MATH 125 SYLLABUS
FALL 2012

Section 0359 (MW 12:25—2:55) in CMS 021

INSTRUCTOR: BAMDAD SAMII

➢**Office hours:**

MW 10:30 – 12:20 in **CMS135**
T 11:30 – 1:00 in **CMS 135**
TH 11:30 – 12:30 in **CMS 121**

or by appointment in **CMS 135**

➢**Phone number:**

818-833-3379

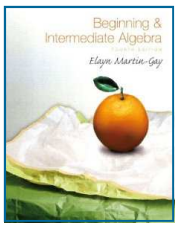
➢**Email:**

samiib@lamission.edu

➢**Web:**

www.lamission.edu/~samiib

Text:



Beginning and intermediate Algebra, 4th ed.

By Elayn Martin-Gay

With MyMathLab

Prerequisites:

A grade of C or better in math 115, or appropriate skill level demonstrated through the math placement process.

Course Description:

Fundamental laws, exponents, radicals, equations (linear, quadratic, and some of higher degree), systems of equations and inequalities (linear and quadratic), conics, complex numbers, functions, logarithms and binomial theorem

Teaching Philosophy:

I believe that that the most important aspect of learning mathematics is the development of critical reasoning. I find this belief to be driving force in my passion for teaching mathematics. Some of you may pursue mathematics beyond the minimum required courses, but the majority will choose not to go beyond that. The ability to think logically and reason abstractly will be a skill that you will use beyond your school years and in your everyday life whether you realize it or not. I always try to build my lectures and examples with the goal of developing the reasoning for using each skill and method. Learning mathematics begins with understanding the "why" rather than the "how". Every time a new topic is introduced I will try to make sure that you understand why we are going to adopt a certain method of doing the problems. A good example should not only demonstrate the skill needed for solving a problem, but also the reason that skill is the right skill or at least the preferred skill.

"I expect you all to be independent, innovative, critical thinkers who will do exactly as I say!"

I also believe that once you have the necessary foundation then most mathematics is learned by doing. A lecturer's role is to provide basic directions, clarify the reasons for taking certain steps and point out the pitfalls of each method. After that you should be provided the opportunity to practice those skills in class preferably in small groups so that you can learn from each other's mistakes and benefit from explaining your methods to others.

Grading:

Tests: **55**% of the grade

There will be 5 tests during the semester. **The tests will be cumulative and include problems similar to those from previous tests**. *Your lowest test score will be re placed with your score on the Final.*

The tentative dates for these tests are: 9/10, 10/1, 10/17, 11/5, 12/3,

There will be no make-up tests given without prior authorization or an official medical notice.

Assignments: **15%** of the grade

These include Homework, Classwork and quizzes.

Students enrolled in this section of Math 115 are required to register with MyMathLab online program and enroll in my section **course ID:samii77702**to complete the required online homework and quizzes. The access code for MyMathLab will be packaged with the new text book sold in the bookstore. Textbooks purchased online or at other book stores may not include the access code for MyMathLab. In that case students may purchase the access code for MyMathLab separately online at *http://www.coursecompass.com/.*

If you used this book last semester you do not need to purchase a new code.

"Learning is not something that happens to students, it is something that happens by students."

Final: **30%** of the grade

The final is on December 10h, 12:30 – 2:30 and covers the entire semester.

Grades:

90—100%	**A**
80—89%	**B**
70—79%	**C**
60—69%	**D**
0—59%	**F**

Significant changes to the drop policy and class repetition are now effective.

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, September 7 (in person), September 9 (online).

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.

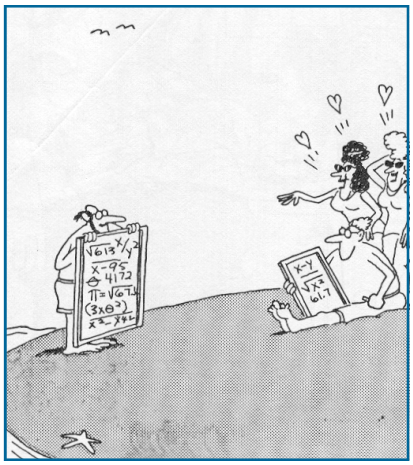
Attendance:

Attendance is not part of your grade but it is a crucial part of learning and a major factor in your success. *You may be excluded if you have an excessive number of unexcused absences or tardiness but it is your responsibility to drop the class if you do not want to continue. Please do not assume that I will necessarily*

Calculators:

You will need a scientific calculator for some chapters. Cell phone, Ipods, tablets, and graphing calculators are **not** allowed on exams.

Student Learning outcomes:



Upon completion of this course, a 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

Other resources:

Tutoring:

If you have questions and cannot make it to my office hours, or you just like to get more help, free tutoring is available at the Math center located in CMS 121. MyMathLab online tutorial 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 MyMathLab under Multimedia Library on the left column and selecting "Section Video Lecture".

Counseling Office:

The Counseling Office is located in the student services annex and provides assistance with academic goals,Career planning, and personal concerns. All students are strongly urged to make an appointment with a counselor prior to registering for classes for the purpose of establishing a program of study.
(*www.lamission.edu/counseling*)

Disabled Students Programs & Services (DSPS):
The DSPS office is located in the instructional building room 1018. (*www.lamission.edu/dsps*)

If you are registered through the DSPS office and need special accommodations, please let me know as soon as possible so I can arrange for them.

Study Skills:

The learning resource center is an excellent source for study skill and academic help.
I also really like the following website for tips on how to be a successful learner in a math class.
http://mathcs.slu.edu/undergrad-math/success-in-mathematics

Classmates' Phone numbers:

STANDARDS OF STUDENT CONDUCT:

Dishonesty, such as cheating, knowingly furnishing false information to instructors and college personnel, turning in work that is not one's own (plagiarism) will be grounds for disciplinary action at LAMC according to the Standards of Student Conduct. The penalty may range from no credit for the assignment up to an "F" grade and disciplinary action.

Important dates:

Last day to add a class:	**9/7**
Last date to drop without a W:	**9/9**
Last date to drop with a W:	**11/18**

Anticipated Daily Schedule (The dates are subject to change):

Monday	Wednesday
Aug 27 Orientation + Ch 5 Review	Aug 29 Synthetic Division + Ch 6 Review
Sep 3 Holiday	Sep 5 Ch 6 Review
Sep 10 Test 1—7.1/ 7.2	Sep 12 7.3 / 7.4 /7.5
Sep 17 7.6 / 7.7	Sep 19 Ch 3 review + Functions
Sep 24 Systems Review + 4.4	Sep 26 Appendix E + Review
Oct 1 Test 2— 9.1	Oct 3 9.2 / 9.3 / 9.4
Oct 8 10.1/ 10.2/ 10.3/ 10.4	Oct 10 10.4/ 10.5/ 10.6
Oct 15 10.7+ Review	Oct 17 Test 3 — 8.2 / 8.3
Oct 22 8.3 / 8.4	Oct 24 11.1/ 11.2/ 11.3
Oct 29 11.4/ 11.5	Oct 31 11.6 + Review
Nov 5 Test 4 —12.1	Nov 7 12.2/ 12.3
Nov 12 Holiday	Nov 14 12.4 / 12.5
Nov 19 12.6 / 12.7	Nov 21 13.1
Nov 26 13.2 / 13.3	Nov 28 Review
Dec 3 Test 5	Dec 5 Final Review
Dec 10 Final 12:30 — 2:30	