Math 123B, Elementary and Intermediate Algebra II, Fall 2013

Instructor: Tigran Mkrtchyan, **Lecture Time:** TTh 7:45 - 9:10 AM, **Location:** CMS 127
Section: 0332, **Lab Time:** TTh 9:20 - 10:15 AM, **Location:** CMS 120

Instructor Contact Information:

E-mail: mkrtcht@lamission.edu
Website: http://www.lamission.edu/~mkrtcht
Phone: 818-364-7669
Office Location: CMS 249 (inside CMS 247)
Office Hours: MW 6:25-6:55 PM, 9:35-10:35 AM; TTh 10:20 AM-12:00 PM, F 11:05 AM-12:15 PM or by appointment

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

REQUIRED TEXTBOOK & COMPUTER PROGRAM:
Beginning and Intermediate Algebra, by Elayn Martin-Gay, Custom Edition for Los Angeles Mission College, bundled with MyLabsPlus access code. Students may purchase the access code only through MyLabsPlus since MyLabsPlus contains the full eBook in the program. No new purchase is necessary for students who have used MyLabsPlus for Math 123A.

IMPORTANT DATES:

Last day to add classes:	Friday, September 6
Last day to drop without a "W":	Sunday, September 8
Last day to drop with a "W":	Sunday, November 17
Final Exam:	**Tuesday, December 10, 7:30 –9:30 AM**

CALCULATORS:
Only stand alone scientific calculators are allowed during the exams. Graphing calculators, cell phones, smart phones, laptops, ipads, tablets, etc. are not allowed during in-class assessments.

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.

STDENT 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 ORGANIZATION:
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 MyLabsPlus independently in the computer lab. The instructor is available to handle individual questions, offer mini-lectures, and establish some collaborative learning environment.

HOMEWORK and LAB ASSIGNMENTS through MyLabsPlus:

- Students need to have easy access to a computer with Internet access and a working email address. Students enrolled in Math 123B are automatically registered in an online system called MyLabsPlus to complete the required homework and lab assignments. The access code for MyLabsPlus will be packaged with the new textbook sold in the Mission College bookstore. The same textbook and software will be used for Math 123C. Students may purchase MyLabsPlus access code only since MyLabsPlus contains the full eBook in the program. For students who have not previously used MyLabsPlus, assistance with the software will be available.
- All homework and lab assignments will be given through MyLabsPlus. Students should work on their homework as each section is completed in class. Students should work on their lab assignments during lab hours and are required to complete their homework assignments by the stated due date shown online. Since MyLabsPlus 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. All MyLabsPlus scores will be automatically transferred to the instructor after a student hits the submit button. Instructor may require students to turn in all written work per lab assignment to support answers submitted through MyLabsPlus. Points may be deducted for the lab assignments if work was not shown in a clear and organized manner.
- **No late homework and lab assignment will be accepted**.

TESTING AND GRADING POLICIES:

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 and lab assignments including the practice tests. 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:		**Grade Cutoff:**	
Homework and Lab Assignment	22%	90% to 100%	A
Tests (5)	55%	80% to 89%	B
Final	23%	70% to 79%	C
		60% to 69%	D

TUTORIAL SERVICE:

Free tutoring is available in the Math Center located in the CMS 121. MyLabsPlus online tutorials can be accessed in the Math Center computers or any other computer with Internet access. Video lectures for each section of each chapter of the textbook are accessible through MyLabsPlus under Multimedia Library on the left column and selecting Section Video Lecture.

ATTENDANCE:

Regular and punctual attendance is expected! 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. Unlike many 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. You could be dropped after 4 absences but it is your responsibility as a student to drop a class if you decide to stop attending class.

WITHDRAWALS:

If you stop attending the class (or wish to drop a class) on or before November 17th, 2013, you must drop the class yourself – officially – by Internet or through the Office of Admissions and Records. Failure to do so may result in a grade of "F" in the class. Please take note of important dates noted below and in the timeline. The procedures for dropping classes are detailed on page 48 of the Fall 2013, Schedule of Classes.

TITLE V AND EDUCATION CODE CHANGES ON CLASS REPETITION:

Students are limited to three attempts at passing a course with a "C" or better. Any letter grade or "W" counts as an attempt. This rule is retroactive. It means, for example, that if a student got a "W" and a "D" in Math 115 two years ago, he/she has one more chance to pass before he/she is prevented from enrolling in Math 115. For fall 2013, the last day to drop without receiving a "W" is Sunday, September 8.

DISABLED STUDENTS:
Students with a verified disability who may need authorized accommodation(s) for this class are encouraged to notify the instructor and the Office of Disabled Students Programs and Services (DSPS) in Inst 1018 as soon as possible, at least two weeks before any exam or quiz. All information will remain confidential.

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.

STUDENT CONDUCT:
Students are expected to adhere to all school policies as described in the Schedule of Classes. Any infringement upon the rights of the 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.

Math 123B Tentative Schedule

Week	Date	Tuesday	Thursday
1	Aug 27/ Aug 29	4.1	4.2
2	Sept 03 / Sept 05	4.3 & 4.5	4.6 & Review Factoring
3	Sept 10 / Sept 12	4.7	**Ch4 Test**
4	Sept 17 / Sept 19	5.1 to 5.2	5.3 to 5.4
5	Sept 24 / Sept 26	5.5 to 5.6	5.6 to 5.7
6	Oct 01 / Oct 03	Review	**Ch5 Test**
7	Oct 08 / Oct 10	7.1 to 7.2	7.3 to 7.4
8	Oct 15 / Oct 17	7.4 to 7.5	Review
9	Oct 22 / Oct 24	**Ch7 Test**	8.1 to 8.2
10	Oct 29 / Oct 31	8.3 to 8.4	8.4 to 8.5
11	Nov 05 / Nov 07	8.6 & 8.7 (Basic)	Review
12	Nov 12 / Nov 14	**Ch8 Test**	9.1 to 9.2
13	Nov 19 / Nov 21	9.2 to 9.3	6.5 (Review), 10.4
14	Nov 26 /Nov 28	Review	***Thanksgiving Day (no class)***
15	Dec 03 / Dec 05	**Linear & Quadratic Equations Test** (9.1-9.3, 6.5, 10.4)	Final Review
16	Dec 10 / Dec 12	**Final Exam (**7:30 -9:30 am)	No Class