

Math 123B Fall 2017	Elementary and Intermediate Algebra II Instructor: Tigran Mkrtchyan
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Section: 26154	Lecture Time: MW 7:45 - 9:10 AM	Location: CMS 126
	Lab Time: MW 9:20 - 10:15 am	Location: CMS 126
Office Hours:	MW 7-7:45 am, 5:25 – 7pm, TTh 7-7:45 am	
Office Location:	CMS 247, Office #249	
Telephone:	(818) 364-7669	
E-mail:	mkrtcht@lamission.edu	
Website:	<a href="http://www.mymathlab.com">www.mymathlab.com</a>	
MyMathLab Course ID:	mkrtchyan52084	

**PREQUISITE:**

Math 123A with a grade of C or better, or appropriate skill level demonstrated through the mathematics assessment process.

**TEXTBOOK:**

*Beginning and Intermediate Algebra*, by Elayn Martin-Gay, 2<sup>nd</sup> Custom Edition for LAMC, bundled with MyMathLab access code. The textbook is **highly recommended** as you will be using it for this and the next course (Math 123C). You will only find this book at the college bookstore since it is a new custom edition. A MyMathLab access code is required to access online assignments, quizzes, practice tests, etc. If you choose not to buy the textbook, you may purchase the access code online through MyMathLab ([www.mymathlab.com](http://www.mymathlab.com)), and this will give you access to the e-book as well as all the online assignments.

**COURSE OBJECTIVE:**

Factor polynomials using a variety of techniques; solve equations and word problems using factoring; manipulate and simplify algebraic fractions using the basic operations of addition, subtraction, multiplication and division; solve equations containing algebraic fractions; graph equations in two variables; determine equations of lines; solve systems of equations; determine roots; simplify, add, subtract, multiply and divide radicals; solve equations containing radicals; solve quadratic equations using completing the square and the quadratic formula.

**STUDENT LEARNING OUTCOMES:**

Upon completion of this course, the student will be able to:

1. Apply the appropriate strategy to simplify algebraic expressions.
2. Solve equations (linear, quadratic, rational and radical equations) and systems including application problems.

**COURSE DESCRIPTION:**

The lecture and the lab will follow the attached course schedule as closely as possible. Math 123B is a traditional lecture based course combined with computer aided instruction. Students are required to maintain a notebook. In order to pass Math 123B, students must attend both the class lecture and the lab per class meeting. During the lab hour, students work on MyMathLab independently in the computer lab of the Math Center. The instructor is available to handle individual questions, offer mini-lectures, and establish some collaborative learning environment. The lecture and the lab will follow the tentative timeline (on the last page) as closely as possible.

**ATTENDANCE:**

Attendance is mandatory for all class meetings. Coming to class late or leaving early is disruptive, discourteous, and not acceptable. If you want to succeed in this course, you cannot afford to miss class. You could be dropped after 2 days of absence (See page 46 of the 2016-2017 Catalog for more details about attendance), but it is your responsibility as a student to drop a class if you decide to stop attending. The procedures for dropping classes are detailed on page 58 of the 2016-2017 Catalog.

### ONLINE ASSIGNMENTS through MyMathLab:

- Students need to have easy access to a computer with Internet access and a working email address. Students enrolled in Math 123B are required to purchase access to MyMathLab, an online courseware, and enroll in the section with course ID: **mkrtchyan52084**. 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.

### TESTING AND GRADING POLICIES:

- Quizzes are online before the due dates. Instructor may require students to turn in the written work per quiz for the best attempt to support answers submitted through MyMathLab. Points may be awarded or deducted for the quiz based on the submitted work. All work must be shown in a clear and organized manner and labeled neatly indicating the title of the quiz and the problem number. **No extensions will be granted for online quizzes.**
- Tests are paper and pencil format, and are taken in class on the scheduled date. All work must be shown for credit. Questions on the tests and final exam are based on assigned homework including the practice tests, lab assignments, and quizzes. There will be no make-ups for missed tests and/or the final exam. If the final examination score is higher than the lowest score of all tests, its percentage score will be used to replace the lowest test score. The final exam is comprehensive.

### GRADE CALCULATION:

Homework and Lab Assignment	20%
Quizzes	5%
Tests	50%
Final Exam	25%

### GRADE CUTOFF:

90% to 100%	A
80% to 89%	B
70% to 79%	C
60% to 69%	D
Below 60%	F

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

### CALCULATORS:

A scientific calculator is allowed on tests and final exam. No graphing calculator, cell phone, or any hand-held computers are allowed during in class assessments.

### CHEATING:

Any work that is not the student's or that the student has allowed others to copy will receive an automatic "F" for the assignment or the course. The event will be reported to the Math Department Chair who will forward the report to the VP of student services for disciplinary action.

### **STUDENT CONDUCT:**

Students are expected to adhere to all school policies, and to abide by the standards of student conduct as described in the 2016-2017 College Catalog on page 62 to 64. Any infringement upon the rights of other students in the class, such as talking or disruptive behavior will not be tolerated.

### **CELL PHONES:**

Please turn off your phones before coming to class. Class time is for learning mathematics, not for personal or business calls or texting.

### **IMPORTANT DATES:**

Last day to add classes online:	Sunday September 10
Last day to drop <i>without receiving a "W"</i> (Online Only):	Monday September 10*
Last day to drop <i>with a "W"</i> (Online Only):	Sunday November 19
Final Exam:	Monday, Dec 11, 7:30-9:30 am

*\*PLEASE NOTE: A letter grade will appear on your transcript record after this date, including a "W". **REMINDER:** Course repetition is regulated by state guidelines, limiting students to a maximum of three (3) enrollments in a course, to include both substandard grades and withdrawals, unless otherwise specified in the course description.*

### **TUTORIAL SERVICE:**

Free tutoring is available in the Math Center located in CMS 121. The Math Center phone number is (818) 364-7811. MyMathLab online tutorials can be accessed in the Math Center computers or any other computer with Internet access. Video lectures, animations and Interactive Figures for each section of each chapter of the textbook are accessible through MyMathLab under Multimedia Library. The hours of the Math Center are: M-Th 11AM-7PM. In addition, Math tutoring is available on the main campus at the MathLab in the Learning Resource Center (LRC) in Room 215. The hours of the MathLab are M-Th 9AM-6PM & Fri 10AM-4PM. Tutoring is also available thru NetTutor which can be found in MyMathLab.

### **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 3rd week of the semester. Tests with required accommodations must be taken at the DSPS office.

### **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 between the President's Office and Administrative Services. The SHC webpage is [www.lamission.edu/healthcenter](http://www.lamission.edu/healthcenter) and the phone number is 818-362-6182.

The National Suicide Prevention Lifeline number is 800-273-8255.

### Resources Available to Students at LA Mission College:

- **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/>
- **Disabled Students Programs and Services:** For appointments and information call (818) 364-7732 or visit <http://www.lamission.edu/dsps/>
- **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 visit <http://www.lamission.edu/library/>
- **Tutoring Services in Learning Center:** Laboratories for Learning & Writing. Walk-in and appointment services offered. Call (818) 364-7754 or visit <http://www.lamission.edu/learningcenter/>
- **Math Center:** Free Math tutoring, computer and internet access. Call (818) 364-7811 or visit <http://www.lamission.edu/mathcenter/>
- **Student Service Resources:** For a directory of student resources, visit <http://lamission.edu/de/student-services/>

## Math 123B Tentative Schedule

Week	Date	Monday	Wednesday
1	Aug 28 / Aug 30	Intro. MML, 4.1 & 4.2 (Review)	4.3 & 4.5 (Review)
2	Sep 04 / Sep 06	<i>Labor Day Holiday</i>	4.6 & 4.7
3	Sept 11 / Sept 13	4.7 & Ch4 Review	<b>Ch4 Test</b>
4	Sept 18 / Sept 20	5.1 & 5.2	5.3 & 5.4
5	Sept 25 / Sep 27	5.5	5.6
6	Oct 02 / Oct 04	5.7	Ch5 Review
7	Oct 09 / Oct 11	<b>Ch5 Test</b>	7.1 & 7.2
8	Oct 16 / Oct 18	7.3 & 7.4	7.4 & 7.5
9	Oct 23 / Oct 25	Ch7 Review	<b>Ch7 Test</b>
10	Oct 30 / Nov 01	8.1 & 8.2	8.3 & 8.4
11	Nov 06 / Nov 08	8.4 & 8.5	8.6 & 8.7
12	Nov 13 / Nov 15	8.7 & Ch8 Review	<b>Ch8 Test</b>
13	Nov 20 / Nov 22	9.1 & 9.2	9.3 & 6.4
14	Nov 27 / Nov 29	6.5 & 10.4	Review (9.1-9.3, 6.4-6.5, 10.4)
15	Dec 04 / Dec 06	<b>9.1-9.3, 6.4-6.5, 10.4 Test</b>	Final Review
16	Dec 11 / Dec 13	<b>Final Exam (7:30 AM-9:30 AM)</b>	