Math 125, Intermediate Algebra, Spring 2013

Instructor: Tigran Mkrtchyan, **Section:** 0364, **Class Time:** TTh 7:45- 10:15 AM**,** **Location:** CMS 021

Instructor Contact Information:
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Textbook: *Beginning and Intermediate Algebra*, by Elayn Martin-Gay, Custom Edition for Los Angeles Mission College. The textbook is **highly recommended**. If you took Math 115 in fall 2012, you may have bought this book and used MyLabsPlus 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 MyLabsPlus 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 MyLabsPlus, and this will give you access to the e-book.

Prerequisites: Math 115 with a grade of "C" or better or appropriate skill level demonstrated through the Math assessment process, or by permit.

Important Dates:

Last day to add classes:	Friday, February 15
Last day to drop without a "W":	Monday, February 18
Last day to petition for credit/no credit:	Friday, March 8
Last day to drop with a "W":	Sunday, May 5
Final Exam:	**Tuesday, May 28, 7:30 AM – 9:30 AM**

Last day to drop without a W: In the past this was the census date, about the 3rd week of classes. It is now the same day as the last day to add, February 18.

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. And this rule is retroactive. This means for example that if a student got a "W" and a "D" in Math 125 two years ago, he has one more chance to pass before he is prevented from enrolling in Math 125.

Course Description: This course will prepare you for the next college-level math class such as Statistics, College Algebra, Calculus for Business and Social Science. There will be a brief review of concepts learned in Elementary Algebra using more challenging illustrations and examples. New topics include: rational exponents, nonlinear and absolute value inequalities, functions and their graphs, introduction to the conic sections, solving systems of three variables, second-degree systems, and an introduction to exponential and logarithmic functions.

Student Learning Outcomes: By the end of the course, the successful student will be able to:
1. Solve, graph, and analyze various equations or systems of equations and inequalities.
2. Interpret, graph and analyze various functions.

Attendance and Participation: It is very important that you attend every day. It means being in your seat on time, having your homework done, and being ready to participate. All students are expected to arrive on time. Late arrivals are disruptive to both the lecturer and students. Once you are seated, do not leave the room until the break. Such comings and goings are also disruptive. Students must turn off all cell phones and other electronic devices while in class.

Unexcused absences of three meetings may result in excluding you from class. However, **should a student decide to stop attending class it is their responsibility to drop the class; failure to do so may result in a grade of F**. All students appearing on the grade roster will receive a grade regardless of whether they are attending classes or not.
In order to succeed in class your mere presence in the classroom is not enough. You should actively participate in the classroom activities and discussions, take notes and ask questions each time you don't understand.

Homework:
Students enrolled in Math 125 are automatically registered in an online system called MyLabsPlus. Homework and practice exams will be assigned online through this system. The access code for MyLabsPlus is packaged with the new textbook sold in the Mission College bookstore. Textbooks purchased online or at other bookstores may not include the access code for MyLabsPlus. The access code may be purchased on its own through lamc.mylabsplus.com site. 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 HW and it is the students' responsibility to turn in the assignments by the due date. **No extensions will be granted**. All scores will be automatically transferred to the instructor after a student hits the submit button. Since the system does not grade each step of students' work, it is important that students write down their solving steps clearly on a HW notebook in order to identify the mistakes made. Instructor may require students to turn in this HW notebook as part of the HW points. Points may be deducted 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/Quizzes: Classwork will be given regularly in the form of group work or individual work. Active learning is very effective, especially in a Math class. Quizzes will also be given to get you ready for upcoming exams. These will be announced and usually include 3 to 5 questions.

Final Exam: The final exam is cumulative. You are required to take the final exam to pass the class.

Exams: There will be five exams. They are all free response, and they cover two chapters worth of material each. Students are not allowed to use notes during exams. The tentative testing schedule is given in the timeline. The lowest exam score is dropped.

Calculators: Scientific (not graphing) calculators are required. Any kind will do the job. Cell phones or IPods will not be allowed to use as a calculator.

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.

Getting Help:
- Use available free tutoring at the Math Center located in CMS 121.
- Use online tutorials available at the website lamc.mylabsplus.com under Multimedia Library. These include: Video lectures, animations, and chapter test prep videos.
- See me during my office hours or make an appointment.
- Use video solutions of selected problems that I will create using Camtasia Studio and Mathematica and post on our website: http://lamission.edu/~mkrtcht.
- Use useful online resources created by STEM posted on the Math Center and STEM website.
- **Get help before it's too late.** Do not get behind. It will be much harder later.

Grading: Final grades will be based on:
▪ Final exam – 30%
▪ Best 4 out of 5 Exams – 54%
▪ Online Homework & Online Quizzes – 8%
▪ Classwork/Quizzes – 8%

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: 59% and below

Special Services: Students with disabilities, whether physical, learning, or psychological, who believe that they may need accommodations in this class, are encouraged to contact Disabled Students Programs & Services (DSPS) as soon as possible to ensure that such accommodations are implemented in a timely fashion. Authorization, based on verification of disability, is required before any accommodation can be made. The phone number for Special Services is (818) 364-7732 or (818) 364-7620 and they are located in the Instructional Building room 1018. DSPS website: http://www.lamission.edu/dsps/

Good Luck in Math 125 this Semester !!!
Remember Luck is the result of Hard Work

Math 125 Tentative Schedule

Week	Date	Tuesday	Thursday	Notes
1	Feb 05 / Feb 07	Intro + Ch 3 Review	3.7 (Synthetic Division) + Ch 4 Review	
2	Feb 12 / Feb 14	Ch 4 Review + Factoring binomials with cubes	5.1 to 5.3	
3	Feb 19 / Feb 21	**Ch 3 & 4 Test +** 5.4	5.5 to 5.7	
4	Feb 26 / Feb 28	Ch 6 Review	Ch 6 Review + 6.6 (Functions)	
5	Mar 05 / Mar 07	**Ch 5 & 6 Test +** Ch 7 Review	Ch 7 Review + 7.4 (Systems of Linear Equations in 3 variables)	
6	Mar 12 / Mar 14	Appendix D (Matrices) + Ch 8 Review	Ch 8 Review	
7	Mar 19 / Mar 21	8.2 (Rational Exponents) + 8.7 (Complex Numbers)	**Ch 7 & 8 Test** + 9.1	
8	Mar 26 / Mar 28	9.2, 9.3	**No Class**	
9	Apr 02 / Apr 04	***Spring Break (no class)***	***Spring Break (no class)***	
10	Apr 09 / Apr 11	9.4, 9.5	9.6 + 10.1	
11	Apr 16 / Apr 18	10.2, 10.3	10.4 + 11.1	
12	Apr 23 / Apr 25	11.2 to 11.4	**Ch 9, 10 & 11 Test**	
13	Apr 30 / May 02	12.1, 12.2	12.3, 12.4	
14	May 07 /May 09	12.5, 12.6	12.7, 12.8	
15	May 14 / May 16	13.1, 13.2	13.3, 13.4	
16	May 21 / May 23	**Ch 12 & 13 Test**	Final Review	
17	May 28 / May 30	**Final Exam** **(7:30 to 9:30 AM)**	**No Class**	