word problems and solve.**

**Attendance:** Regular and punctual attendance is expected from all of us. Unlike most other courses, missing just one mathematics class will immediately place you at a disadvantage because it is difficult, if not impossible, to catch up on the missed material by yourself. You are responsible for all material presented and discussed in every class meeting. The procedures for dropping classes are detailed on page 58 of the 2015-2016 Los Angeles Mission College Catalog.

**Withdrawals:** If you stop attending the class (or wish to drop a class), YOU MUST DROP THE CLASS YOURSELF – OFFICIALLY – on or before **November 19, 2017** (by internet only). Failure to do so may result in a grade of "F" in the class. A new state policy in effect as of 2012 limits students to **three attempts per course**. Receiving a grade or a "W" for a course counts as an attempt, **regardless of when the course was taken**. Withdrawal by the deadline to avoid a "W" will not count as an attempt. For Fall 2017 the deadline to avoid a "W" is **December 10**.

**Cell Phones:** Please turn off your phones before coming to class. Class time is for learning and interacting with me and your classmates, not for personal or business calls.

**Cheating:** Any form of academic dishonesty will not be tolerated. If caught, you may be given a zero for that particular exam or quiz. The event will be reported to the Math Department Chair who will forward the report to the VP of student services for disciplinary action which may include suspension or expulsion.

**Student Conduct:** Students are expected to adhere to all school policies, and to abide by the standards of student conduct as described in the 2015-2016 Los Angeles Mission College Catalog on pages 35 and 36. Any infringement upon the rights of other students in the class, such as talking or disruptive behavior will not be tolerated.

**Miscellaneous:** To be successful in this and any other math class, expect to spend **at least** two hours for every class hour. If you have prior engagement such as work and a full load schedule, it will affect your success in this class. So please prioritize and set yourself realistic expectations. Do not take on more than you can handle. Please stop by my office any time throughout the semester and let me know how I can help you. Keep in mind that the majority of the learning that you do in college courses takes place outside of class. What you get out of this class is a reflection of what you put into it. Mathematics is not a spectator sport. You have to put in the work to see the results!

### Important Dates for Fall 2016:

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Last day to ADD full term (16-week) classes in person:	September 10
Last day to drop without receiving a "W" (By Internet Only):	September 10
Last day to drop with a "W" (By Internet Only):	November 19
Final Exam:	<b>December 12 at 10:00AM</b>

### Accommodations for DSPS students:

LAMC students with verified disabilities who are requesting academic accommodations should use the following procedure:

**Step 1: Obtain documentation of your disability from a licensed professional. You may contact DSPS to request a *Disability Verification Form*.**

**Step 2: Make an appointment to meet with a DSPS Specialist to review your documentation and discuss reasonable accommodations. To schedule a meeting, please call DSPS at (818)364-7732.**Step

**3: Bring your disability documentation to your DSPS appointment. The DSPS office is located in room 1018 of the Instructional Building.**

**Step 4: *Each semester*, reach written accommodation agreement with the DSPS Specialist and your instructor.**

To be most effective, students should complete this process by the end of the 3<sup>rd</sup> week of the semester. Tests with required accommodations must be taken at the DSPS office.

### Resources:

- **Management of Stress and Mental Health:**

If you, or someone you know is in distress due the pressure of succeeding in school and contending with work, financial issues, relationships, managing time effectively, getting enough sleep, etc., please visit the Student Health Center (SHC), which offers a broad range of confidential student services including counseling and mental health services. The SHC is located in the Campus Services Building Building. The SHC webpage is [lamission.edu/healthcenter](http://lamission.edu/healthcenter) and the phone number is 818-362-6182. The National Suicide Prevention Lifeline number is 800-273-8255.

*\*Please note that the SHC is slated to move into its new location, between the President's Office and Administrative Services, in the Spring 2016 semester.*

- **Bookstore:** For hours of operation, book availability, buybacks, and other information call (818) 364-7798 or 364-7768 or visit: <http://eagleslanding.lamission.edu/>

- **Counseling Department:** For appointments and information call (818) 364-7655 or visit <https://www.lamission.edu/counseling/>

- **Extended Opportunity Programs and Services:** For appointments and information call (818) 364-7645 or visit <http://www.lamission.edu/eops/>

- **Financial Aid:** For information and applications call (818) 364-7648 or visit <http://www.lamission.edu/financialaid/>
- **Library:** For information on library hours, resources, workshops, and other services contact (818) 364-7105 or 364-7106 or <http://www.lamission.edu/library/>
- **Tutoring Services in Learning Center:** Laboratories for Learning, Writing, Math & Science. Walk-in and appointment services offered. Call (818) 364-7754 or visit <http://www.lamission.edu/learningcenter/>
- **STEM Program:** For those interested in pursuing a science, technology, engineering and math, please call the STEM counselor Marina Sangkavichai at (818) 833-3425 or visit <http://www.lamission.edu/stem/>

## Success and Study Tips

1. **Attend class--** Choose to attend all class periods on time and don't leave early. If you are absent on a day that a quiz is given, you lose the points for that quiz. Also, knowledge in any math class is extremely cumulative. What you miss one day will continue to hurt you throughout the rest of the course.

2. **Pay attention--** Pay attention in class, participate in class discussions, and ask questions. The instructor regularly gives away tips for exams and quizzes, so make sure you take note of them.

3. **Do all homework--** Do or attempt all homework not for the sake of just doing it, but trying to understand the concepts, learning them in the process. "Practice makes perfect" applies not only to music and sports, but also in mathematics. Be sure to schedule sufficient time to complete your assigned tasks before the next class period.

4. **Get help--** Know how to get help if you need it. Consult instructor during posted office hours. These hours are for you to visit me and ask questions and express any concerns you have. Use the resources available to you for free (especially the Math Center which provides drop-in Math tutoring).

5. **Keep up with all work--** Getting behind will "snowball" on you very rapidly. Do your homework on a daily basis.

6. **Study math everyday--** Don't leave all the work until the weekend. No one can "digest" so much math all at once, no matter how much time you spend trying. Math is best studied in bite-sized, digestible pieces. That means studying a few hours every day.

7. **Read the text--** Reading your math text should be done slowly and carefully... it doesn't read like a novel or a magazine. It is important that you learn the language of math; you cannot succeed in any math course without learning to express yourself in that language. Only by reading your text carefully and regularly can you learn it. Also, make sure to check the additional resources available at the beginning or the end of the textbook.

8. **Get Organized--** Organize your class materials, including homework assignments, graded quizzes and tests, notes and any worked out review problems. These items will make valuable references when studying for upcoming tests and the final exam.

9. **Find other students to study with.** Group work can be very productive, and is very much encouraged. You'll be given opportunity to work in a group so exchange email and phone numbers with a couple of students in the class.

Name: \_\_\_\_\_ Email: \_\_\_\_\_ Phone: \_\_\_\_\_

Name: \_\_\_\_\_ Email: \_\_\_\_\_ Phone: \_\_\_\_\_

10. **Strive for understanding not just rote memory.** Understanding greatly enhances your ability to comprehend later material. Memory is unreliable, and temporary. Understanding is intense, never lost...and exciting!

## Fall 2017 Math 110 Timeline

Week	Date	Tuesday	Thursday
1	Aug 29 / Aug 31	Intro + 1.2 to 1.6	1.7 to 1.8, 2.1
2	Sept 05 / Sept 07	2.2 to 2.4	2.5 to 2.6
3	Sept 12 / Sept 14	Exam I Review	<b>Ch1&amp;2 Test (No Calculator)</b>
4	Sept 19 / Sept 21	3.1-3.3-3.4, 4.1	4.2, 4.3, 4.4
5	Sept 26 / Sep 28	4.4 to 4.5	4.6 to 4.8
6	Oct 03 / Oct 05	<b>Ch3&amp;4 Test (No Calculator), 5.1, 5.2</b>	5.3-5.5
7	Oct 10 / Oct 12	5.6, 6.1	6.2-6.4
8	Oct 17 / Oct 19	6.4- 6.5, Review	<b>Ch5&amp;6 Test (Limited use of Calculator), 7.1</b>
9	Oct 24 / Oct 26	7.2- 7.3	7.4, 7.5
10	Oct 31 / Nov 02	7.6	8.1 to 8.2
11	Nov 07 / Nov 09	8.3 to 8.4	Review, 9.1
12	Nov 14 / Nov 16	<b>Ch7&amp;8 Test, 9.2</b>	9.3-9.5
13	Nov 21 / Nov 23	9.6, 10.1	Thanksgiving
14	Nov 28 / Nov 30	10.2, 10.3	Review
15	Dec 05 / Dec 07	<b>Ch9&amp;10 Test, Review</b>	Review
16	<b>Dec 12 / Dec 14</b>	<b>Final Exam (10:00-12:00pm)</b>	