MATH 125 Intermediate Algebra
Spring 2013 Section: *0373* Time: *MW 12:20–2:50pm* Location: *CMS 029*

Instructor:

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Text & Courseware: *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.

Prerequisite: 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,	Feb. 15
Last day to DROP classes, without a "W"	Monday,	Feb. 18
Last day to petition for credit/no credit	Friday,	March 8
Last day to DROP, with a "W"	Sunday,	May 5

Final Exam: Monday, June 3, 12:30 – 2:30 pm

Course Description: This course will prepare you for the next college-level math class such as Statistics, College Algebra, and 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.

Course Organization: The course will follow the attached course schedule as closely as possible.

Student Learning Outcomes:

1. Solve, graph, and analyze various equations or systems of equations and inequalities.
2. Interpret, graph and analyze various functions.

Resources:

- Free tutoring and other academic resources such as math textbooks, calculators, and computers with internet access are available at the Math Center located in the CMS 121. For more information, call (818)364-7711 or visit http://lamission.edu/mathcenter/.
- STEM resources including academic counseling and advisement are available through Los Angeles Mission College STEM program. For more information, call (818) 833-3425 or visit http://lamission.edu/stem/.
- Disabled Students Programs and Services (DSPS): For appointments and information call (818) 364-7732 or visit http://lamission.edu/dsps/.

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 exams.

Online Homework & Quizzes:

- 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.

Class work/Quizzes: Class work 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. Quizzes will be brief and will be announced. There will be no make-up class work and quizzes.

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 at the end of this syllabus. The lowest exam score is dropped. There will be no make-up exams.

Final: The final is cumulative and accounts for the biggest individual chunk of your grade. It covers everything we will learn throughout the semester, which is a lot! Keeping your notes organized and your exams and quizzes handy is important to do throughout the semester. Preparing good review sheets as you study for every exam will prove very useful at the end when you are getting ready for the final. The final will be on Monday, June 3rd from 12:30 -2:30 PM. You must take the final to pass the class. No make-up final will be allowed.

Grading:

Online Homework & Quizzes	10 %
Classwork/Quizzes	10 %
Exams (Best 4 out of 5)	52 %
Final Exam	28 %

Grading scale: Letter grades will be determined by your overall percentage in the course:

A = 90%-100%
B = 80%-89%
C = 70%-79%
D = 60%-69%
F = 59% and below

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

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.

Withdrawals: If you stop attending the class (or wish to drop a class) on or before May 5th, 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 above and in the timeline. The procedures for dropping classes are detailed on page 48 of the Spring 2013, Schedule of Classes.

Title V and Education Code Changes on Class repetition:
A new state policy in effect as of Summer 2012 limits students to 3 attempts per course. Receiving a grade or "W" for a course counts as an attempt**, regardless of when the course was taken**.
For spring 2013, the last day to drop without receiving a “W” is Monday, February 18.

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 Schedule of Classes on page 50. 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. Please stop by my office any time throughout the semester and let me know how I can help you. 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 function of what you put into it. Mathematics is not a spectator sport. You have to put in the work to see the results!

Tentative Schedule Math 125

Week	Date	Monday	Wednesday
1	Feb 04 / Feb 06	Intro + Ch 3 Review	3.7 (Synthetic Division) + Ch 4 Review
2	Feb 11 / Feb 13	Ch 4 Review + Factoring binomials with cubes	5.1 to 5.3
3	Feb 18 / Feb 20	***President's Day (no class)***	**Ch 3 & 4 Test** + 5.4
4	Feb 25 / Feb 27	5.5 to 5.7	Ch 6 Review
5	Mar 04 / Mar 06	Ch 6 Review + 6.6 (Functions)	Ch 7 Review
6	Mar 11 / Mar 13	**Ch 5 & 6 Test** + 7.4 (Systems of Linear Equations in 3 variables)	Appendix D (Matrices) + Ch 8 Review
7	Mar 18 / Mar 20	Ch 8 Review	8.2 (Rational Exponents) + 8.7 (Complex Numbers)
8	Mar 25 / Mar 27	9.1 to 9.2	**Ch 7 & 8 Test** + 9.3
9	Apr 01 / Apr 03	***Spring Break (no class)***	***Spring Break (no class)***
10	Apr 08 / Apr 10	9.4 to 9.5	9.6 + 10.1
11	Apr 15 / Apr 17	10.2 to 10.3	10.4 + 11.1
12	Apr 22 / Apr 24	11.2 to 11.4	12.1 to 12.2
13	Apr 29 / May 01	**Ch 9, 10 & 11 Test** + 12.3	12.4 to 12.5
14	May 06 /May 08	12.6 to 12.7	12.8 + 13.1
15	May 13 / May 15	13.2 to13.3	13.4
16	May 20 / May 22	**Ch 12 & 13 Test**	Final Review
17	May 27 / May 29	**Memorial Day (no class)**	No Class
18	June 03 / June 05	**Final Exam (12:30-2:30 pm)**	No Class