

ELEMENTARY ALGEBRA

Math 115, LAMC, Fall 2013

Instructor: George Craciun; [craciug@lamission.edu](mailto:craciug@lamission.edu); [georgecraciun13@gmail.com](mailto:georgecraciun13@gmail.com); (818)312-7538

Class meeting: 7:45 – 10:15 PM , CMS 021

Office hours: TuTh, 1:30 – 3:30 PM, CMS 121.

Textbook: "Beginning & Intermediate Algebra" by Elayn Martin Gray, Custom Edition for LA Mission College. The book will be used for Math 115 and Math 125 too. Buy a new book from the LAMC bookstore in order to have the access code for MyLabsPlus homework and practice final exams.

Course Content: Real numbers, equations and inequalities, exponents and polynomials, factoring polynomials, rational expressions, graphs, systems of linear equations, radicals, quadratic equations.

Student Learning Outcomes: To the end of the class students must be able to:

- 1) Simplify and evaluate various algebraic expressions.
- 2) Solve, graph and analyze various algebraic equations and systems of equations, including utilizing them to solve application problems.

Grading policy: There will be four mid-term exams, and a cumulative, final exam. The final exam is a comprehensive common test given by Math Department, and in order to pass the class you need to score 70% or better at this test.

The grading scheme is as follows:

Midterms(four).....60%(15% each)

Final(comprehensive).....30%

Homework and attendance.....10%

90% guarantees an A, 80% a B, 70% a C, 60% a D, below 60% an F.

Course policy: A good attendance is required. If you are late, come to the class, better later than missing a class. Do not leave the class earlier without telling me before. No cellphones, i-pods, etc,... allowed during the class time. Calculators are allowed , but I advise you to use them only for tedious calculations. Your homework has two components. One part will be assigned through [www.lamc.mylabsplus](http://www.lamc.mylabsplus) , the second part that is handwritten is in the syllabus. You need to do everything in time, you need to show all your work, and you need to be clean and organized.. Also at [www.lamission.edu/math](http://www.lamission.edu/math) you have practice tests for Math 115. Do not be shy to ask questions, and go to Tutoring Center(CMS 121) if you need help. It is your responsibility to add/ drop the class, be aware of the dates.

Course Organization.

Week	Date	Tuesday	Thursday	Homework
1	08/27 ; 08/29	1.2; 1.3; 1.4	1.5; 1.6; 1.7; 1.8	HW1: Ch.1 Test, pag. 75
2	09/03; 09/05	2.1; 2.2; 2.3	2.4; 2.5; 2.6	
3	09/10; 09/12	2.7; 2.8	3.1; 3.2	HW2: Ch.2 Test, pag. 165
4	09/17; 09/19	TEST # 1 Ch. 1 , 2	3.3; 3.4	
5	09/24; 09/26	3.5; 3.6	4.1; 4.2; 4.3	HW3: Ch.3 Test, pag. 232
6	10/01; 10/03	4.3; 4.5; 4.6	4.6; 4.7; 5.1	HW4: Ch.4 Test, pag. 298
7	10/08; 10/10	TEST # 2 Ch. 3 , 4	5.2; 5.3	
8	10/15; 10/17	5.4; 5.5	5.6; 5.7	HW5: Ch5 Test, pag. 370
9	10/22; 10/24	6.1. 6.2	6.3; 6.4	
10	10/29; 10/31	6.5a; 7.1	7.2; 7.3	HW6: Ch6 Test, pag. 449
11	11/05; 11/07	TEST # 3 Ch. 5 , 6	7.5; 8.1	HW7: Ch7 Test, pag. 507
12	11/12; 11/14	8.3; 8.4	8.5; 8.6	
13	11/19; 11/21	8.6; 9.1	9.1; 9.2	HW8: Ch.8 Test, pag. 571
14	11/26; 11/28	TEST # 4 Ch. 7 , 8	No school	HW9: 1-20 all, pag 632
15	12/03; 12/05	Review	Review	
16	12/10	FINAL 7:30-9:30		