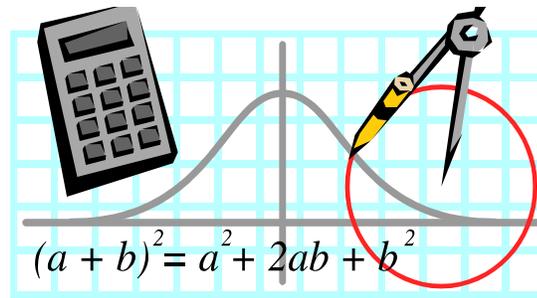


Los Angeles Valley College
Math 115



1. Class Information

Semester: Spring 2016
Instructor: Prof. LF Goodman
Section: # 3252 – MS105
Class Hours: MW 6:50pm – 9:20pm
E-mail: goodmalf@lavc.edu

Office: MS 112
Student Drop-in Hours
MW 6:20pm – 6:50pm
MWTh 12:40pm – 1:00pm
Voice Mail #: 818-947-2600 x 8097

Textbook: *Beginning Algebra, 6th Ed* by K. Elayn Martin-Gay

Class Information: www.haiku.com

Practice Resources: www.lavcmath.com/resources (practice worksheets and pencasts)
www.kahnacademy.com
www.wolframalpha.com

MyMathLab (MML) Online Homework: www.pearsonmylabandmastering.com.
Course ID: goodman32748

2. Course Information

Title: Elementary Algebra

Description: This is the first course in Algebra. There will be a brief review of concepts learned in pre-algebra using more challenging illustrations and examples. Topics include the real number system, integer exponents, polynomials and factoring, rational expressions, radicals, solving different types of equations (linear, quadratic, rational and those involving radicals), linear equations and inequalities in two variables, systems of linear equations in two variables, and problem solving involving the different types of equations.

Prerequisites: A grade of C or better in Math 112; or appropriate skill level demonstrated through the math placement process.

Student Objectives: Upon completion of this course, the students will:

- Develop an understanding of the real number system and the field properties and use order of operations to evaluate numerical expressions.
- Develop an understanding of the rules of exponents and apply them to simplify algebraic expressions.
- Develop mastery in solving linear, quadratic, rational and radical equations.
- Develop mastery in factoring polynomials.
- Develop mastery in simplifying algebraic expressions, which may involve rational and radical expressions.
- Develop the skills of sketching graphs of linear equations in two variables.
- Develop mastery in applying problem solving techniques in finding solutions to word problems.

- Develop the ability to solve systems of linear equations in two variables using the methods of substitution and elimination.

3. **Student Learning Outcomes:** Students will be able to think analytically and read critically to solve elementary algebra level mathematical problems. Students will be required to solve problems where they must read and extract relevant information, use appropriate mathematical techniques to solve the equation(s), and determine if the solution is correct and meaningful.



4. **Course Requirements**

School Supplies: The student is expected to bring the following to each class session:

- Textbook
- Notebook (3-ring binder or file folder) for notes, homework and graded work.
- Notebook paper for class work, quizzes, practice problems.
- File Folder for practice exercises, textbook homework and MML homework problems.
- Pens, pencils, pencil sharpener and erasers
- **Testing booklets (green-books) on exam days**

Homework and Group Work: Homework is assigned daily and questions will be covered at the next class meeting. Homework Quizzes and Group Work will be given on a regular basis. If you are absent on a day that homework quizzes or group work is given, you lose the points for that class work or quiz.

Practice problems are presented after each example. These practice problems are to be completed for each section of each assigned chapter (after chapter 1) and turned in at the end of each class.

Homework includes reading all assigned sections and examples BEFORE coming to class. Each student is to place all practice problems from each of the sections into a file folder and turn this folder in at the end of each class. These will be returned to you at the next class meeting,

AND

to do one (1) of the following:

- a) Complete the assigned problems from the textbook and keep in a binder or folder

OR

- b) Complete the assignments from MyMathLab (MML) and keep work from my MML in a binder or folder.

- c) Go to www.pearsonmylabandmastering.com to access MyMathLab. Register and search for

Math 115 – Beginning Algebra – Spring 2016 . Find the Course ID:goodman32748

It is your choice to complete one or more of the suggested assignments. The more practice you do, the better your math skills. The only part of the homework to be turned in each class meeting is the practice problems. Points will be determined by the completeness of the work. Quizzes will come mostly from the textbook. There is no makeup for missed quizzes. Late homework will not be accepted.

Long Exams: There will be five or six long exams; each will be given a maximum of 100 points. Each exam is free response (no multiple choices) and covers one or two chapters. Students are not allowed to use notes during exams. The tentative testing schedule is given in the timeline. **A green test booklet** will be required for each exam and the final. Please come prepared. **There will be no makeup exams for missed tests.** If you take all exams, your lowest score for one exam will be dropped. This does not include your final. The green test booklets may be found in a vending machine in front of the Students' Store.

Final Exam: The Final is a two-hour comprehensive free response exam and is given a maximum of 200 points. The final will be completed in a large green test booklet.

5. Class Policy

Attendance: REGULAR ATTENDANCE is very much encouraged! School policy on attendance is enforced. This course has a great deal of material covered at each class meeting. Plan to attend all classes and not leave early. The instructor may exclude students who have more than 5 absences. There will be sign-in sheets that will be passed around each meeting. **It is the student's responsibility to make sure that he/she signs in for his/her attendance.** If you must miss class, make appropriate arrangements to get notes, handouts and information from fellow classmates. For this purpose, get the names, e-mails, and phone or cell numbers from at least 2 or 3 classmates.

******Withdrawals:** If you stop attending the class (or wish to drop a class) on or before **May 8, 2016, you must drop the class yourself – officially –** by phone, 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 in the timeline.

Services for Students with Disabilities: If you are student with a disability requiring classroom accommodations, and have not contacted SSD, do so in a timely manner. SSD is located in the Student Services Annex, Room 175 or call SSD at (818) 947-2681 or TTD (818) 9472680 to meet with an SSD counselor. If SSD has already sent a memo to your instructor, please meet with the instructor during the first week of classes to discuss arrangements.

Financial Aid: If you are a student who needs financial aid, it is available! Go to the Financial Aid Office in the new Student Services Center, first floor. Call (818) 947-2412.

Student Conduct: Students are expected to adhere to all district policies as described in the LAVC Spring 2016, Schedule of Classes including attendance and withdrawal from classes (p. 138 - 139), and Standards of Student Conduct and Disciplinary Action (p. 154 - 156).

Academic Dishonesty (Cheating): **Any form of academic dishonesty will not be tolerated.** **If caught cheating, you will be given a zero for that particular exam and your name may be referred to the Vice President of Student Services for further disciplinary action.** **Common examples of Academic Dishonesty but non-inclusive includes copying answers from another student during the exam and handing them in as one's own; unauthorized talking during the exam; using notes, books, electronic devices or other references during an exam that are not authorized by the instructor; or unauthorized using of electronic devices to communicate, such as text messaging, using cell phone, or e-mailing to any other person during the exam.** Plagiarism and Student Conduct: *“Plagiarism is the use of others' words and/or ideas without clearly acknowledging their source. When you incorporate those words and ideas into your own*

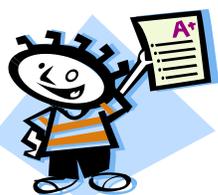
work, you must give credit where credit is due. Plagiarism, intentional or unintentional, is considered academic dishonesty and is not tolerated. Anyone found to be plagiarizing or cheating on assignments (e.g., copying or giving answers, using 'crib' sheets, etc.) will (1) receive a zero (fail) on the assignment, and (2) be referred to the Vice President of Student Services for further disciplinary action, following due process

*****Students are expected to be respectful to the instructor and to his/her fellow students during each class meeting. If you have a problem during the semester, speak to your instructor.**



Cell Phones, Pagers, and Other Electronic Devices: Please turn off all electronic equipment before coming to class. During this class time, this will be an electronic free zone. Put away any and all Electronic equipment until class is over.

If an electronic device goes off or a student is seen texting, this will be a signal for a “pop quiz”,



6. Grading System

Evaluation: The total points earned will be computed out of a maximum of 500 points. No make-up exam will be given under any circumstance! If you take all exams, the lowest score from one exam will be dropped. This does not include the final. If more than one exam is missed, a grade of zero will be given for each one.

- | | | |
|------------------------------|---------------|------------|
| ➤ In-Class and/or Group Work | | 100 points |
| ➤ Long Exams | $600 - 100 =$ | 500 points |
| ➤ Final Exam | | 200 points |

Grading Curve:

- | | | | |
|---|---|-------------|------------------|
| ➤ | A | 100% – 89% | 800 – 710 points |
| ➤ | B | 88.9% – 79% | 709 – 630 points |
| ➤ | C | 78.9% – 67% | 629 – 535 points |
| ➤ | D | 66.9% – 55% | 534 – 440 points |
| ➤ | F | below 55% | below 440 points |

Mathematics is an Olympic Sport. You must participate and practice to have success!

Be prepared to put problems on the board. **A maximum of 10 extra credit points will be given for board work.**

IMPORTANT DATES: TEST 1 – FEB. 22 – CHAPTERS 1
TEST 2 – MAR. 7 – CHAPTER 2
TEST 3 – APRIL 13 – CHAPTER 5 and 6
TEST 4 – APRIL 27 – CHAPTER 7
TEST 5 – MAY 9 – CHAPTERS 3 and 4
TEST 6 – MAY 25 – CHAPTERS 8 and 9

Tutoring in the Math Lab is available as a walk-in or by appointment and is located on the second floor in LARC 226, (818-947-2863),

Tutoring is FREE and will help your understanding and skills.

7. Tips for Success in this class

- Choose to attend all class periods on time and don't leave early. If you are absent on a day that homework quizzes or class work is given, you lose the points for that class work.
- **Read all assignments BEFORE coming to class. Read all examples from each section. Come prepared to ask and answer questions and complete problems in class.**
- **To be successful you must have determination, discipline and a POSITIVE ATTITUDE!**
- ***You must take responsibility for learning the material!!!***



- **Make the decision to LIKE MATH or at least to tolerate it.**
- . ***“Practice makes perfect”*** applies not only to music and sports, but also to mathematics. Be sure to schedule sufficient time to complete your assigned tasks before the next class meeting and **practice, practice, practice.**
- **Know how to get help if you need it.**
 - Organize student study groups.
 - Consult instructor during posted student drop-in hours.
 - Exchange e-mail addresses and cell phone numbers with several students.
- **Organize your class materials**, including homework assignments, graded quizzes and tests, notes and worked out classroom examples. These items will make valuable references when studying for upcoming tests and the final exam.

Here are some thoughts that have inspired others.

- *“If you have to do something, you might as well make it as enjoyable as possible.”*
—**Unknown**
- *“Life is a lot like DWTS. It is not about being perfect; it is about struggling, trying and doing something you thought was virtually impossible.”*
—**Jennifer Gray, age 50, winner 2010**
- **The following quotes are from John Wooden who was a success both on and off the basketball court. He was the first athlete to be honored in the basketball Hall of Fame as both player and coach.**

“Don't let what you cannot do interfere with what you can do.” —**John Wooden**

“If you don't have time to do it right, when will you have time to do it over?”
—**John Wooden**

